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*SHEETS 37 - 99 ARE NOT USED

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

SMITH - PUTNAM

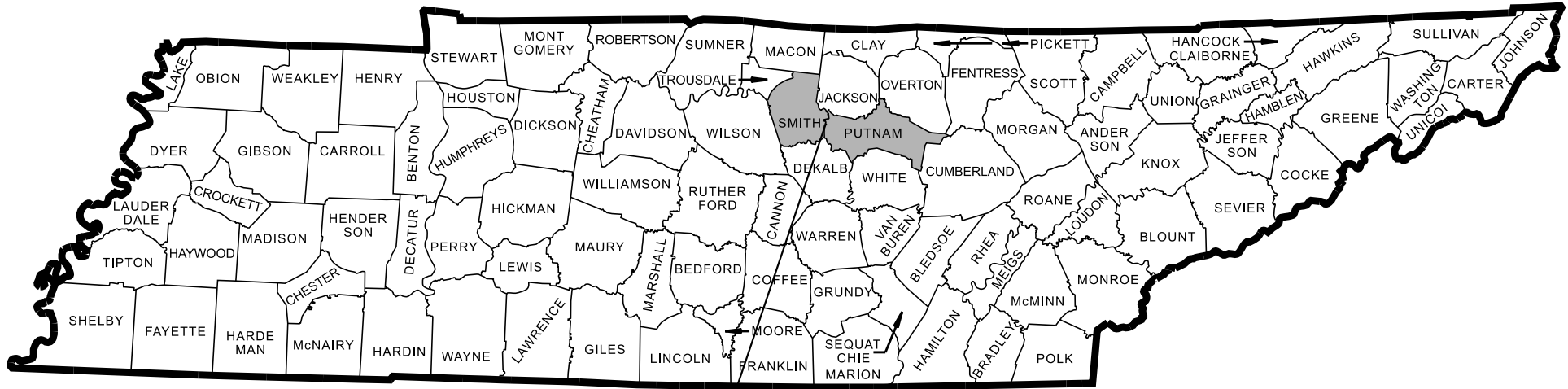
I-40 BRIDGE REPLACEMENT/REST AREA TRUCK PARKING
(L.M. 16.316/L.M. 0.078)

FUNCTIONAL
GRADE, BRIDGE, DRAIN, PAVE, SIGN, AND STRIPING

STATE HIGHWAY NO. 40 F.A.H.S. NO. N/A

DOES THIS PROJECT QUALIFY FOR UTILITY CHAPTER 86	YES	NO
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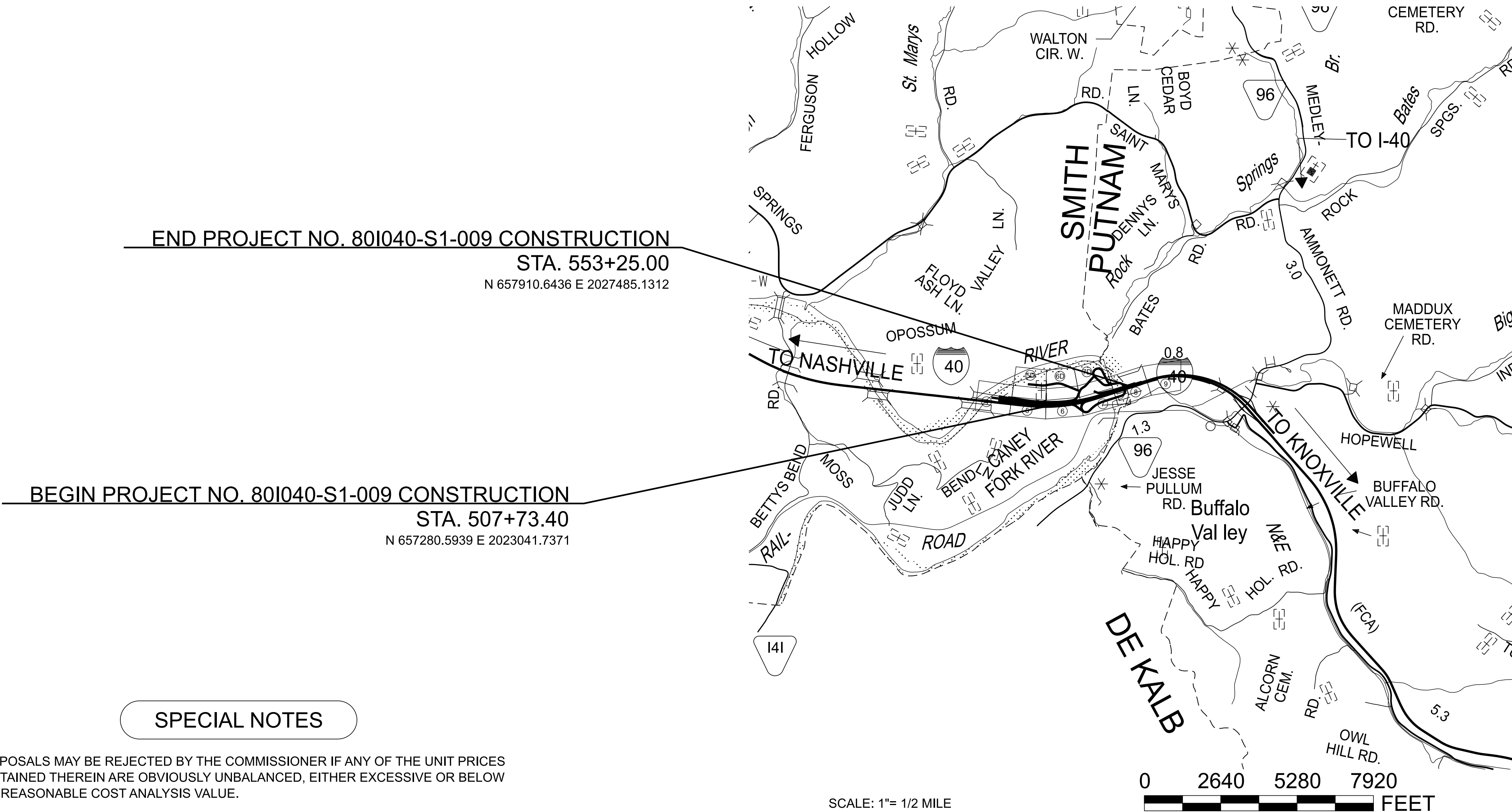
TENN.	YEAR 2025	SHEET NO. 1
FED. AID PROJ. NO.	NH-I-40-5 (161)	
STATE PROJ. NO.	80I040-S1-009	



PROJECT LOCATION

BRIDGE ID. # 80I00400036
BRIDGE ID. # 80I00400035

NO EXCLUSIONS



SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2021 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT PROJECT MANAGER: _____
DESIGNER : _____ CHECKED BY : _____
P.E. NO. _____ (NEPA)
PIN NO. 131552.01

R.O.W. LENGTH	0.000 MILES
ROADWAY LENGTH	0.801 MILES
BRIDGE LENGTH	0.061 MILES
BOX BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES ▲
PROJECT LENGTH	0.862 MILES

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

SURVEY 03-05-25	TRAFFIC DATA
	ADT (2026) 45,710
	ADT (2046) 59,420
	DHV (2046) 5,024
	D 52 - 48
	T (ADT) 27 %
	T (DHV) 18 %
	V 70 MPH

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

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	1B

PROJECT COMMITMENTS			
COMMITMENT ID	SOURCE DIVISON	DESCRIPTION	STA. / LOCATION
X	ENVIRONMENTAL DIVISION, ECOLOGY	"In accordance with the Programmatic Consultation for Addressing Cliff Swallows and Barn Swallows on Transportation Projects dated 9/16/2020, cliff swallow and barn swallow nests, eggs, or birds (young and adults) will not be disturbed between April 15 and July 31. From August 1 to April 14, nest may be removed or destroyed, and measures may be implemented to prevent future nest building at the site (e.g., closing off area using netting)."	X
X	ENVIRONMENTAL DIVISION, ECOLOGY	Due to the presence of multiple state listed fish species, in stream work is prohibited from April 1 to June 30.	X
X	ENVIRONMENTAL DIVISION, HAZARDOUS MATERIALS	Haul road(s) shall not extend beyond one-third the stream [Caney Fork River (STR-1)] width to avoid disturbing flow.	X

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROJECT COMMITMENTS

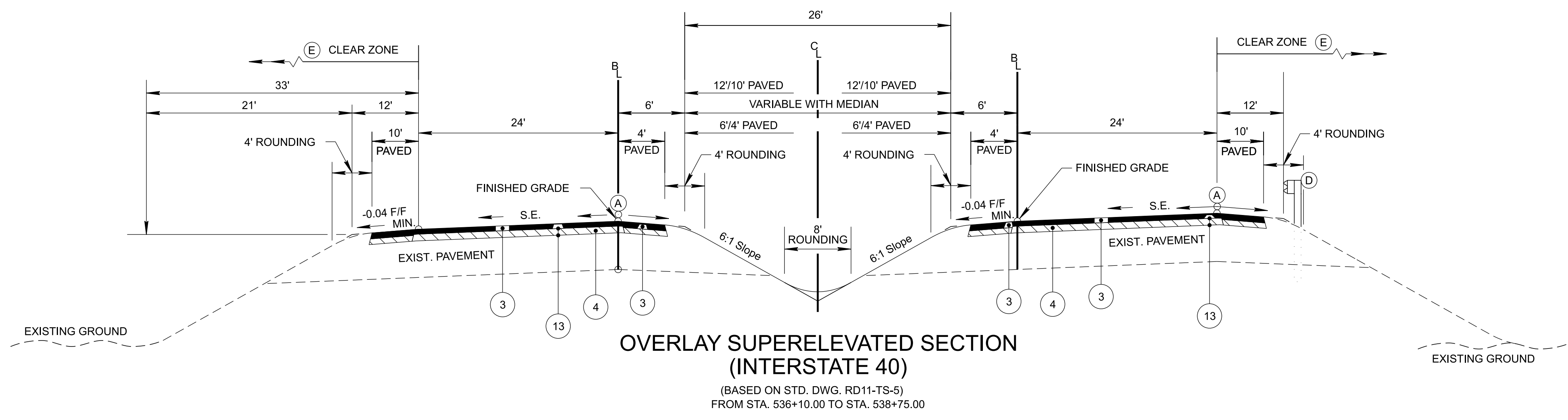
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	2-1

FOOTNOTES	
(1)	INCLUDES 145 C.Y. FOR EPSC, AND 1065 C.Y. FOR HAUL ROADS.
(2)	ALL EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER. SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
(3)	SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
(4)	INCLUDES 195 TONS FOR EPSC AND 3848 TONS FOR DITCHES.
(5)	INCLUDES 16 TONS FOR CROSS DRAINS.
(6)	INCLUDES 147 TONS FOR CROSS DRAINS.
(7)	INCLUDES 48500 S.Y. FOR EPSC, 84 S.Y. FOR CROSS DRAINS, AND 5029 S.Y. FOR DITCHES.
(8)	INCLUDES TONS FOR PAVEMENT AND TONS FOR TEMPORARY PAVEMENT, 674 TONS OF BORROW EXCAVATION (GRADED SOLID ROCK), 881 TONS OF MINERAL AGGREGATE (SIZE 57), 255 TONS OF MACHINED RIP-RAP (CLASS A-1) AND 156 L.F. OF TEMPORARY 18" PIPE. THE MINERAL AGGREGATE INCLUDES AN ADDITIONAL TEN (10) PERCENT FOR MAINTENANCE. THE CONTRACTOR TO RETURN THE AREA TO ORIGINAL CONDITION, INCLUDING TOPSOIL.
(9)	FOR TRAFFIC CONTROL; USE AS DIRECTED.
(10)	INCLUDES 3023 TONS FOR TEMP. PAVEMENT.
(11)	INCLUDES 1396 TONS FOR TEMP. PAVEMENT.

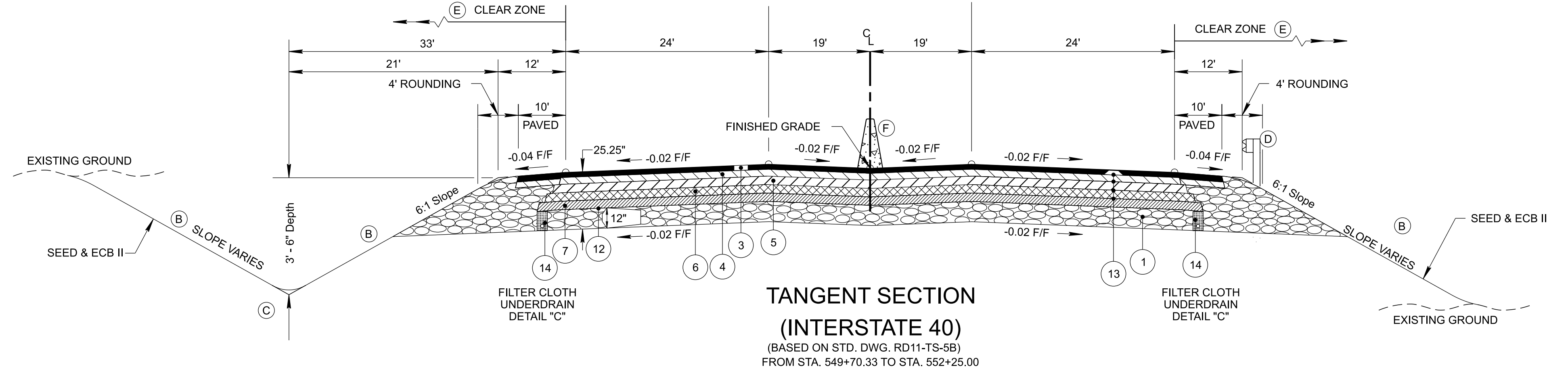
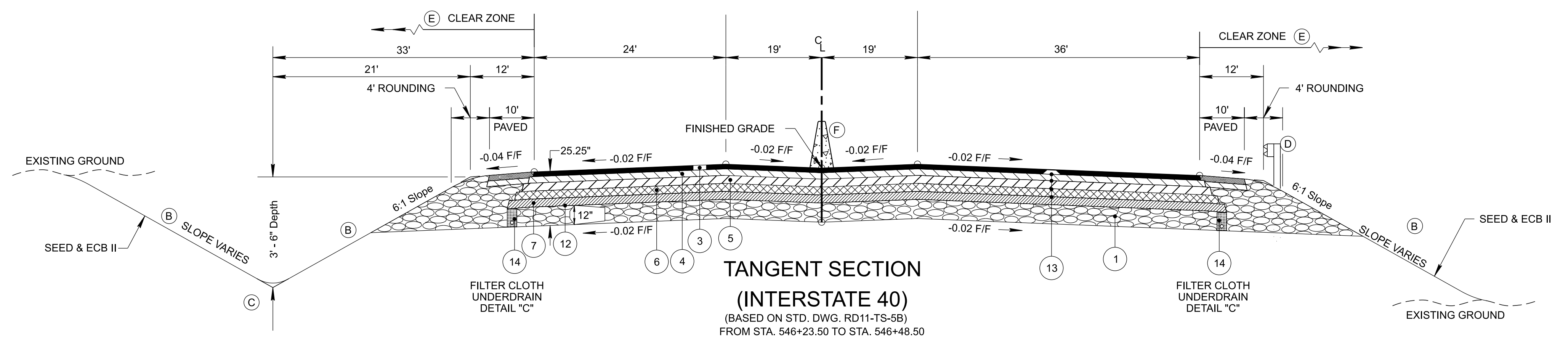
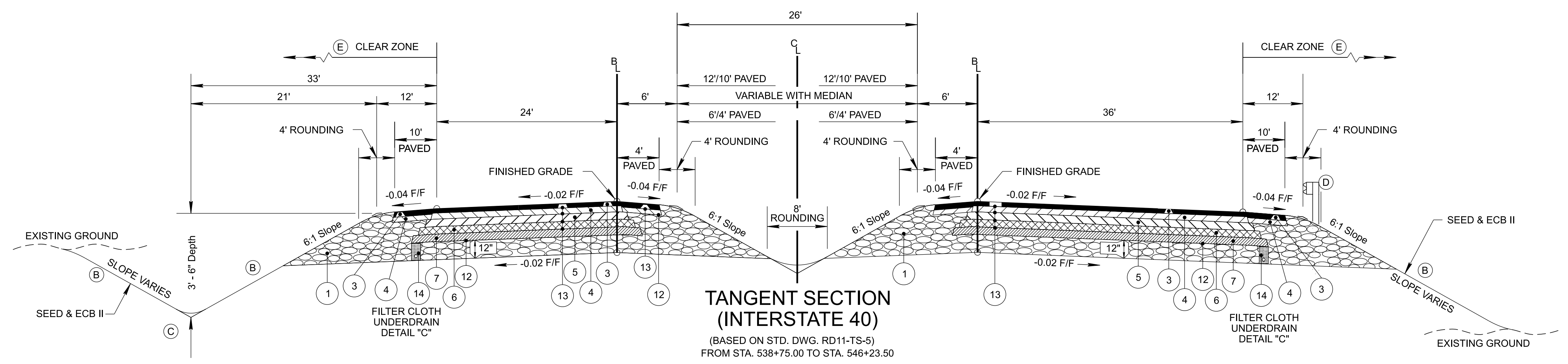
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STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
ESTIMATED ROADWAY QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	2B



- (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.



- (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) SEE STANDARD DRAWING NO. S-SSMB-2 FOR SINGLE SLOPE BARRIER WALL DETAILS.

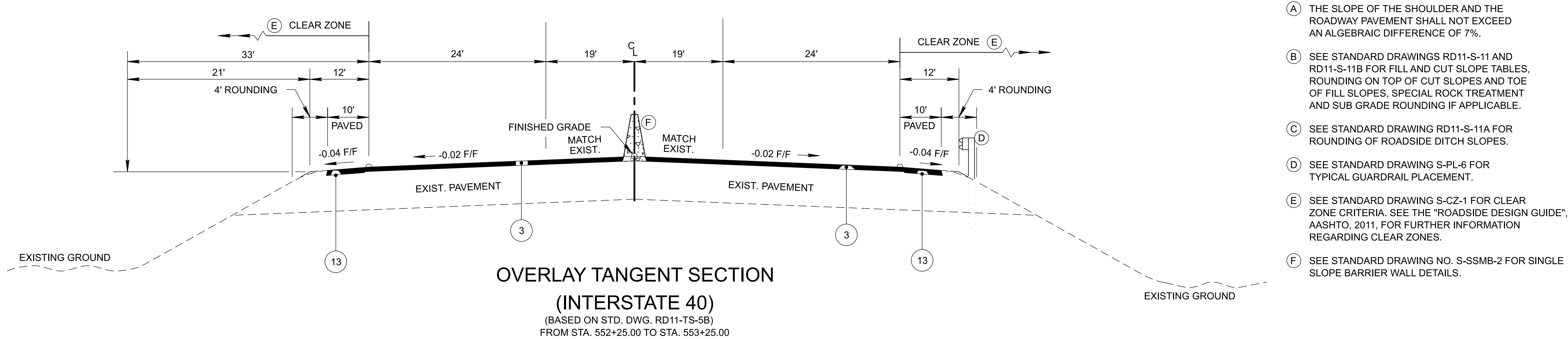
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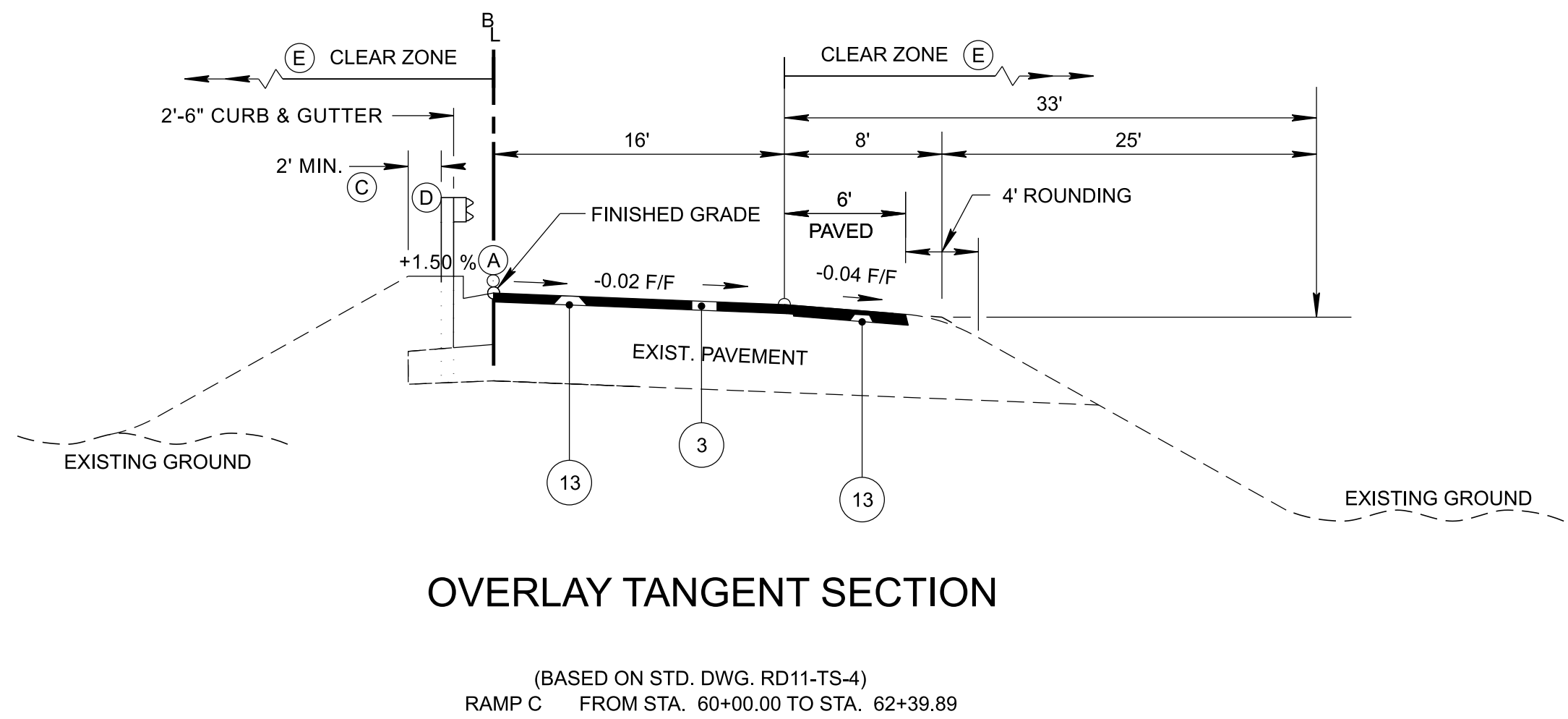
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

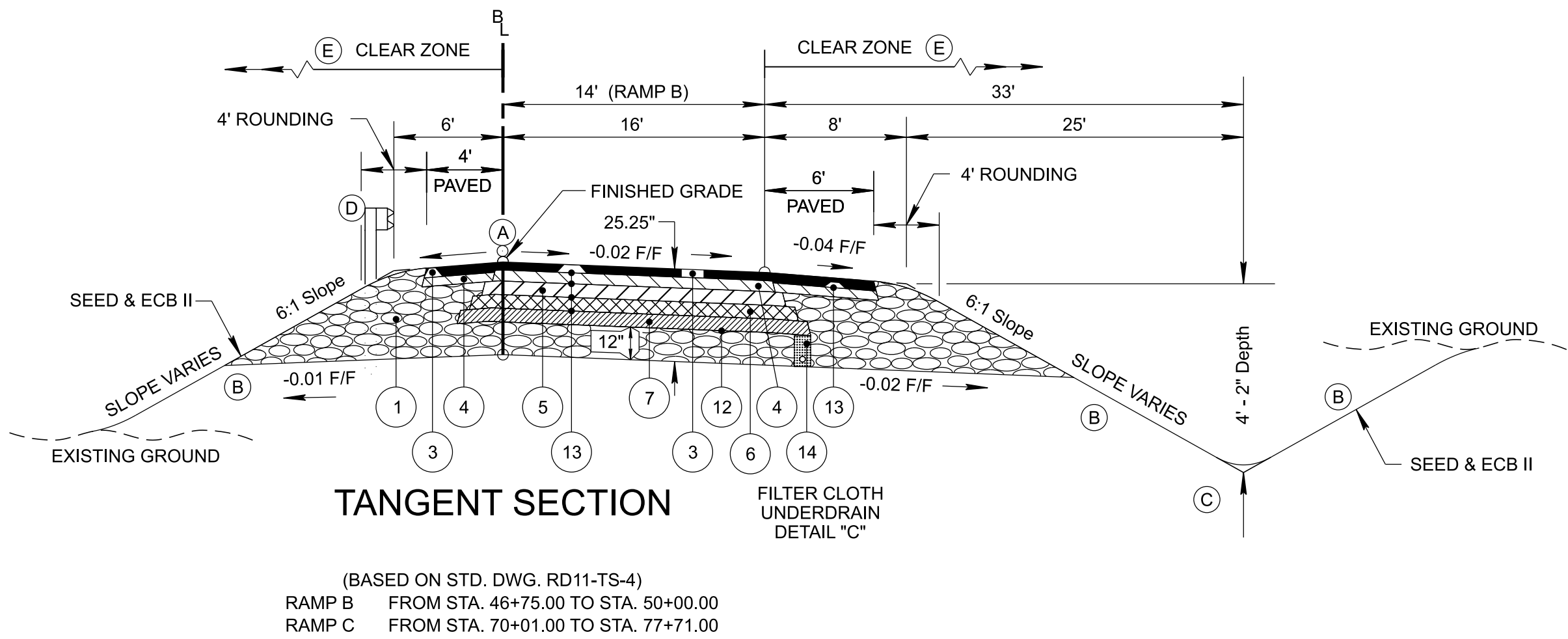
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	2B1



- (A) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.
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- (D) SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.
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- (F) SEE STANDARD DRAWING NO. S-SSMB-2 FOR SINGLE SLOPE BARRIER WALL DETAILS.



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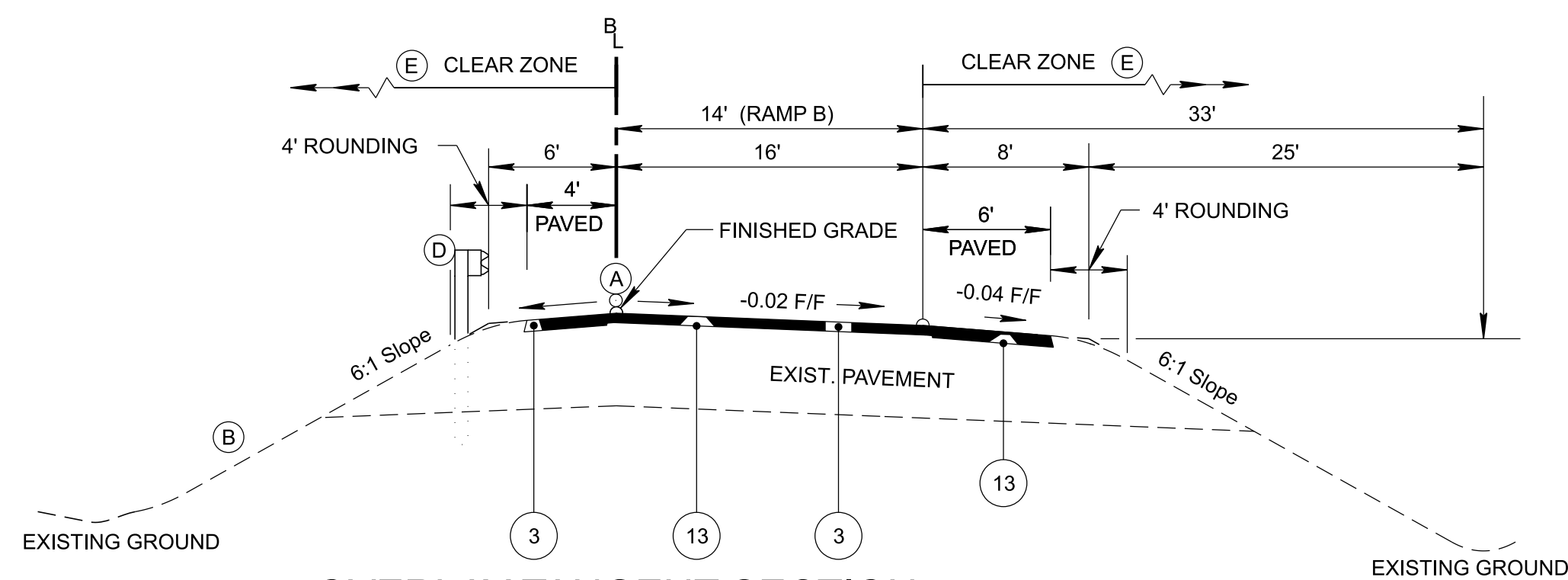
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DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

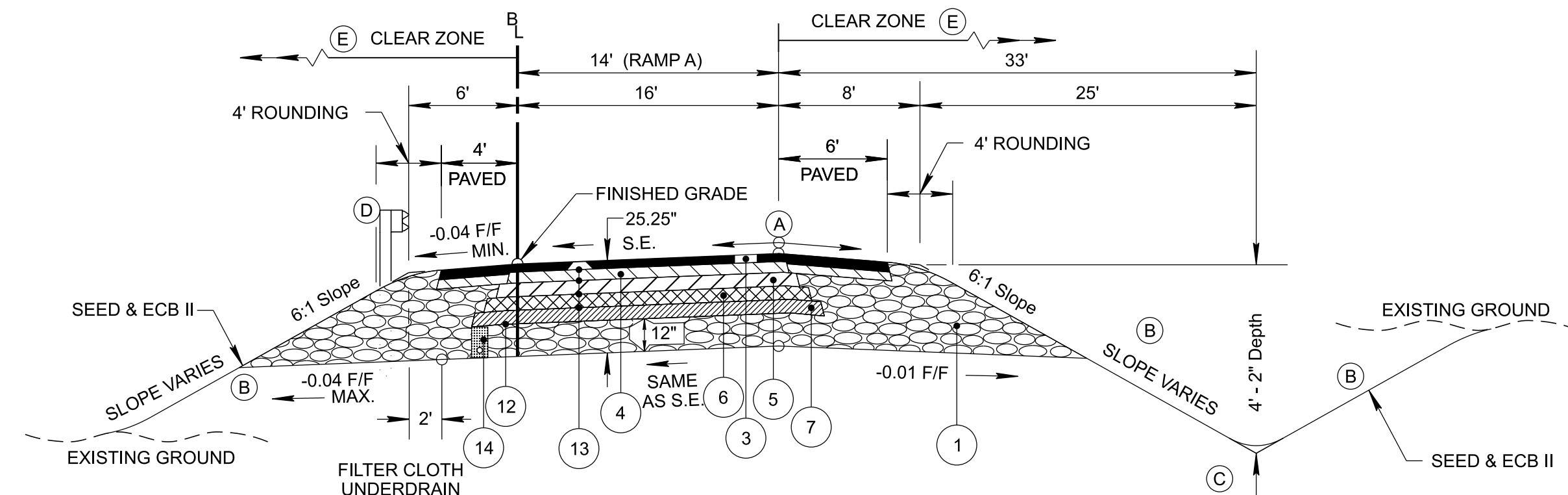
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	2B2



OVERLAY TANGENT SECTION

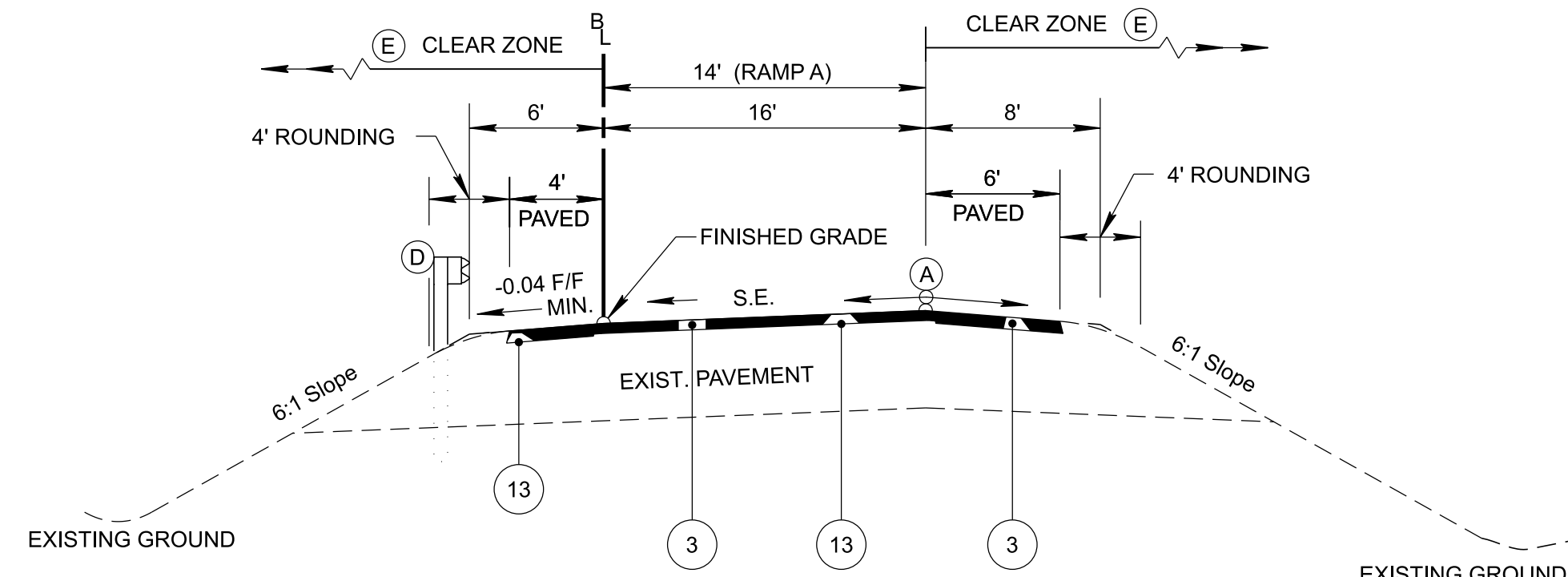
(BASED ON STD. DWG. RD11-TS-4)
RAMP B FROM STA. 50+00.00 TO STA. 56+50.00
RAMP C FROM STA. 62+39.89 TO STA. 70+01.00

- (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.
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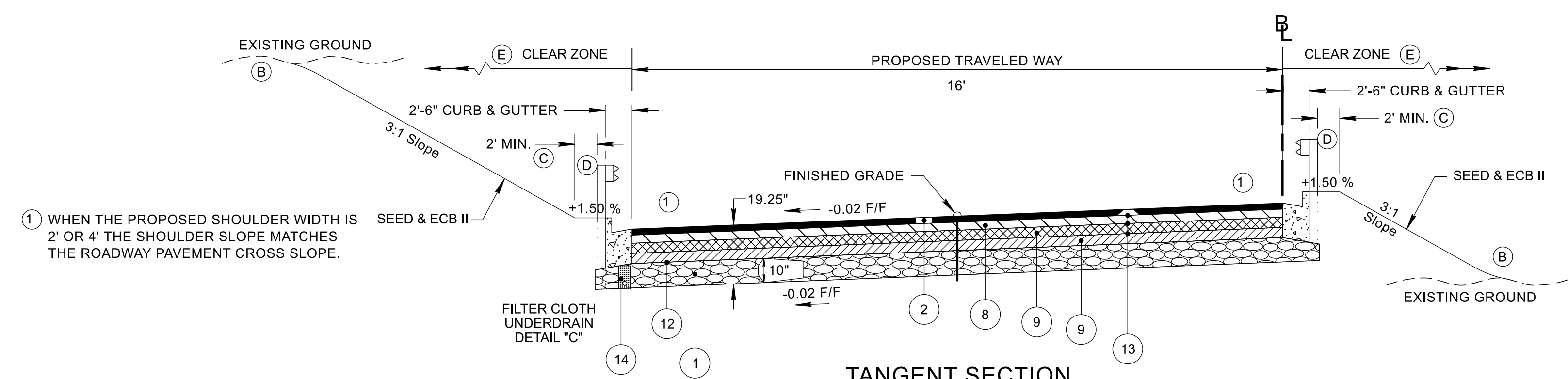
SUPERELEVATED SECTION

(BASED ON STD. DWG. RD11-TS-4)
RAMP A FROM STA. 15+00.00 TO STA. 24+99.00
RAMP D FROM STA. 154+15.00 TO STA. 160+26.00



OVERLAY SUPERELEVATED SECTION

(BASED ON STD. DWG. RD11-TS-4)
RAMP A FROM STA. 24+99.00 TO STA. 32+99.00



TANGENT SECTION

(BASED ON STD. DWG. RD11-TS-1A)
RAMP D FROM STA. 153+50.00 TO STA. 154+15.00

- (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 FOR ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES.
- (C) SEE STANDARD DRAWING S-PL-6 FOR SAFETY PLAN, SAFETY HARDWARE PLACEMENT ON OUTSIDE EDGE.
- (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.

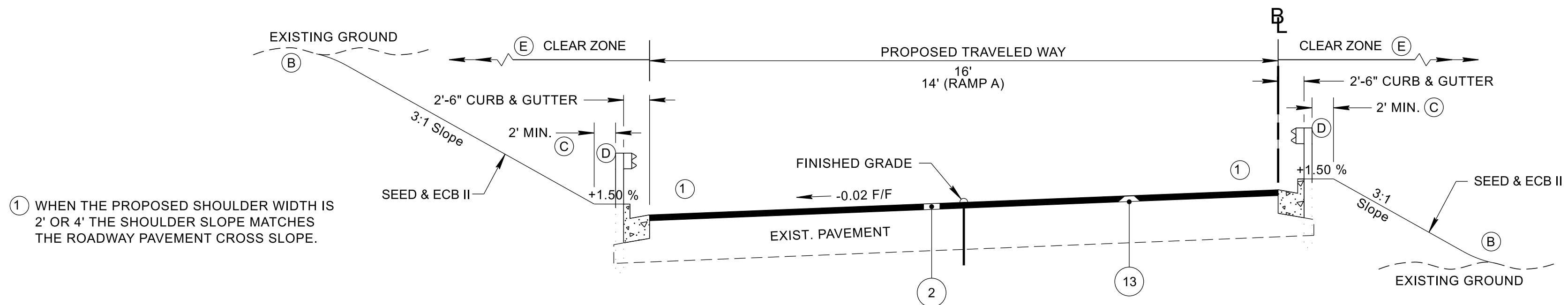
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS

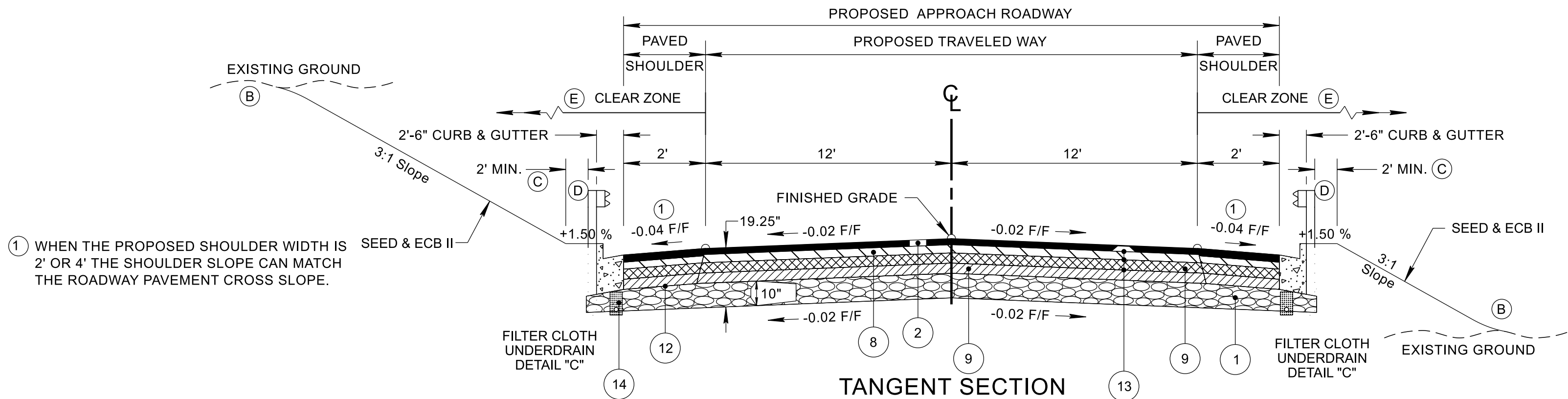
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	2B3



OVERLAY TANGENT SECTION

(BASED ON STD. DWG. RD11-TS-1A)
RAMP D FROM STA. 152+00.00 TO STA. 153+00.00
RAMP A FROM STA. 33+35.50 TO STA. 35+35.00

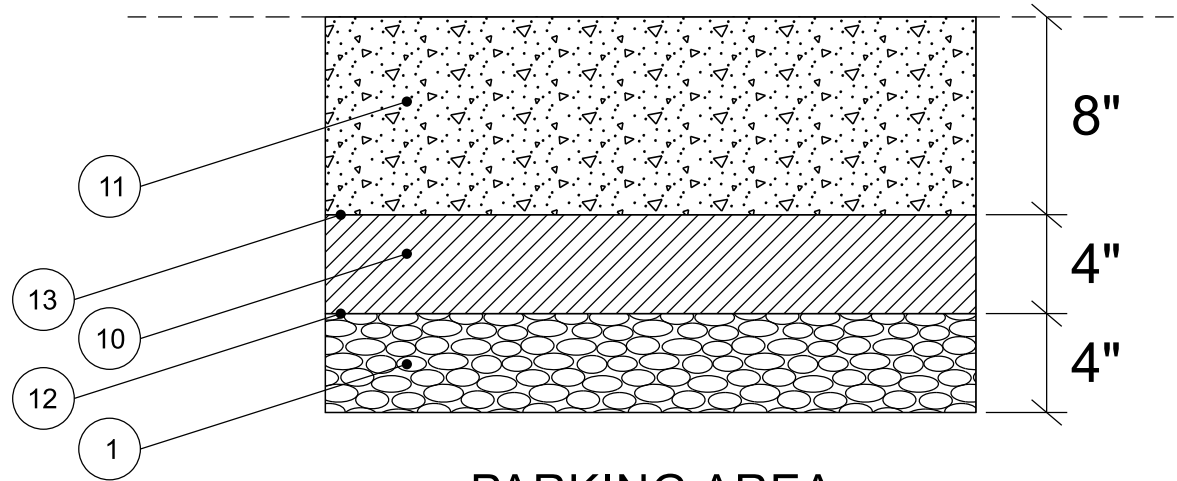
- (A) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.
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- (C) SEE STANDARD DRAWING S-PL-6 FOR SAFETY PLAN, SAFERY HARDWARE PLACEMENT ON OUTSIDE EDGE.
- (D) SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL 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.



TANGENT SECTION
(ACCESS ROAD)

(BASED ON STD. DWG. RD11-TS-1A)
FROM STA. 700+00.00 TO STA. 705+42.16

- (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 FOR ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES.
- (C) SEE STANDARD DRAWING S-PL-6 FOR SAFETY PLAN, SAFERY HARDWARE PLACEMENT ON OUTSIDE EDGE.
- (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.



PARKING AREA
PAVEMENT DETAIL

TRANSITION TABLE								
ALIGNMENT	BEGIN STA	END STA	LT/RT	LANE/SHOULDER	BEGIN WIDTH (FT)	END WIDTH (FT)	BEGIN. OFFSET (FT)	END OFFSET (FT)
RAMP A	12+00.00	15+00.00	LT	LANE	0	12	0	-12
RAMP A	23+09.66	24+49.66	LT	LANE	12	14	-12	-14
RAMP B	43+75.00	46+75.00	RT	LANE	0	12	0	12
RAMP B	50+77.89	52+66.27	RT	LANE	12	16	12	16
I-40	547+77.50	550+77.50	RT	LANE	12	0	55	43
I-40	547+77.50	550+77.50	LT	LANE	12	0	55	43
I-40	549+95.64	551+45.64	RT	SHOULDER	18.5	10	65	53
ACCESS ROAD	704+69.00	705+43.76	LT	LANE	12.25	9.77	-12.25	-9.77
ACCESS ROAD	704+69.00	705+43.76	LT	SHOULDER	2	0	-14.25	-9.77
ACCESS ROAD	704+69.00	705+43.76	RT	LANE	11.75	9.79	11.75	9.79
ACCESS ROAD	704+69.00	705+43.76	RT	SHOULDER	2	0	13.75	9.79

PROPOSED PAVEMENT SCHEDULE

1 MINERAL AGGREGATE 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"	8 BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "B-M2" @ 2.00" THICK (APPROX. 226 LB./S.Y.) 307-02.08 AC MIX (PG70-22) GRADING "B-M2"
2 ASPHALTIC CONCRETE SURFACE (HOT MIX) PG70-22 GRADING "D" @ 1.25" THICK (APPROX. 132.5 LB./S.Y.) 411-02.10 ACS MIX (PG70-22) GRADING "D"	9 BITUMINOUS PLANT MIX BASE (HOT MIX) PG70-22 GRADING "A" @ 3.00" THICK (APPROX. 345 LB./S.Y.) 307-02.01 AC MIX (PG70-22) GRADING "A"
3 ASPHALTIC CONCRETE SURFACE (HOT MIX) PG76-22 OGFC @ 1.25" THICK (APPROX. 110 LB./S.Y.) 411-03.23 ACS MIX (PG76-22) OGFC	10 TREATED PERMEABLE BASE 4" THICK 313-03 TREATED PERMEABLE BASE
4 BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22 GRADING "CM" @ 1.50" THICK (APPROX. 169.5 LB./S.Y.) 307-03.12 AC MIX (PG76-22) GRADING "CM"	11 PORTABLE CEMENT CONCRETE PAVEMENT (PLAIN) 8" THICK 501-01.01 S.Y.
5 BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22 GRADING "A" @ 3.50" THICK (APPROX. 402.5 LB./S.Y.) 307-03.01 AC MIX (PG76-22) GRADING "A"	12 PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) AT 0.35 GALLONS/S.Y. 402-02 AGGREGATE FOR COVER MATERIAL (PC) AT 12 LB./S.Y.
6 BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22 GRADING "A" @ 4.00" THICK (APPROX. 460 LB./S.Y.) 307-03.01 AC MIX (PG76-22) GRADING "A"	13 TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) SEE 4.03.05 FOR DETERMINING APPLICATION RATE IN FIELD
7 BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22 GRADING "A-S" @ 3.00" THICK (APPROX. 318 LB./S.Y.) 307-01.22 AC MIX (PG76-22) GRADING "A-S"	14 AGGREGATE UNDERDRAINS (WITH PIPE) 710-02 L.F.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS

GENERAL NOTES

GRADING

- (1)

ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- (2)

CERTIFICATION FOR ALL BORROW PITS MUST BE OBTAINED IN ACCORDANCE WITH SUBSECTION 107.06 OF THE STANDARD SPECIFICATIONS.
- (3)

THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIAL EITHER ON OR OFF STATE-OWNED R.O.W. IN A REGULATORY FLOOD WAY AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) WITHOUT APPROVAL BY FEMA. ALL MATERIAL SHALL BE DISPOSED OF IN UPLAND (NON-WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT WATERCOURSE. THIS DOES NOT ELIMINATE THE NEED TO OBTAIN ANY OTHER LICENSES OR PERMITS THAT MAY BE REQUIRED BY ANY OTHER FEDERAL, STATE OR LOCAL AGENCY.
- (4)

ARCHAEOLOGICAL SITE NO. 40Pm184 MUST BE AVOIDED AS A SOURCE OF FILL OR HEAVY MACHINERY STAGING AREA. EARTH FILL WILL BE REQUIRED FROM AREAS OUTSIDE THE PROPOSED RIGHT-OF-WAY. CERTIFICATION MUST BE OBTAINED IN ACCORDANCE WITH SUBSECTION 107.06 OF THE STANDARD SPECIFICATIONS.

SEEDING AND SODDING

- (1)

ALL EXISTING ROADS WITHIN THE RIGHT-OF-WAY AND NOT IN THE GRADED AREA THAT ARE TO BE ABANDONED SHALL BE SCARIFIED, OBLITERATED, TOPSOILED AND SEEDED. SCARIFYING AND OBLITERATING THE PAVEMENT WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS. TOPSOIL, IN ACCORDANCE WITH SECTION 203 OF THE STANDARD SPECIFICATIONS, WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 203-04 AND/OR 203-07. SEEDING, IN ACCORDANCE WITH SECTION 801 OF THE STANDARD SPECIFICATIONS, WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 801-01.
- (2)

SOD SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS TO PREVENT DAMAGE TO ADJACENT FACILITIES AND PROPERTY DUE TO EROSION ON ALL NEWLY GRADED CUT AND FILL SLOPES AS WORK PROGRESSES.
- (3)

ITEM NO. ____ SHALL BE USED ON SLOPES 3:1 OR STEEPER AND OTHER AREAS AS INDICATED IN THE PLANS THAT ARE INACCESSIBLE FOR MOWING.
- (4)

ITEM NO. 801-01, SEEDING (WITH MULCH), SHALL BE USED WHERE EROSION CONTROL BLANKET OR SOD ARE NOT APPLIED.
- (5)

ITEM NO. 801-02, SEEDING (WITHOUT MULCH) AND EROSION CONTROL BLANKET, SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS AS WELL AS LOCATIONS DIRECTED BY THE ENGINEER.

GUARDRAIL

- (1)

THE CONTRACTOR SHALL NOT REMOVE ANY SECTIONS OF EXISTING GUARDRAIL TO REWORK SHOULDERS OR FLATTEN SLOPES UNTIL THE ENGINEER CONCURS IN THE NECESSITY OF REMOVAL DUE TO CONSTRUCTION REQUIREMENTS AND THE APPROPRIATE WARNING DEVICES ARE INSTALLED. THE PROPOSED GUARDRAIL, INCLUDING ANY ANCHOR SYSTEM, SHALL BE INSTALLED QUICKLY TO MINIMIZE TRAFFIC EXPOSURE TO ANY HAZARD. NO PAYMENT WILL BE MADE FOR A SECTION OF PROPOSED GUARDRAIL, INCLUDING ANCHORS, UNTIL IT IS COMPLETE IN PLACE.
- (2)

IF ANY APPROACH END OF A SECTION OF GUARDRAIL OR BRIDGE RAIL MUST TEMPORARILY BE LEFT INCOMPLETE AND EXPOSED TO TRAFFIC, THE CONTRACTOR SHALL USE TWO (2) TEMPORARY BARRICADES OR DRUMS WITH TYPE “A” LIGHTS AND ROUNDED END ELEMENTS AS MINIMUM MEASURES TO PROTECT TRAFFIC FROM THE HAZARD OF AN EXPOSED END. ALL COST OF FURNISHING AND INSTALLING TEMPORARY BARRICADES OR DRUMS WITH TYPE “A” LIGHTS TO DELINEATE GUARDRAIL END AND A TEMPORARY ROUNDED END ELEMENT SHALL BE INCLUDED IN THE COST OF THE PROPOSED GUARDRAIL END TERMINAL.
- (3)

GUARDRAIL IS TO BE COMPLETE IN PLACE BEFORE THE MAINLINE ROADWAY IS OPENED TO TRAFFIC.

DRAINAGE

- (1)

THE CONTRACTOR SHALL SHAPE DITCHES TO THE SPECIFIED DESIGN. THIS WORK WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

- (2)

EXCAVATION FOR PIPE CULVERTS, STORM SEWERS, CONDUITS, ALL OTHER CULVERTS AND MINOR STRUCTURES WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF PIPE.
- (4)

THE CUTTING OF INLET AND OUTLET DITCHES WHERE SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER WILL BE MEASURED AND PAID FOR AS ITEM NO. 203-01 ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED).
- (5)

WHERE A CULVERT (PIPE, SLAB OR BOX) IS MOVED TO A NEW LOCATION OTHER THAN THAT SHOWN ON THE PLANS, INCREASING OR DECREASING THE AMOUNT OF CULVERT EXCAVATION WILL NOT RESULT IN AN INCREASE OR DECREASE IN THE AMOUNT OF PAYMENT THAT WILL BE MADE DUE TO SUCH CHANGE.
- (6)

DURING CONSTRUCTION OF DRAINAGE STRUCTURES ALL COST ASSOCIATED WITH MAINTAINING THE FLOW OF WATER AND TRAFFIC, AT THESE STRUCTURES, DURING THE PHASED CONSTRUCTION OF THIS PROJECT ARE TO BE INCLUDED IN THE UNIT PRICE OF THE DRAINAGE STRUCTURES AND TRAFFIC CONTROL ITEMS.
- (7)

ALL EXISTING PIPES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER THAT ARE TO BE LEFT IN PLACE AND ABANDONED MUST BE BACKFILLED AND PLUGGED. ALL COST FOR THIS WORK SHALL BE INCLUDED IN ITEM NO. 204-08.01, BACKFILL MATERIAL (FLOWABLE FILL), C.Y.

MISCELLANEOUS

- (1)

ALL DETOUR, ACCESS, SERVICE AND FRONTAGE ROADS SHALL BE CONSTRUCTED WITH A MINIMUM OF ONE (1) COURSE OF BASE MATERIAL BEFORE TRAFFIC IS INTERRUPTED ON EXISTING ROADS.
- (2)

THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES AND POSTS WHERE AND AS DIRECTED BY THE ENGINEER. COST TO BE INCLUDED IN PRICE BID FOR OTHER CONSTRUCTION ITEMS.
- (3)

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

ROAD CLOSURE

- (1)

NO LESS THAN SEVEN (7) DAYS PRIOR TO THE CLOSURE OF THE ROAD, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING INDIVIDUALS OR AGENCIES COMPLETELY DESCRIBING THE AFFECTED ROADS AND THE APPROXIMATE DURATION OF THE CONSTRUCTION: THESE PARTIES INCLUDE, BUT ARE NOT LIMITED TO: (1) LOCAL LAW ENFORCEMENT OFFICE, (2) LOCAL FIRE DEPARTMENT, (3) AMBULANCE SERVICE, (4) LOCAL SCHOOL SUPERINTENDENT, (5) UNITED STATES POSTAL SERVICE, AND (6) LOCAL ROAD SUPERINTENDENT.

PAVEMENT MARKINGS

TEMPORARY PAVEMENT MARKINGS ON INTERMEDIATE LAYERS

- (2)

TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY’S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.20, PAINTED PAVEMENT MARKING (6” LINE), L.M.
- (3)

TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY’S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.02, PAINTED PAVEMENT MARKING (8” BARRIER LINE), L.F.
- (4)

WIDE (8 INCH) TEMPORARY PAVEMENT MARKING LINE WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.02 PAINTED PAVEMENT MARKING (8” BARRIER LINE), L.F.
- (5)

TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY’S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.49, PAINTED PAVEMENT MARKING (8” LINE), LIN.FT.

FINAL PAVEMENT MARKING

- (6)

THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:

a.

BROOMING & DE-GRASSING SHOULDERS SHALL INCLUDE CLIPPING OF MATERIAL INTERFERING WITH PROPER DRAINAGE OF ROADWAY

- (INCLUDING PAVED AND GRAVEL SHOULDERS), AS DIRECTED BY THE ENGINEER.
- b.

ALL MATERIAL FROM CLIPPING, BROOMING AND DE-GRASSING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE ENGINEER.
- c.

ALL COSTS ASSOCIATED WITH PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO. 208-01.05.
- d.

REMOVE ALL GARBAGE AND CONSTRUCTION DEBRIS FROM PROJECT. THE COST FOR THIS WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

- (8)

PERMANENT PAVEMENT LINE MARKINGS SHALL BE 6” ENHANCED FLATLINE THERMOPLASTIC INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY’S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-12.02, ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY’S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.
- (9)

PERMANENT PAVEMENT LINE MARKINGS SHALL BE 8” ENHANCED FLATLINE THERMOPLASTIC INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY’S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-12.03, ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE), L.F. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY’S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

DETOURS, LANE SHIFTS AND MEDIAN CROSS-OVERS

- (17)

BEFORE OPENING THE LANE SHIFT OR MEDIAN CROSSOVER TO TRAFFIC, THE TRANSITIONAL MARKINGS ON THE EXISTING ROADWAY MUST BE IN PLACE. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 712-09.02 REMOVABLE PAVEMENT MARKING (8” BARRIER LINE), L.F. OR 712-09.08 REMOVABLE PAVEMENT MARKING (6” LINE), L.F. ALL EXISTING MARKINGS IN THE AREA OF THESE TRANSITIONAL MARKINGS SHALL BE OBLITERATED AND ALL EXISTING RAISED PAVEMENT MARKERS SHALL BE REMOVED TO ELIMINATE CONFLICTING MARKINGS. REMOVAL OF THE EXISTING CONFLICTING MARKINGS AND RAISED PAVEMENT MARKERS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN ITEM NO. 712-01, TRAFFIC CONTROL, LUMP SUM.

SNOWPLOWABLE REFLECTIVE PAVEMENT MARKERS

- (19)

REMOVE EXISTING SNOWPLOWABLE MARKERS PRIOR TO PAVING AND/OR COLD PLANING. REMOVE ALL ADHESIVES PRIOR TO PAVING. PATCH ANY HOLES OR DIVOTS RESULTING FROM THE REMOVAL OF A MARKER IN A MANNER WHICH ENSURES A UNIFORM PAVED SURFACE. PATCH WORK SHALL BE INCLUDED WITH COST OF OTHER ITEMS OF CONSTRUCTION.

9-140.00

PAVEMENT

PAVING

- (2)

THE CONTRACTOR SHALL BE REQUIRED TO COLD PLANE AND PAVE IN THE DIRECTION OF TRAFFIC.
- (3)

THE CONTRACTOR SHALL ATTACH A DEVICE TO THE SCREED OF THE PAVER SUCH THAT MATERIAL IS CONFINED AT THE END GATE AND EXTRUDES THE ASPHALT MATERIAL IN SUCH A WAY THAT RESULTS IN A CONSOLIDATED WEDGE-SHAPE PAVEMENT EDGE OF APPROXIMATELY 25 TO 30 DEGREES AS IT LEAVES THE PAVER (MEASURED FROM A LINE PARALLEL TO THE PAVEMENT SURFACE.) THE DEVICE SHALL MEET THE REQUIREMENTS THAT ARE CURRENTLY SET FORTH IN SPECIAL PROVISION 407SE.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	2C0

SEALED BY
INFO ONLY

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
GENERAL NOTES

8/27/2025 9:03:10 AM G:\HD 5803.090 1-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-GENERAL NOTES.DGN

GRADED SOLID ROCK

- (1)

THE ROCK FILL (GRADED SOLID ROCK) MATERIAL SHALL CONSIST OF SOUND, NON-DEGRADABLE LIMESTONE OR SANDSTONE WITH A MAXIMUM SIZE OF 3'-0". AT LEAST 50% (BY WEIGHT) OF THE ROCK SHALL BE UNIFORMLY DISTRIBUTED BETWEEN 1'-0" AND 3'-0" IN DIAMETER, AND NO GREATER THAN 10% (BY WEIGHT) SHALL BE LESS THAN 2" IN DIAMETER. THE MATERIAL SHALL BE ROUGHLY EQUIDIMENSIONAL; THIN, SLABBY MATERIALS WILL NOT BE ACCEPTED. THE CONTRACTOR SHALL BE REQUIRED TO PROCESS THE MATERIAL WITH AN ACCEPTABLE MECHANICAL MEANS (A SCREENING PROCESS CAPABLE OF PRODUCING THE REQUIRED GRADATION). THE ROCK SHALL BE APPROVED BY A REPRESENTATIVE OF THE DIVISION OF MATERIALS AND TESTS BEFORE USE.
- (2)

THIS GRADED SOLID ROCK MATERIAL SHALL BE PLACED IN LAYERS NOT EXCEEDING FIVE FEET IN DEPTH.

SIGNING

- (1)

THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS, EXCEPT THAT CUT-OUT DIRECT APPLIED COPY SHALL BE USED ON ALL FLAT SHEET SIGNS WITH A GREEN BACKGROUND. THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL EXTRUDED PANEL SIGNS SHALL BE DIRECT APPLIED OR DEMOUNTABLE. ALL EXTRUDED PANEL SIGNS SHALL BE ATTACHED TO THE SIGN FACE, AS OUTLINED IN THE STANDARD SPECIFICATIONS. ALL SHIELDS ON GUIDE SIGNS SHALL BE DIRECT APPLIED OR DEMOUNTABLE AND ATTACHED TO THE SIGN FACE AS OUTLINED IN THE STANDARD SPECIFICATIONS.
- (2)

FOR ALL PERMANENT PANEL SIGNS WITH A SILVER-WHITE, YELLOW, RED, GREEN, BROWN, OR BLUE BACKGROUND, PROVIDE REFLECTIVE SHEETING THAT MEETS OR EXCEEDS AASHTO M268, TYPE D.
- (3)

THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE LENGTHS WERE COMPUTED FROM THE CROSS-SECTIONS CONTAINED IN THE CONSTRUCTION PLANS. IN THE EVENT THE SUPPORT LENGTHS ARE 2 FEET SHORTER OR LONGER THAN SHOWN ON THE PLANS, THE ENGINEER SHALL VERIFY THE SUPPORT TYPE WITH THE TRAFFIC DESIGN DIVISION, SIGNING SECTION, TELEPHONE NO. (615)-741-0802. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ORDERING MATERIAL.
- (4)

THE TOP OF THE SIGN FOOTINGS SHALL BE PLACED LEVEL WITH THE GROUND LINE.
- (5)

AFTER THE SIGN LOCATIONS HAVE BEEN STAKED, BUT PRIOR TO ORDERING ANY MATERIAL FOR THE SUPPORTS, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE REGIONAL OPERATIONS OFFICE.
- (6)

THE CONTRACTOR SHALL BE REQUIRED TO FURNISH LAYOUT DRAWINGS OF ALL EXTRUDED PANEL SIGNS WITH SPACING OF ALL LETTERS, NUMERALS, SHIELDS, AND ARROWS. ONE PDF SET OF THE LAYOUT DRAWINGS SHALL BE SENT TO THE TRAFFIC DESIGN DIVISION, SIGNING SECTION (TDOT_TrafficDesign.SignsandMarking@tn.gov) FOR REVIEW. ONE PDF SET OF THE LAYOUT DRAWINGS SHALL BE SENT TO THE REGIONAL SIGN DESIGNER FOR REVIEW.
- (7)

ALL SIGNS MARKED "TO BE REMOVED" ARE TO BE REMOVED BY THE CONTRACTOR AND PAID FOR UNDER ITEM NO. 713-15 AND BECOME THE PROPERTY OF THE CONTRACTOR.
- (8)

THE EXISTING FOOTINGS ARE TO BE REMOVED 6 INCHES BELOW GROUND LINE.
- (9)

THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS, EXCEPT THAT CUT-OUT DIRECT APPLIED COPY SHALL BE USED ON ALL FLAT SHEET SIGNS WITH A GREEN BACKGROUND, OR BROWN BACKGROUND.
- (10)

THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ERECTION.
- (11)

THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS.
- (12)

ALL SIGNS WHICH INTERFERE WITH CONSTRUCTION WILL BE RELOCATED OUTSIDE LIMITS OF CONSTRUCTION BY THE CONTRACTOR. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR WILL RESTORE THE SIGNS TO ORIGINAL LOCATION. THE CONTRACTOR SHALL CHECK WITH
- THE REGIONAL TRAFFIC ENGINEER PRIOR TO MOVING ANY PERMANENT SIGNS.
- TRAFFIC CONTROL DIRECTIONAL SIGNING
- (1)

ON ALL ACCESS CONTROLLED AND INTERSTATE RECONSTRUCTION AND NEW CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL UTILIZE ALL EXISTING DIRECTIONAL SIGNING FOR AS LONG AS POSSIBLE. THESE EXISTING SIGNS CAN BE MOVED USING TEMPORARY SUPPORTS AS NEEDED. AS SOON AS THESE EXISTING DIRECTIONAL SIGNS COME DOWN PERMANENTLY, THE CONTRACTOR SHALL HAVE UP AT LEAST ONE NEW TEMPORARY "ADVANCE GUIDE SIGN" AND ONE NEW TEMPORARY "EXIT DIRECTIONAL SIGN" AT ALL EXIT RAMPS. THESE SIGNS ARE TO BE MAINTAINED WITHIN CLEAR VIEW OF THE PUBLIC ON THE RIGHT SIDE OF THE HIGHWAY AND SHALL BE REPLACED IF DAMAGED, DURING ALL PHASES OF CONSTRUCTION, AS DIRECTED BY THE ENGINEER.

(2)

THE SIZE OF THESE NEW TEMPORARY SIGNS WILL BE DETERMINED BY THE MESSAGE. THE MESSAGE SHALL BE THE SAME AS THE EXISTING SIGN THAT THESE NEW TEMPORARY SIGNS WILL BE REPLACING. THE LETTER SIZE SHALL BE A MINIMUM OF 8 INCH, "D" UPPER CASE LETTER. THE DIRECTIONAL ARROW WILL BE A "B" ARROW AT A 45 DEGREE ANGLE (SAME ANGLE AS THE EXISTING ARROW). THE MATERIAL SHALL BE 0.100 INCH SHEET ALUMINUM; THE COLOR SHALL BE A REFLECTIVE GREEN BACKGROUND WITH REFLECTIVE WHITE COPY.

(3)

ALL WORK AND MATERIAL TO MAKE THESE NEW TEMPORARY DIRECTIONAL SIGNS ALONG WITH ADEQUATE SUPPORTS AND TO MOVE THEM AS NEEDED DURING EACH PHASE OF CONSTRUCTION WILL BE PAID FOR UNDER ITEM NO. (A) , AS DIRECTED BY THE ENGINEER.

(4)

SOME OF THESE DIRECTIONAL SIGNS WILL NEED AN INTERSTATE, U.S., OR A STATE HIGHWAY SHIELD, A CARDINAL DIRECTION, AND A DIRECTION ARROW TO ACCOMPANY THE DIRECTIONAL SIGN. THESE SIGNS SHALL BE MOUNTED BELOW THE DIRECTIONAL SIGN.

(5)

ALL EXISTING "EMERGENCY REFERENCE MARKERS" AND "HOSPITAL SIGNS" SHALL BE MAINTAINED WITHIN FULL VIEW OF THE MOTORING PUBLIC THROUGHOUT ALL PHASES OF CONSTRUCTION. ALL WORK IN MOVING AND TEMPORARY SUPPORTS SHALL BE PAID FOR UNDER ITEM NO. (B) .

(6)

WHEN "LOGO" SIGNS ARE ON ACCESS CONTROLLED AND INTERSTATE RECONSTRUCTION AND NEW CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THESE SIGNS IN FULL VIEW TO THE MOTORING PUBLIC DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE TO THE DEPARTMENT FOR THE REIMBURSEMENT OF THE SIGN FACE IF IT IS DAMAGED. ALL WORK IN MOVING THESE "LOGO" SIGNS AND THE TEMPORARY SUPPORTS ARE TO BE PAID FOR UNDER ITEM NO. (C) , AS DIRECTED BY THE ENGINEER. THE SUPPORTS FOR THE FINAL LOCATION OF THESE SIGNS WILL BE PAID FOR UNDER OTHER ITEMS OF CONSTRUCTION.
- CONSTRUCTION WORK ZONE & TRAFFIC CONTROL
- (1)

ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.

(2)

IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO. 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.

(3)

A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.

(4)

TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.

(5)

USE OF BARRICADES, PORTABLE BARRIER RAILS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY

ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

(6)

THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

(7)

ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

(8)

ALL DETOURS SHALL BE PAVED, STRIPED, SIGNED, AND FLEXIBLE DRUMS ARE TO BE IN PLACE BEFORE IT IS OPENED TO TRAFFIC.

(9)

THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING CONSTRUCTION SIGNS. THE COST OF THIS WORK SHALL BE INCLUDED IN ITEM NO. 712-06, SIGNS (CONSTRUCTION), S.F.

LIGHTING

(1)

INSTALLATION AND MATERIALS SHALL COMPLY WITH SECTIONS 714 AND 917 OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JANUARY 1, 2015 AND WITH THE LATEST REVISIONS TO THE NATIONAL ELECTRIC CODE, NFPA 70.

(2)

ALL WIRING SHALL BE CONCEALED UNDERGROUND IN 2-INCH SCHEDULE 40 PVC RIGID CONDUIT.

(3)

THE GROUND WIRE SHALL BE RUN INSIDE CONDUIT WITHIN STRUCTURES, SHALL BE COLORED GREEN AND HAVE THW INSULATION.

(4)

EXISTING FOUNDATIONS TO BE REMOVED A MINIMUM OF SIX INCHES BELOW GRADE.

(5)

ALL INCIDENTAL EQUIPMENT AND MATERIAL REQUIRED FOR THE SUCCESSFUL EXECUTION OF THIS WORK SHALL BE FURNISHED IN 714 ITEMS WHETHER SPECIFICALLY NOTED OR NOT.

(6)

LIGHT STANDARDS SHALL BE ROUND TAPERED POLES. LENGTH SHALL BE DETERMINED BY REQUIRED MOUNTING HEIGHT.

(7)

STANDARDS SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS.

(8)

STANDARDS SHALL BE DESIGNED FOR 80-MPH WIND PRESSURE AND SHALL SUPPORT A 62-POUND LUMINAIRE ON A 15-FOOT ARM.

(9)

ALL NEW ROADWAY LIGHT STANDARDS SHALL BE MOUNTED ON BASES WITH ACCESS DOOR. TRANSFORMER BASES SHALL MEET AASHTO SPECIFICATIONS AND HAVE FHWA APPROVAL. STANDARDS SHALL BE ALUMINUM WITH TRANSFORMER BASES.

(10)

BRACKET ARMS SHALL BE ROUND TAPERED TRUSS TYPE WITH STRAP MOUNTING AND LENGTHS AS SCHEDULED.

(11)

BRACKET ARM UPSWEEP SHALL BE THE SAME FOR ALL LIGHT STANDARDS OF THE SAME TYPE.

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INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SPECIAL NOTES

GRADING

- (1)

THE GRADING TABULATIONS AND RESULTING EARTHWORK ASSOCIATED BID QUANTITIES WERE PREPARED UTILIZING AVAILABLE GEOTECHNICAL INFORMATION AND/OR REPORTS PREPARED FOR THIS PROJECT. THIS INFORMATION IS PROVIDED FOR GENERAL INFORMATION AND ESTIMATION GUIDANCE ONLY.
- (2)

BORING DEPICTIONS SHOWN ON THE FOUNDATION DATA SHEETS, SOILS SHEETS, PLANS, AND CROSS-SECTIONS INDICATE SOIL AND ROCK CONDITIONS AT THE SPECIFIC BORING LOCATIONS. ANY SOIL PROFILE AND/OR ROCK LINE IS INTERPRETIVE BASED ON THE JUDGMENT OF THE GEOTECHNICAL ENGINEER/GEOLOGIST. THE TRANSITION BETWEEN BORINGS AND LAYERS MAY VARY SIGNIFICANTLY DEPENDING ON THE GEOLOGIC FORMATIONS ENCOUNTERED.
- (3)

TO ASSIST IN BID PREPARATION FOR EARTHWORK AND FOUNDATION CONSTRUCTION, DETAIL ROCK AND SOIL DESCRIPTION AND ON SOME PROJECTS, ROCK CORE SAMPLES ARE AVAILABLE FOR INSPECTION AT THE MATERIALS AND TESTS HEADQUARTERS AT 6601 CENTENNIAL BOULEVARD, NASHVILLE, TN OR AT THE TDOT REGION 1 BUILDING IN KNOXVILLE, TN.
- (4)

THE CONTRACTOR SHALL UTILIZE ALL INFORMATION PROVIDED IN THE PLANS, CROSS-SECTIONS AND CONTRACT DOCUMENTS INCLUDING ANY SPECIAL PROVISIONS AS WELL AS UTILIZING HIS PAST EXPERIENCE WITH PROJECTS OF SIMILAR NATURE, SCOPE AND LOCATION IN PREPARATION OF HIS BID FOR EARTHWORK ITEMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND PROVIDE EQUIPMENT AND MEANS NECESSARY TO CONDUCT THE EXCAVATION ACTIVITIES IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- (5)

EARTHWORK IS PAID FOR UNDER ITEM NO. 203-01, ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED). NO ADDITIONAL PAYMENT WILL BE MADE FOR EARTHWORK QUANTITIES BASED SOLELY ON A CLAIM THAT THE QUANTITIES SHOWN IN THE GRADING TABULATION OR ELSEWHERE IN THE PLANS ARE INACCURATE WITH RESPECT TO THE TYPE OF MATERIALS ENCOUNTERED DURING CONSTRUCTION EXCEPT AS PROVIDED FOR BY SECTION 104.02 IN THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS AMENDED IN SUPPLEMENTAL SPECIFICATIONS.

9-205.00

DEMOLITION

DEMOLITION, REPAIR, OR REHABILITATION OF BRIDGES

- (1)

THE CONTRACTOR SHALL VERIFY THAT AN ASBESTOS SURVEY HAS BEEN COMPLETED PRIOR TO ANY DEMOLITION, REPAIR OR REHABILITATIONS ACTIVITIES (NOT INCLUDING ASPHALT MILLING OR OVERLAY).
- (2)

ASBESTOS-CONTAINING MATERIALS (ACM) ABATEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE COMPLETED PRIOR TO ANY DEMOLITION, REPAIR OR REHABILITATION OF BRIDGE(S). ABATEMENT SHOULD BE ACCOMPLISHED PER SP202ACM SPECIAL PROVISION REGARDING REMOVAL OF ASBESTOS-CONTAINING MATERIALS. STATE OF TENNESSEE ASBESTOS ACCREDITATION REQUIREMENTS (TCA 1200-01-20) MANDATE THAT ACM ABATEMENT WORK BE PERFORMED BY AN ACCREDITED FIRM (CONTRACTOR) USING ACCREDITED ABATEMENT WORKERS AND SUPERVISORS.
- (3)

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A NOTICE TO THE TDEC, DIVISION OF AIR POLLUTION CONTROL TEN (10) DAYS IN ADVANCE OF ANY ACM ABATEMENT, DEMOLITION, OR MAJOR REPAIR INVOLVING THE REMOVAL/REPLACEMENT OF A STRUCTURAL COMPONENT.

PAVEMENT

RESURFACING

- (1)

TRAFFIC WILL BE ALLOWED TO TEMPORARILY DRIVE ON THE MILLED SURFACE OF THE ROADWAY UNDER THE FOLLOWING CONDITIONS ONLY:

A.

THE MILLED SURFACE IS FINE TEXTURED. THE FINE TEXTURE SHALL BE OBTAINED BY A MILLING MACHINE UTILIZING A MILLING HEAD WITH TEETH SPACING 3/8" OR LESS OPERATING AT LESS THAN 80 FEET PER MINUTE.

B.

THE SURFACE SHALL BE SWEEPED AND CLEANED OF ALL LOOSE MATERIALS.

C.

THE MILLED SURFACE SHALL BE PAVED WITHIN 72 HOURS IF THE CURRENT ADT IS ≥ 70,000 OR WITHIN 96 HOURS IF THE CURRENT ADT IS < 70,000.

- D.

RAIN OR INCLEMENT WEATHER IS NOT EXPECTED OR FORECASTED WITHIN 48 HOURS AFTER MILLING.
- E.

ALL APPLICABLE SIGNING IS INSTALLED IN ACCORDANCE WITH THE MUTCD. SIGNING SHALL INCLUDE MOTORCYCLE WARNING SIGNS (TN-64) PLACED IN ADVANCE OF ANY MILLED AREAS
- F.

IF MILLED SURFACE BEGINS TO DETERIORATE, PAVING TO COVER UP DETERIORATING MILLED SURFACES SHOULD OCCUR AS DIRECTED BY THE ENGINEER DURING THE NEXT WORKING DAY. IF SEVERE DISTRESS OCCURS, IMMEDIATE RESPONSE WILL BE REQUIRED.
- G.

ONLY ONE LANE IN EACH DIRECTION SHALL HAVE A MILLED SURFACE AT ONE TIME.
- (2)

THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK:

A.

BROOMING & DEGRASSING SHALL INCLUDE NOTCHING THE GRAVEL SHOULDER PRIOR TO MILLING. THE NOTCH SHALL BE 1.5 IN DEEP AND 2 FT WIDE, OR AS DIRECTED BY THE TDOT PROJECT ENGINEER.

B.

ALL MATERIAL FROM NOTCHING AND BROOMING SHOULDERS SHALL BE PICKED UP, REMOVED AND PROPERLY DISPOSED AS DIRECTED BY THE TDOT PROJECT ENGINEER.

C.

ALL COSTS ASSOCIATED WITH NOTCHING, PICKING UP, REMOVAL AND PROPER DISPOSAL SHALL BE PAID FOR UNDER ITEM NO.

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SPECIAL NOTES

ENVIRONMENTAL NOTES

SUBSECTION 1 – ENVIRONMENTAL GENERAL NOTES

ENVIRONMENTAL GENERAL NOTES

NATURAL RESOURCES

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

SPECIES

- (10) NO ACTIVITY MAY SUBSTANTIALLY DISRUPT THE MOVEMENT OF THOSE SPECIES OF AQUATIC LIFE INDIGENOUS TO THE WATER BODY, INCLUDING THOSE SPECIES THAT NORMALLY MIGRATE THROUGH THE AREA.
- (11) SHOULD CLIFF SWALLOW OR BARN SWALLOW NESTS, EGGS, OR BIRDS (YOUNG AND ADULTS) BE PRESENT, THE CONTRACTOR SHALL CONTACT THE REGIONAL ECOLOGY OFFICE TO DETERMINE IF SEASONAL RESTRICTIONS WILL BE NECESSARY. GENERALLY, BIRDS, NESTS, AND

EGGS MAY NOT BE DISTURBED BETWEEN APRIL 15 AND JULY 31. FROM AUGUST 1 TO APRIL 14, NESTS CAN BE REMOVED OR DESTROYED SO LONG AS BIRDS OR EGGS ARE NOT PRESENT, AND MEASURES IMPLEMENTED TO PREVENT FUTURE NEST BUILDING AT THE SITE (I.E., CLOSING OFF AREA USING NETTING).

- (12) IF THE REMOVAL OF ANY TREES WITH A DIAMETER AT BREAST HEIGHT (DBH) GREATER THAN 3 INCHES IS DEEMED NECESSARY THE TDOT SUPERVISOR SHALL CONTACT THE TDOT ENVIRONMENTAL DIVISION, ECOLOGY SECTION IMMEDIATELY.

PERMITS, PLANS & RECORDS

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

SUPPORT ACTIVITIES

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

SUBSECTION 2 – ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL SPECIAL NOTES

ENVIRONMENTAL

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

ECOLOGY

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

PROJECT COMMITMENTS

- (5) SEE PROJECT COMMITMENTS, SHEET 2, FOR DETAILS RELATING TO SPECIAL ENVIRONMENTAL COMMITMENTS REQUIRED BY THIS PROJECT.

SCOPE OF WORK

- (6) I-40 BRIDGE REPLACEMENTS AND REST AREA TRUCK PARKING TO INCLUDE GRADING, BRIDGE REPLACEMENT, DRAINAGE, PAVING, SIGNING, LIGHTING, AND STRIPING.

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ENVIRONMENTAL
NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	2F

DISTURBED AREA		
IN BETWEEN SLOPE LINES	34.670	(AC)
15 FOOT WIDE STRIP (OUT SIDE SLOPE LINES)	6.370	(AC)
TOTAL DISTURBED AREA	41.040	(AC)

STORM DRAINAGE PIPES												
SHEET NO.	INLET		OUTLET		% GRADE	REINFORCED CONCRETE PIPE - CLASS, ITEM NO., SIZE & LENGTH (FT.)						
						CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III	CLASS III
	CODE NO.	OUTLET ELEV.	CODE NO.	INLET ELEV.		607-02.02 15"	607-03.02 18"	607-05.02 24"	607-06.02 30"	607-07.02 36"	607-08.02 42"	607-09.03 48"
	100	513.26	101	513.19	0.50%	15'						
	102	511.77	103	511.13	0.50%	124'						
	103	510.93	EW-E1	503.94	6.40%	109'						
	104	518.58	105	517.70	1.20%		69'					
	CB37	519.80	CB38	519.50	0.90%		33'					
	CB38	519.30	MH1	519.00	0.80%		35'					
	CB35	524.39	CB36	524.29	0.60%		14'					
	CB36	524.12	EW10	523.95	0.40%		43'					
	CB39	523.47	CB24	523.30	0.79%		19'					
	CB24	523.13	EW6	523.02	0.55%		19'					
TOTALS						233'	232'					

STORM DRAIN ENDWALLS									
LOCATION \ SHEET NO.	STATION	OFFSET (FT.)	SKEW	CODE	TYPE	STANDARD DRAWING NO.	SAFETY ENDWALLS (ITEM NO. 611-07.54 THRU 611-07.71 SERIES)		
							18 IN.	18 IN.	
							3:1 07.54 (EACH)	6:1 07.56 (EACH)	
ACCESS ROAD	700+17.33	49.13		EW10	U	D-PE-18A		1	
ACCESS ROAD	705+39.46	-30.78		EW6	U	D-PE-18A	1		
TOTALS							1	1	

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TABULATED QUANTITIES

SPECIAL DITCHES							
ROADWAY	STATION		SIDE	CONFIGURATION			ECB (TYPE II) 805-12.02 (S.Y.)
	FROM	TO		FORE (H/V)	BOTTOM WIDTH (FT.)	BACK (H/V)	
RAMP A	12+00	17+00	LT	4	0	VARIES	463
RAMP B	46+00	56+50	RT	4	0	2	717
INDEPENDENT DITCH B	33+56.00	16+56.12		4	0	4	346
INDEPENDENT DITCH C	0+00	2+22.75		VARIES	0	2	158
PARKING LOT ACCESS	11+77.29	14+01.20		4	0	4	209
TOTALS							1893

RIPRAP DITCHES							
ROADWAY	STATION		SIDE	DETAIL NO.	MACHINED RIPRAP		GEO-TEXTILE
	FROM	TO			CLASS A3	CLASS A1	TYPE III
					709-05.05 (C.Y.)	709-05.06 (C.Y.)	740-10.03 (S.Y.)
INDEPENDENT DITCH A	0+00	16+56.12				3324	4311
PARKING LOT ACCESS	7+09	12+75				524	718
TOTALS						3848	5029

CROSS DRAIN TABULATION																					
STATION	SKEW	RCP CLASS III OR CMP 14 GA OR PVC OR SRTRP OR HDPE OR PP FILL HEIGHT ≤ 16 FT. (L.F.)						RCP CLASS III OR CMP 14 GA OR PVC FILL HEIGHT > 16 FT. AND ≤ 24 FT (L.F.)						RIP-RAP FOR PIPE INLETS OR OUTLETS		END TREATMENT				GEO- TEXTILE TYPE III 740-10.03 (S.Y.)	REMARKS
														CL. B 709-05.08 (TON)	CL. C 709-05.09 (TON)	INLET		OUTLET			
		18"	24"	30"	36"	42"	48"	18"	24"	30"	36"	42"	48"			TYPE	DRAWING NO.	TYPE	DRAWING NO.		
PARKING ACCESS RD		108													147	"U"	D-PE-18A	"U"	D-PE-18A		
PARKING ACCESS RD					102											"U"	D-PE-36A	"U"	D-PE-48A	72	
PARKING ACCESS RD	74°	101												2		"U"	D-PE-18A	"U"	D-PE-18A	2	
ACCESS RD														6						4	EXISTING OUTLET
TOTALS		209			102									8	147					78	Pipe Tabulation For Local Roadways

CROSS DRAIN \ MEDIAN DRAIN ENDWALLS													
LOCATION	STATION	OFFSET (FT.)	SKEW	CODE	TYPE	STANDARD DRAWING NO.	RIP-RAP CLASS B 709-05.08 (TON)	GEO- TEXTILE TYPE III 740-10.03 (S.Y.)	PROTECTED ENDWALLS		SAFETY ENDWALLS (ITEM NO. 611-07.54 THRU 611-07.71 SERIES)		
									CLASS "A" CONCRETE	STEEL BAR REINFORCING	18 IN. 3:1 07.54 (EACH)	36" IN. 6:1 07.65 (EACH)	48" IN. 4:1 07.70 (EACH)
I-40	550+75.00	73.17		105	STR	D-PE-4	8	6	1.0	45			
PARKING LOT				EW1	U	D-PE-18A					1		
				EW2	U	D-PE-36A						1	
				EW3	U	D-PE-48A							1
				EW4	U	D-PE-18A					1		
				EW5	U	D-PE-18A					1		
				EW7	U	D-PE-18A					1		
TOTALS							8	6	1.0	45	4	1	1

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CATCH BASINS AND MANHOLES														
SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/ TOP ELEV.	INVERT ELEV.	DEPTH (FT.)	INSIDE DIM.	STANDARD DRAWING NO.	PAY ITEMS				
										TYPE 46 611-46.02 4'-8'	TYPE 12 611-12.01 0'-4'	TYPE 12 611-12.02 4'-8'	TYPE 42 611-42.01 0'-4'	TYPE 42 611-42.02 4'-8'
	I-40	540+22.00		102	514.77	511.77	3.21	32"X32"	D-CB-42S				1	
	I-40	541+48.50		103	515.28	510.93	4.35	32"X32"	D-CB-42S					1
	I-40	550+75.00		104	523.03	518.58	4.45	9'X9'	D-CB-46SE	1				
	RAMP D	154+00.00	1.81	100	517.16	513.26	3.90	4'X3'	D-CB-12S		1			
	RAMP D	154+00.00	-17.84	101	516.84	512.94	3.90	4'X3'	D-CB-12S		1			
	ACCESS ROAD	700+09.66	-13.26	CB35	528.18	524.39	3.79	4'X3'	D-CB-12S		1			
	ACCESS ROAD	700+09.87	8.70	CB36	528.26	524.12	4.14	4'X3'	D-CB-12S			1		
	ACCESS ROAD	702+13.20	-24.53	CB37	526.27	519.8	6.47	4'X3'	D-CB-12S			1		
	ACCESS ROAD	702+06.36	12.23	CB38	526.26	519.3	6.96	4'X3'	D-CB-12S			1		
	PARKING LOT	705+40.00	-11.89	CB24	527.43	523.13	4.30	4'X3'	D-CB-12S			1		
	ACCESS ROAD	705+40.00	12.06	CB39	527.43	523.47	3.96	4'X3'	D-CB-12S		1			
TOTALS										1	4	4	1	1

PROPOSED CONCRETE BARRIER WALL AND MEDIAN BARRIER WALL							
SHEET NO.	LOCATION	SIDE		STATION		51 IN SINGLE SLOPE CONCRETE BARRIER WALL 711-05.71 (L.F.)	REMARKS
		LT	RT	FROM	TO		
	INTERSTATE 40	X		546+23.50	553+25.00	702	INCLUDES BARRIER WALL ON BRIDGE
TOTALS						702	

PAVEMENT QUANTITIES												
LOCATION (ROADWAY)	TYPE - GRADE - PAY ITEM (TON)									COLD PLANING BITUMINOUS PLANT MIX		
	MINERAL AGG.	BITUMINOUS PLANT MIX BASE (HOT MIX)			PRIME COAT		TACK COAT	ASPHALTIC CONCRETE SURFACE (HOT MIX)				
	D	A	A-S	B-M2				D	E	TON	S.Y.	C.Y.
	303-01	307-02.01	307-01.21	307-01.08	402-01	402-02	403-01	411-02.10	411-02.11	415-01.01	415-01.02	415-01.03
I-40	9329.0	2107.0	1658.0	2294.0	93.0	326.0	10.0	789.0	558.0			
RAMP A	833.0	291.0	239.0	356.0	18.0	63.0	2.0	224.0	174.0			
RAMP B	347.0	120.0	99.0	392.0	13.0	42.0	2.0	119.0	114.0			
RAMP C					5.0	12.0		151.0				
RAMP D	1267.0	333.0	262.0	318.0	14.0	48.0	3.0	120.0	59.0			
ACCESS RD	1247.0	399.0	312.0		11.0	35.0	3.0	142.0	13.0			
TOTALS	13023.0	3250.0	2570.0	3360.0	154.0	526.0	20.0	1545.0	918.0			

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ESTIMATED GRADING QUANTITIES						
DESCRIPTION	UNADJUSTED VOLUMES (CY)		ADJUSTED VOLUMES (CY)	BALANCE SUMMARY		
	EXC.	EMB.	EXC.	SHRINK = <div></div> %	SWELL = <div></div> %	
I-40	2791	4825	2791	EXC.	EMB.	
PARKING LOT	110199	66971	110199			
SIDE ROADS	1552	407	1552			
RAMPS	20924	13805	20924			
INDEPENDENT DITCHES						
TEMPORARY CONSTRUCTION EXITS						
OTHER (BRIDGE EXCAVATION, PAVEMENT, ETC...)						
TOPSOIL (EMB.)	5315					
TOPSOIL (EXC.)				135466	VS.	-86008
				AVAILABLE	=	49458
TOPSOIL TOTALS (SEE TOPSOIL TABLE)				WASTE MATERIAL	=	49458
ROCK (C.Y.)		TOTALS (C.Y.)				
EXC.	EMB.	EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)
0	0	140781	86008	140781	135466	135466

TOPSOIL							
IF EXISTING TOPSOIL IS SUITABLE FOR REUSE							
PROPOSED SLOPE AREA S.F.	EXISTING TOPSOIL (EXC.)	EXISTING TOPSOIL (EMB.)	EXISTING TOPSOIL (TOTAL) C.Y.	REQUIRED TOPSOIL C.Y.	PLACING TOPSOIL 203-04 C.Y.	FURNISHED TOPSOIL 203-07 C.Y.	EXCESS TOPSOIL C.Y.
573997	3242	2073	5315	10630	5315	5315	0
IF EXISTING TOPSOIL IS NOT SUITABLE FOR REUSE							
PROPOSED SLOPE AREA S.F.	EXISTING TOPSOIL (EXC.)	EXISTING TOPSOIL (EMB.)	EXISTING TOPSOIL (TOTAL) C.Y.	REQUIRED TOPSOIL C.Y.	PLACING TOPSOIL 203-04 C.Y.	FURNISHED TOPSOIL 203-07 C.Y.	EXCESS TOPSOIL C.Y.
0	N/A	N/A	N/A	0	N/A	0	N/A

PROPOSED GUARDRAIL											
SHEET NO.	LOCATION	SIDE		STATIONS		GUARDRAIL			TERMINAL ANCHORS		REMARKS
						THRIE BEAM BRIDGE TRAN. MASH TL-3 (33.00')	W BEAM GR (TYPE 2) MASH TL3	GUARDRAIL REOMOVED	TYPE 13 MASH TL3 (9.375')	TYPE 38 MASH TL3 (46.875')	
		LT	RT	FROM	TO	705-06.25 EACH	705-06.01 (L.F.)	706-01 (L.F.)	705-06.10 (EACH)	705-06.20 (EACH)	
	INTERSTATE 40		X	531+17.79	546+23.56	1.000	1437.50			1	
	INTERSTATE 40		X	531+62.23	546+23.56	1.000	1437.50		1		
	INTERSTATE 40		X	541+88.75	546+25.64	1.000	400.00		1		
	INTERSTATE 40		X	541+56.80	546+25.46	1.000	387.50			1	
	INTERSTATE 40		X	549+93.33	553+25.00	1.000	250.00	139		1	
	INTERSTATE 40		X	549+93.33	553+25.00	1.000	287.50		1		
	INTERSTATE 40			550+58.05	553+09.50			502			EXISTING GUARDRAIL IN MEDIAN
TOTALS						6.000	4200	641	3	3	

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TABULATED QUANTITIES

UTILITY

- (1)

THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS, AND/OR MAPS PREPARED BY OTHERS. THEREFORE, RELIANCE UPON THE TYPE, SIZE, AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION, AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. IN TENNESSEE, IT IS A REQUIREMENT, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE (3) OR NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- (2)

UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.
- (3)

THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (4)

PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.
- (5)

THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC AT 1-800-351-1111 WILL BE REQUIRED.
- (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 (ADD PLAN SHEET NUMBERS HERE). ANY VIOLATIONS OF THE ABOVE MENTIONED WILL RESULT IN NON-COMPLIANCE WITH THE ENVIRONMENTAL PERMIT REQUIREMENTS.

UTILITY OWNERS

TELEPHONE AND FIBER OPTIC:
DTC COMMUNICATIONS

111 HIGH STREET
ALEXANDRIA, TN 37012
CONTACT: BRENT ADCOCK
OFFICE PHONE: 615 464 2801
OFFICE PHONE: 800 367 4274

AT&T

116 SOUTH CANNON AVENUE
MURFREESBORO, TN 37129
CONTACT: KENNETH LEE KORNEGAY
OFFICE PHONE: 615 848 2082
CELL PHONE: 615 631 7221

NORTH CENTRAL TELEPHONE

872 HWY 52 BYPASS EAST P.O. BOX 70
LAFAYETTE, TN 37083
CONTACT: TROY DAVIS
OFFICE PHONE: 615 888 6058
EMAIL: TRDAVIS@NCTC.COM

POWER:

UPPER CUMBERLAND ELECTRIC MEMBERSHIP CORP.

138 GORDONSVILLE HIGHWAY
CARTHAGE, TN 37030
CONTACT: RICHARD MCCLAHAN
OFFICE PHONE: 615 735 2940
Email: RMCCLANAHAN@UCEMC.COM

WATER & SEWER:

SMITH UTILITY DISTRICT

136 S. MAIN STREET
CARTHAGE, TN 37030
CONTACT: MACK GANN
OFFICE PHONE: 615 735 2793
CELL PHONE: 615 516 5333
EMAIL: SMITHUD@DTCCOM.NET

DOUBLE SPRINGS UTILITY DISCTRICT

2677 W BROAD ST.
COOKEVILLE, TN 38501
OFFICE PHONE: 931 526 3827

GAS:

MIDDLE TENNESSEE NATURAL GAS

1030 W. BROAD STREET
SMITHVILLE, TN 37166
CONTACT: MATT STENNETT, PE
OFFICE PHONE: 615 597 0515
CELL PHONE: 931 239 9111
EMAIL: MSTENNETT@MTNG.COM

CABLE:

COMCAST / XFINITY

660 MAINSTREAM DRIVE
NASHVILLE, TN 37228
CONTACT: KEVIN NIPPER
CELL PHONE: 615 626 3325
EMAIL: KEVINLEE_NIPPER@COMCAST.COM

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	3

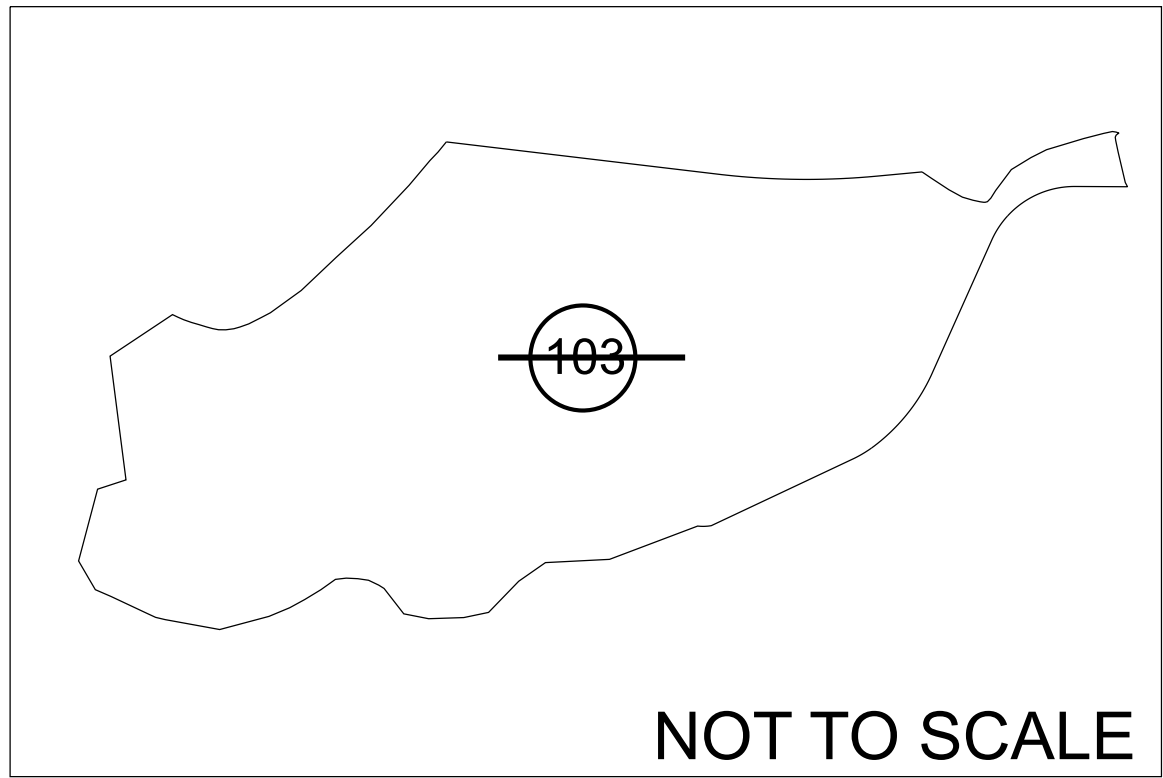
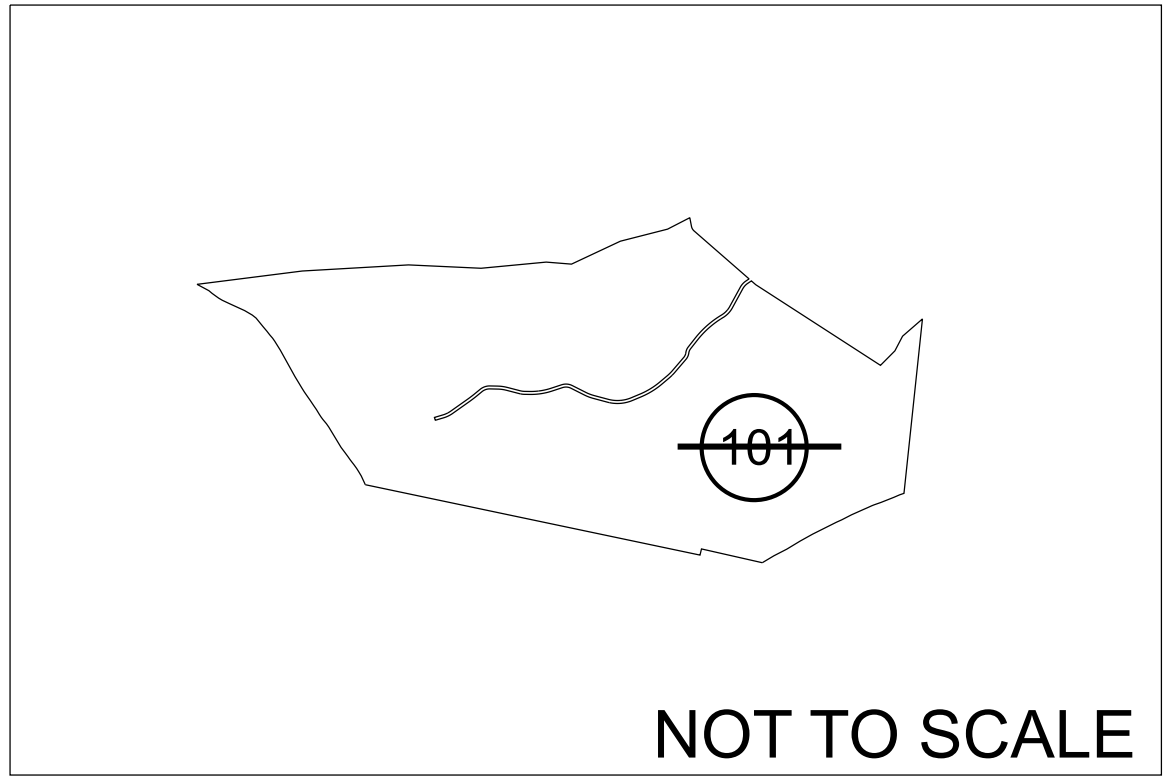
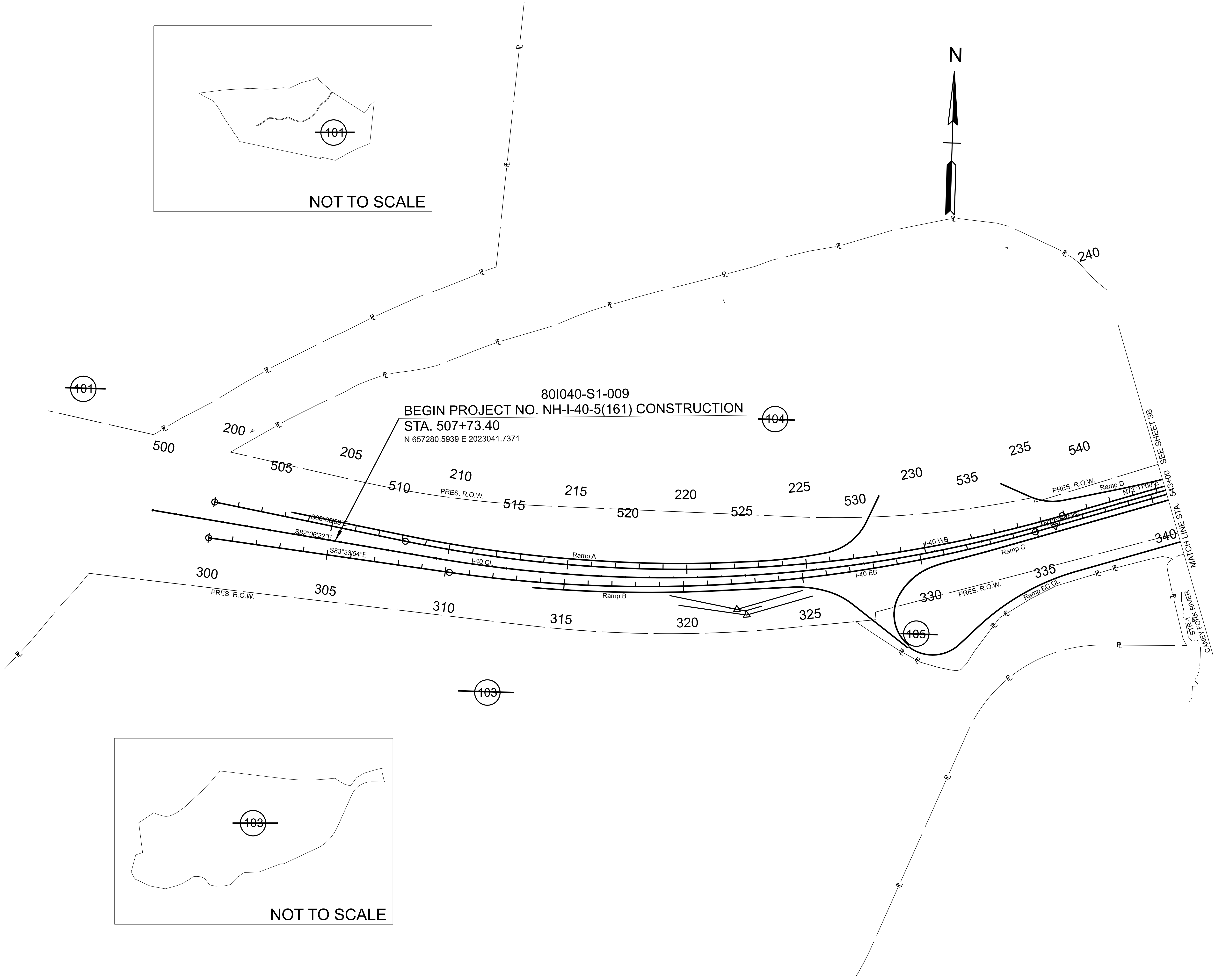
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INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

UTILITY NOTES
AND
UTILITY OWNERS

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	3A



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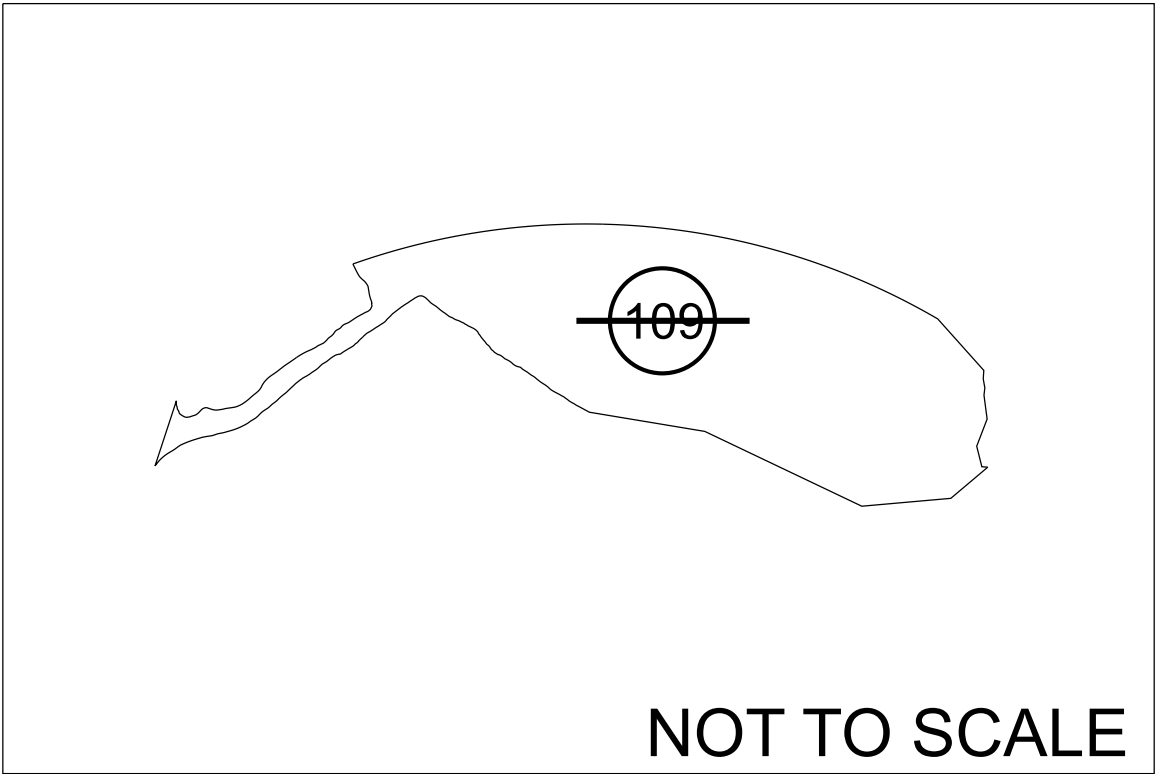
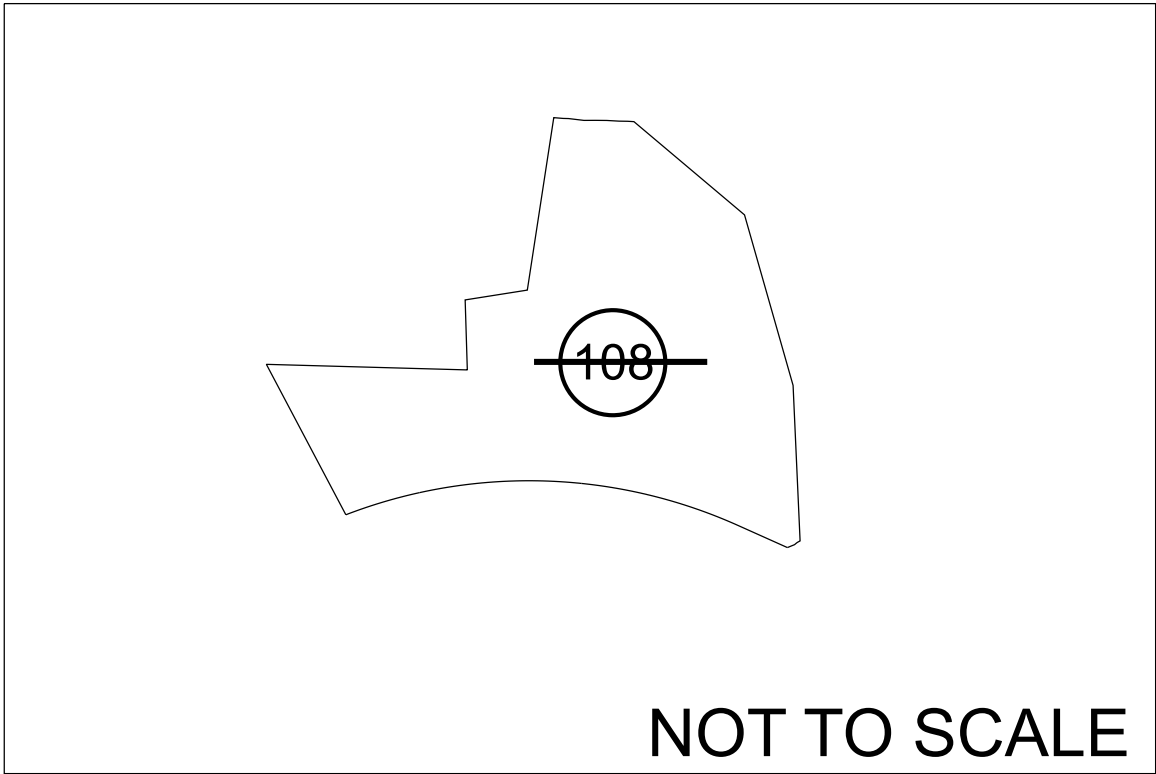
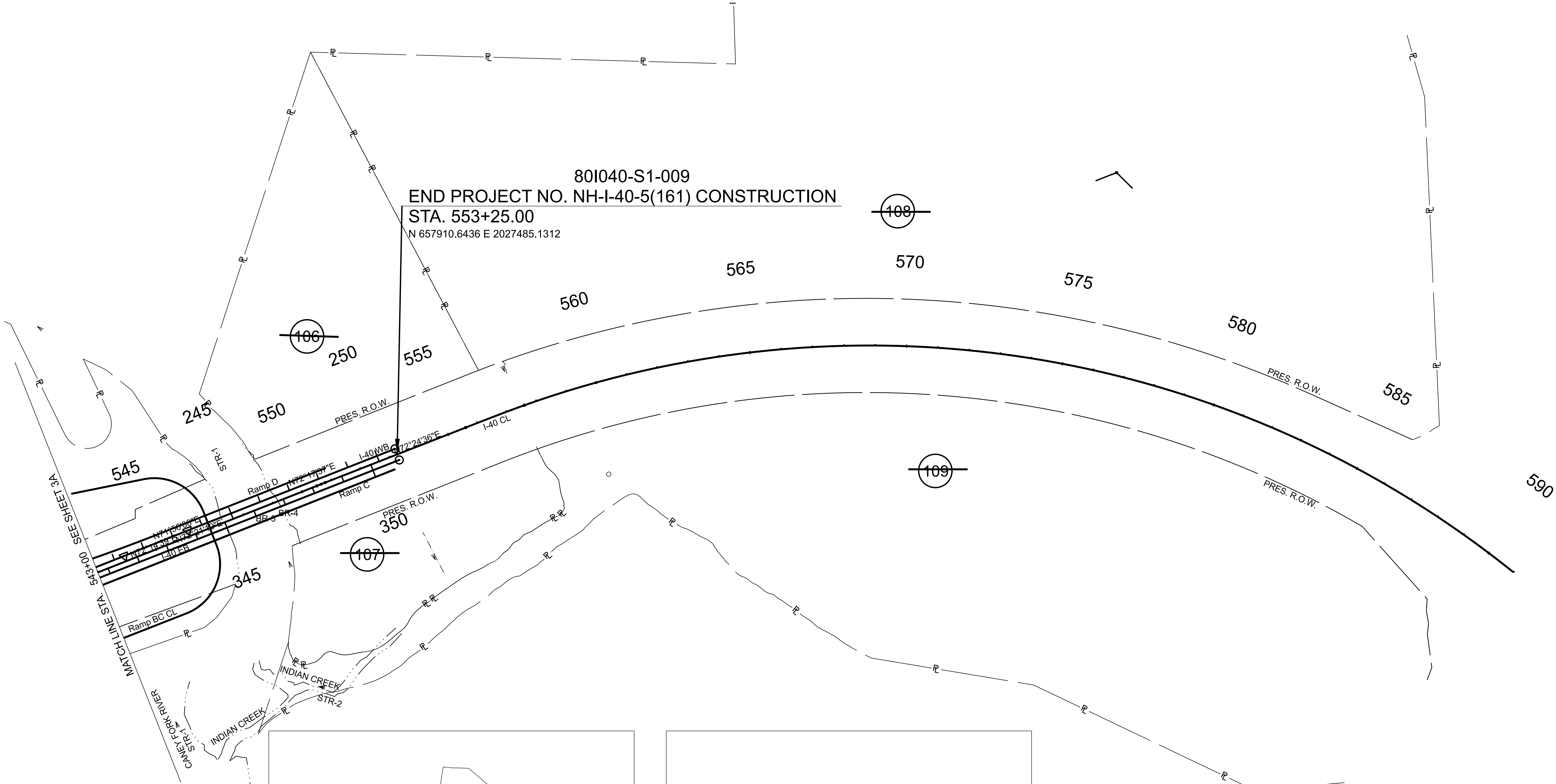
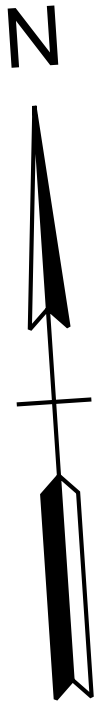
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 495+00.00 TO STA. 543+00.00
SCALE: 1" = 200'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	3B



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INFO ONLY

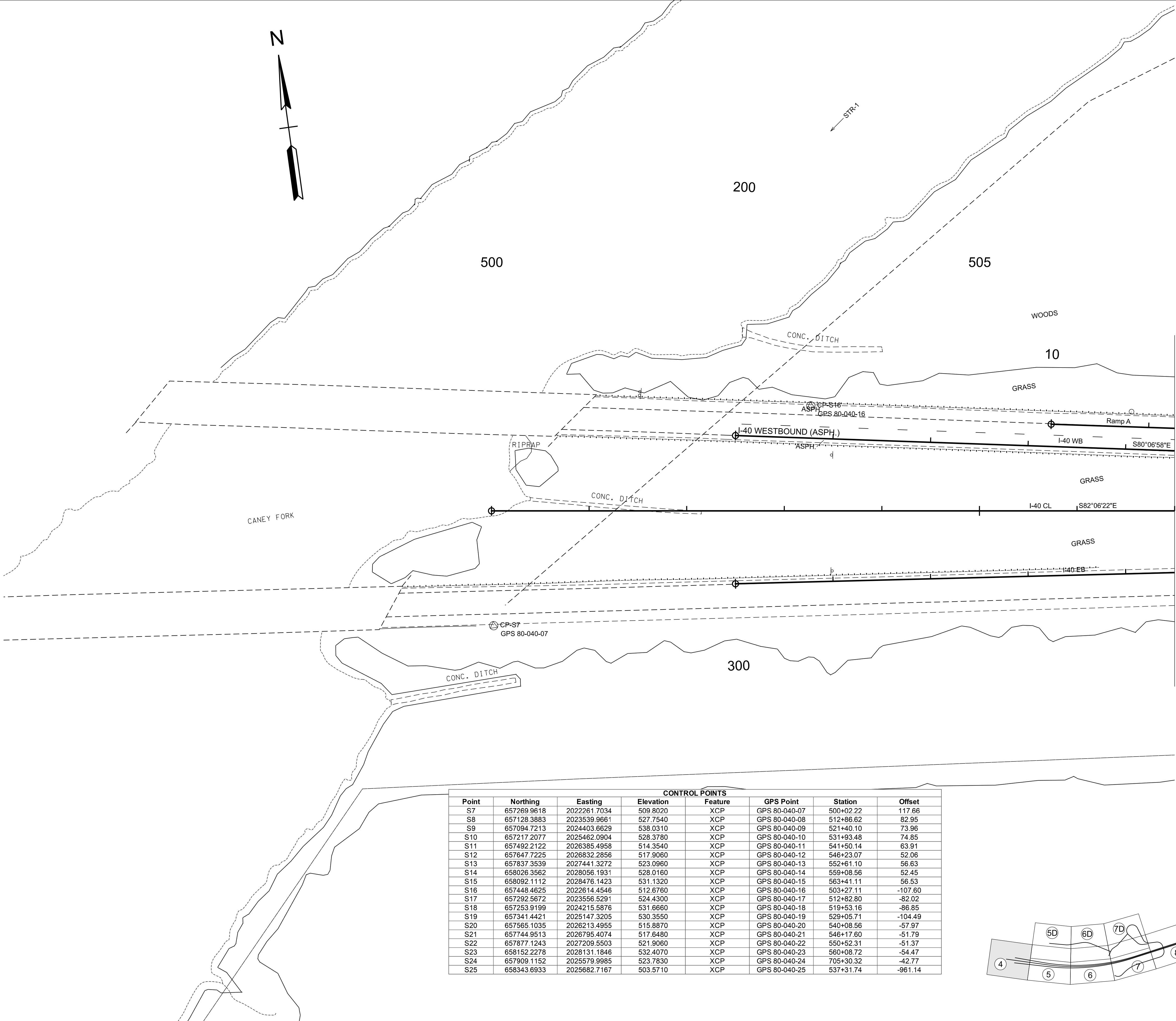
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY
MAP

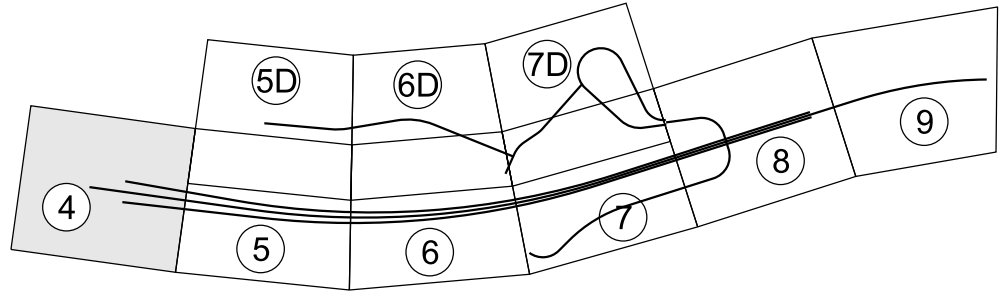
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SCALE: 1" = 200'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	4



MATCH LINE STA. 507+00 SEE SHEET NO. 5

CONTROL POINTS							
Point	Northing	Easting	Elevation	Feature	GPS Point	Station	Offset
S7	657269.9618	2022261.7034	509.8020	XCP	GPS 80-040-07	500+02.22	117.66
S8	657128.3883	2023539.9661	527.7540	XCP	GPS 80-040-08	512+86.62	82.95
S9	657094.7213	2024403.6629	538.0310	XCP	GPS 80-040-09	521+40.10	73.96
S10	657217.2077	2025462.0904	528.3780	XCP	GPS 80-040-10	531+93.48	74.85
S11	657492.2122	2026385.4958	514.3540	XCP	GPS 80-040-11	541+50.14	63.91
S12	657647.7225	2026832.2856	517.9060	XCP	GPS 80-040-12	546+23.07	52.06
S13	657837.3539	2027441.3272	523.0960	XCP	GPS 80-040-13	552+61.10	56.63
S14	658026.3562	2028056.1931	528.0160	XCP	GPS 80-040-14	559+08.56	52.45
S15	658092.1112	2028476.1423	531.1320	XCP	GPS 80-040-15	563+41.11	56.53
S16	657448.4625	2022614.4546	512.6760	XCP	GPS 80-040-16	503+27.11	-107.60
S17	657292.5672	2023556.5291	524.4300	XCP	GPS 80-040-17	512+82.80	-82.02
S18	657253.9199	2024215.5876	531.6660	XCP	GPS 80-040-18	519+53.16	-86.85
S19	657341.4421	2025147.3205	530.3550	XCP	GPS 80-040-19	529+05.71	-104.49
S20	657565.1035	2026213.4955	515.8870	XCP	GPS 80-040-20	540+08.56	-57.97
S21	657744.9513	2026795.4074	517.6480	XCP	GPS 80-040-21	546+17.60	-51.79
S22	657877.1243	2027209.5503	521.9060	XCP	GPS 80-040-22	550+52.31	-51.37
S23	658152.2278	2028131.1846	532.4070	XCP	GPS 80-040-23	560+08.72	-54.47
S24	657909.1152	2025579.9985	523.7830	XCP	GPS 80-040-24	705+30.32	-42.77
S25	658343.6933	2025682.7167	503.5710	XCP	GPS 80-040-25	537+31.74	-961.14



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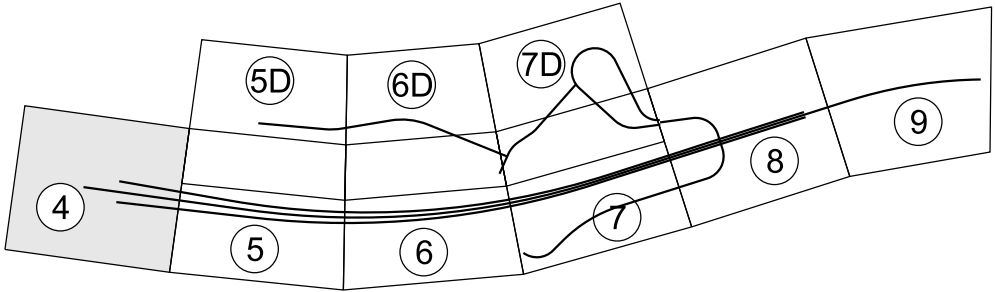
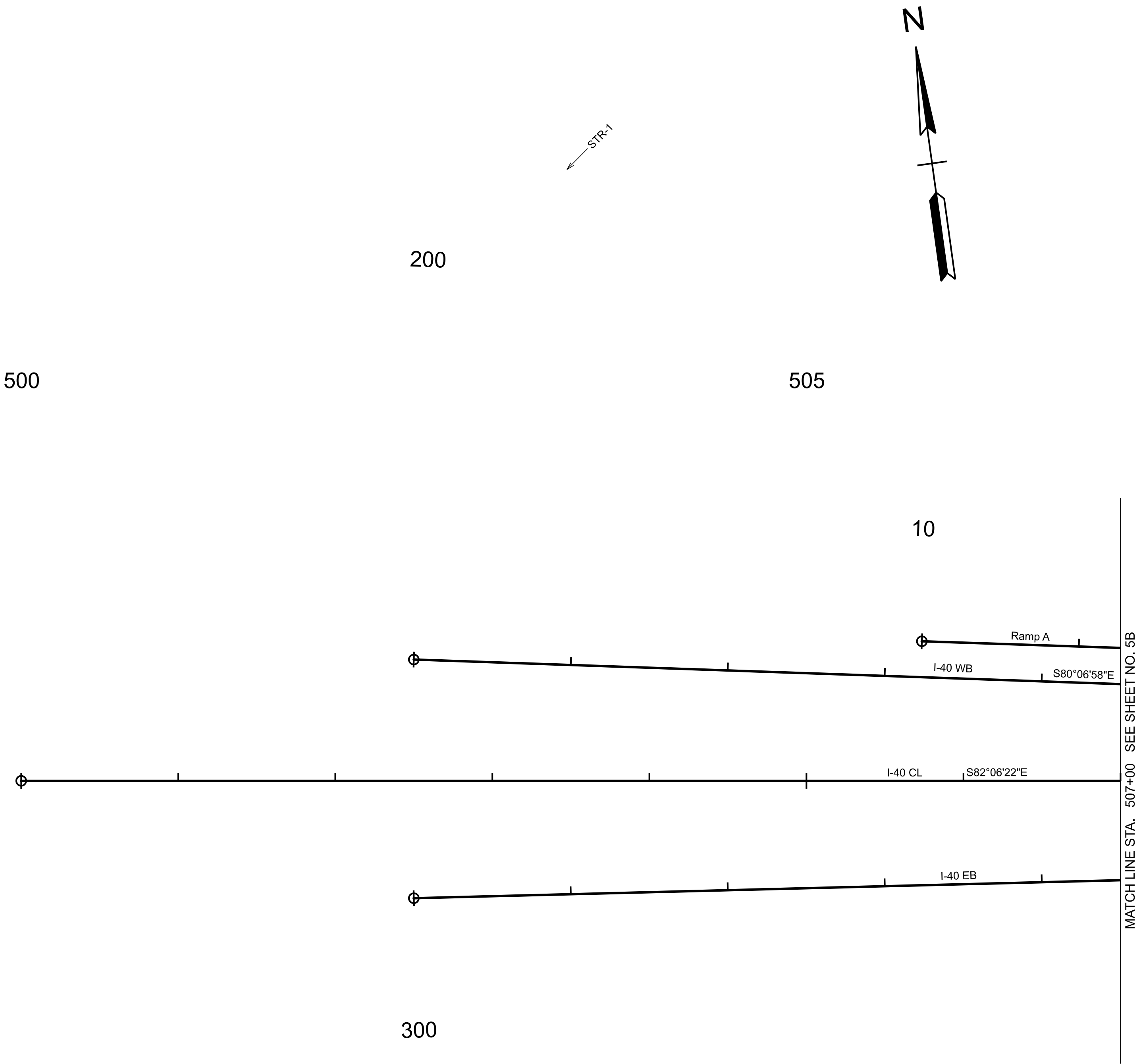
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

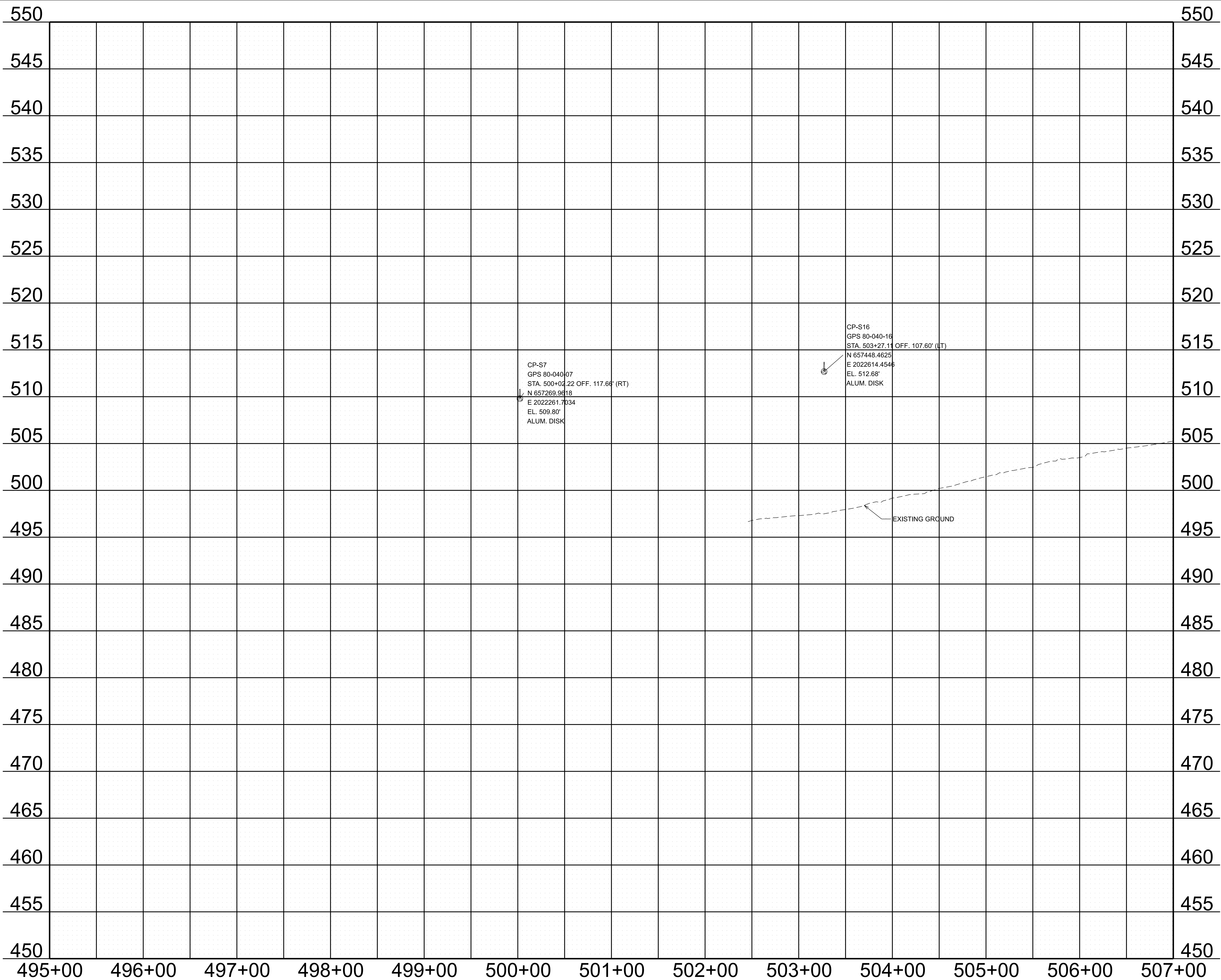
STA. 495+00.00 TO STA. 507+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	4B



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INFO ONLY	
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STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION	
PROPOSED LAYOUT	
STA. 495+00.00 TO STA. 507+00.00 SCALE: 1" = 50'	

8/27/2025 8:10:31 AM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	4C

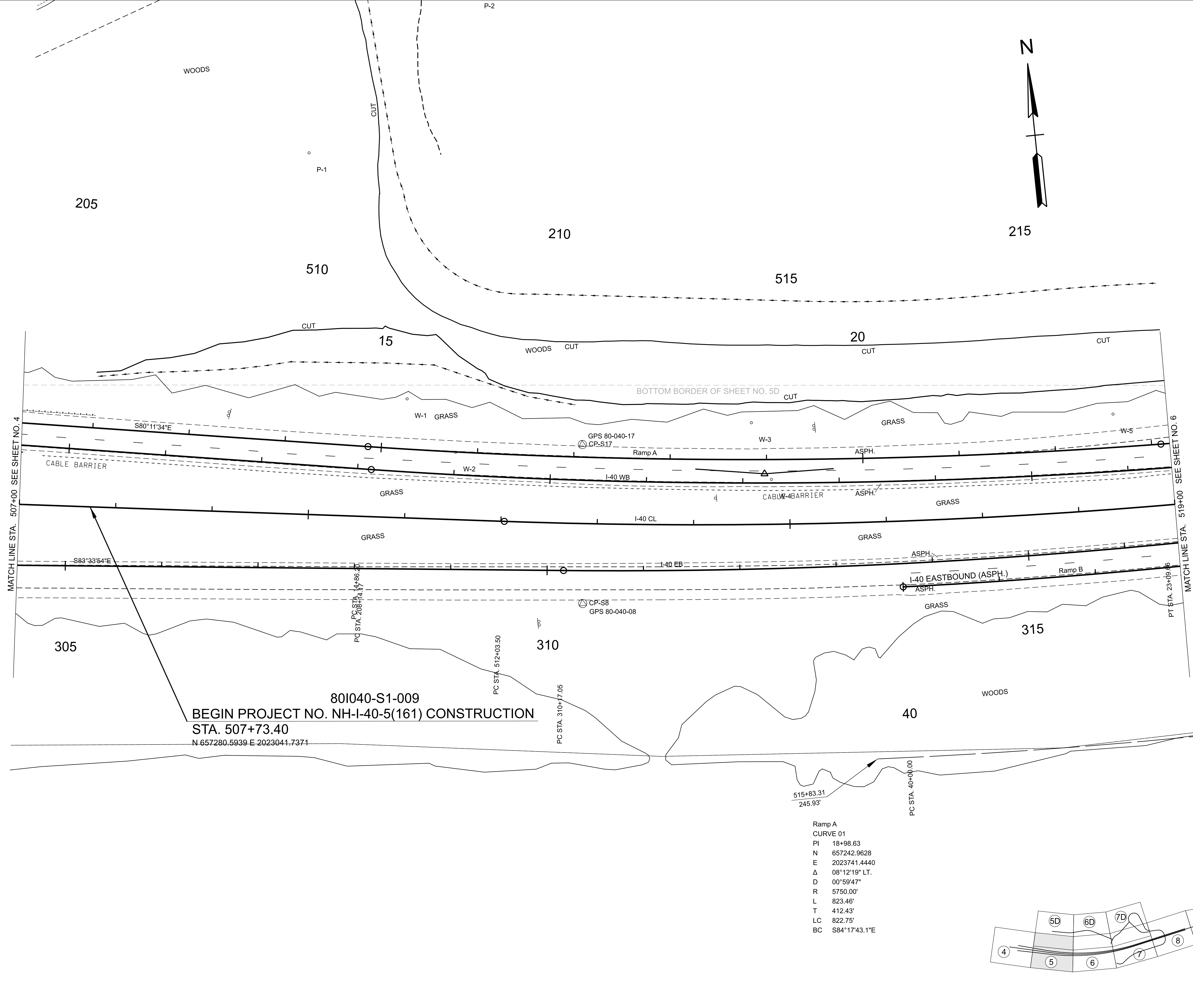
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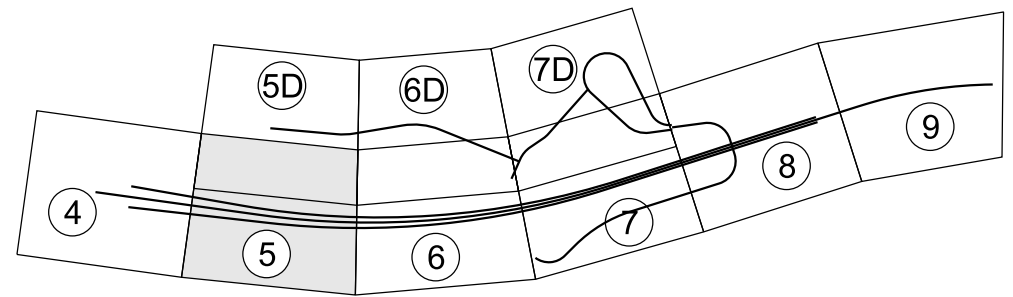
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED
PROFILE
STA. 495+00.00 TO STA. 507+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	5



Ramp A
CURVE 01
PI 18+98.63
N 657242.9628
E 2023741.4440
Δ 08°12'19" LT.
D 00°59'47"
R 5750.00'
L 823.46'
T 412.43'
LC 822.75'
BC S84°17'43.1"E



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INFO ONLY

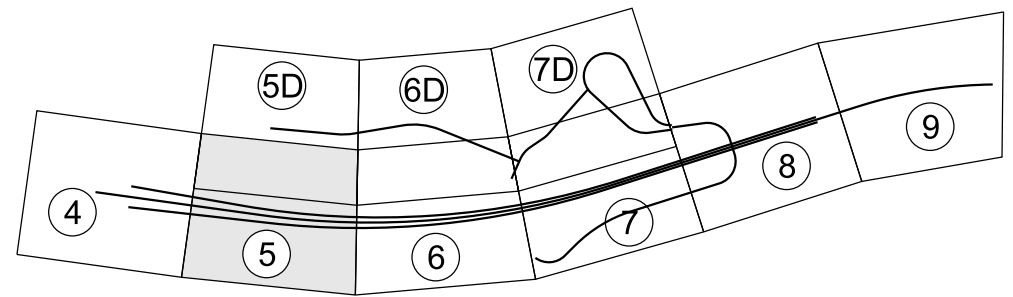
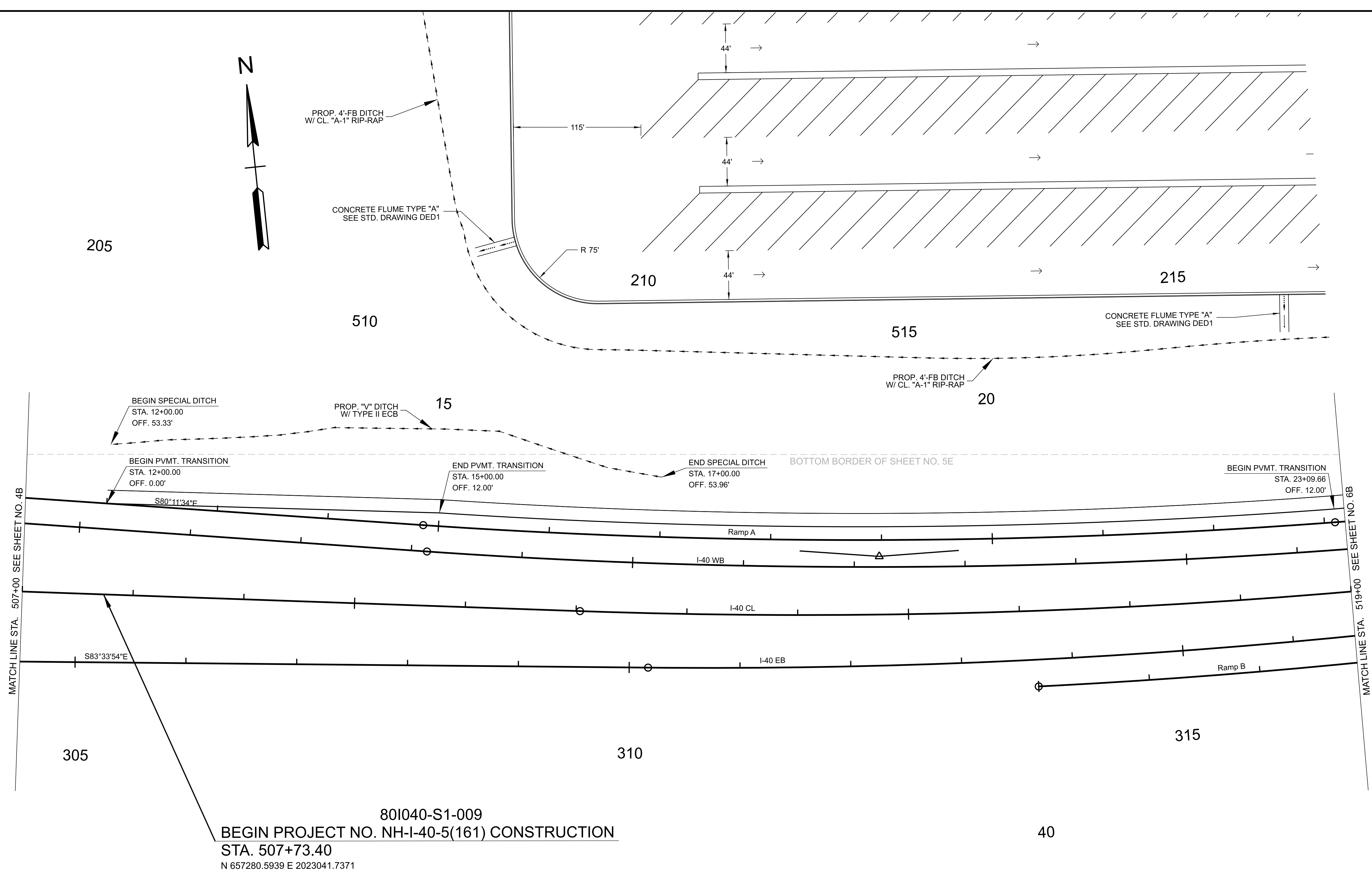
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 507+00.00 TO STA. 519+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	5B



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INFO ONLY

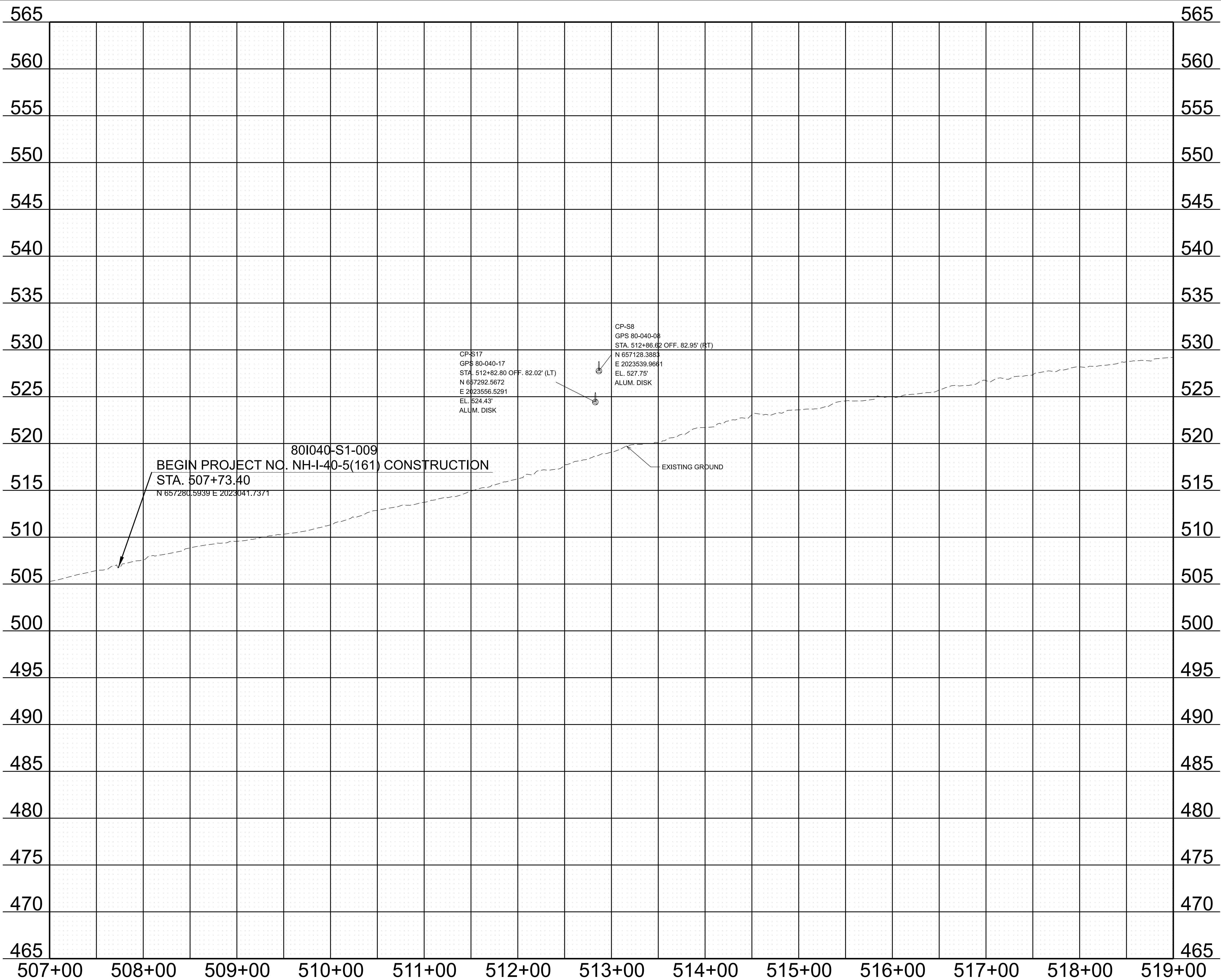
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 507+00.00 TO STA. 519+00.00
SCALE: 1" = 50'

8/27/2025 8:13:19 AM G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH-801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	5C

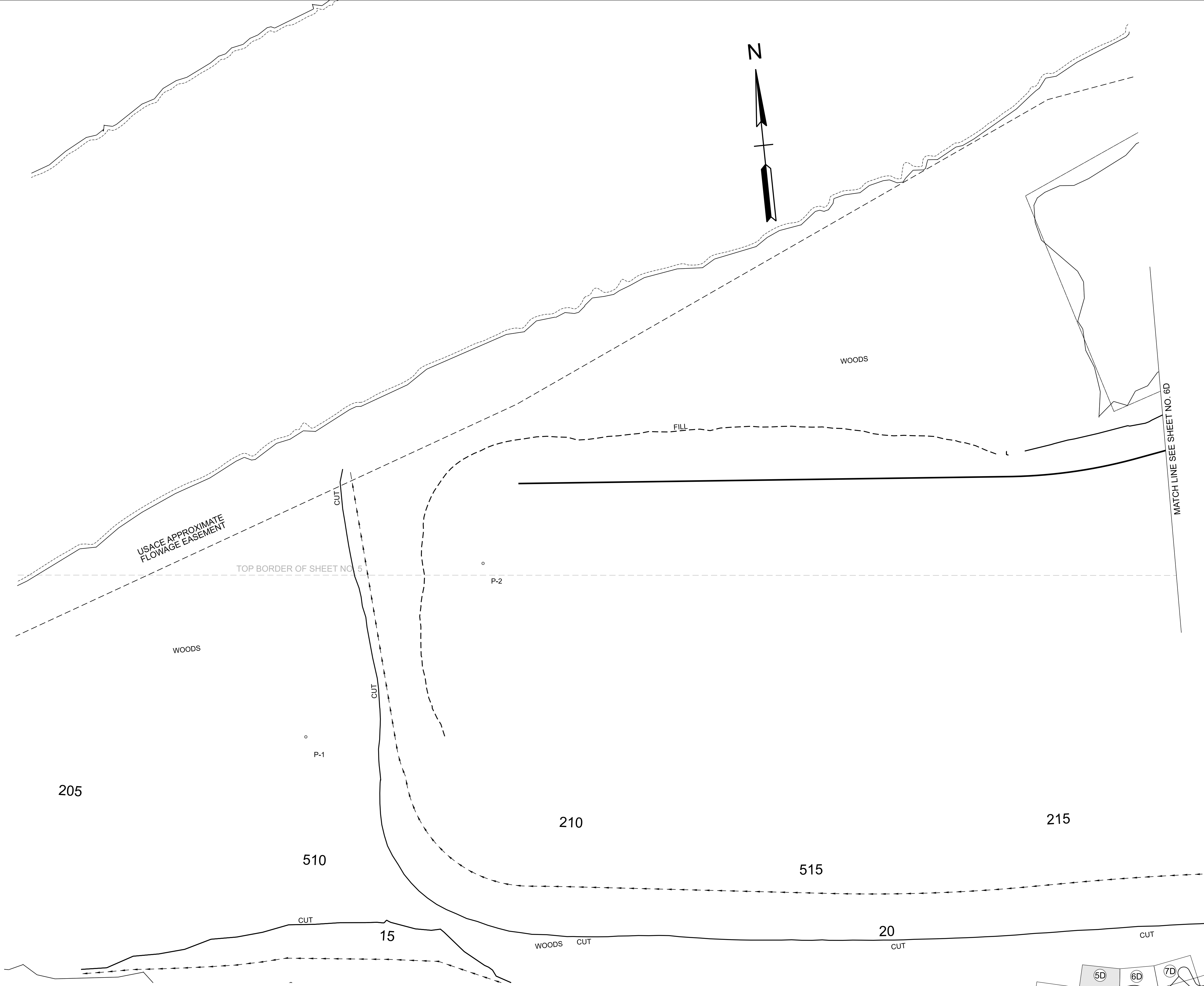
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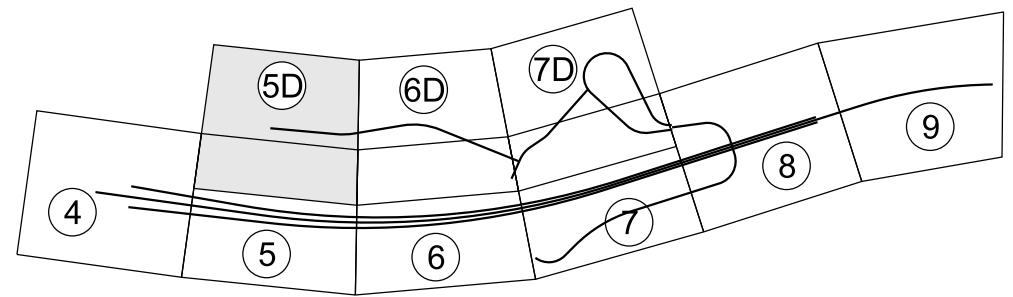
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE
STA. 507+00.00 TO STA. 519+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	5D



MATCH LINE SEE SHEET NO. 6D



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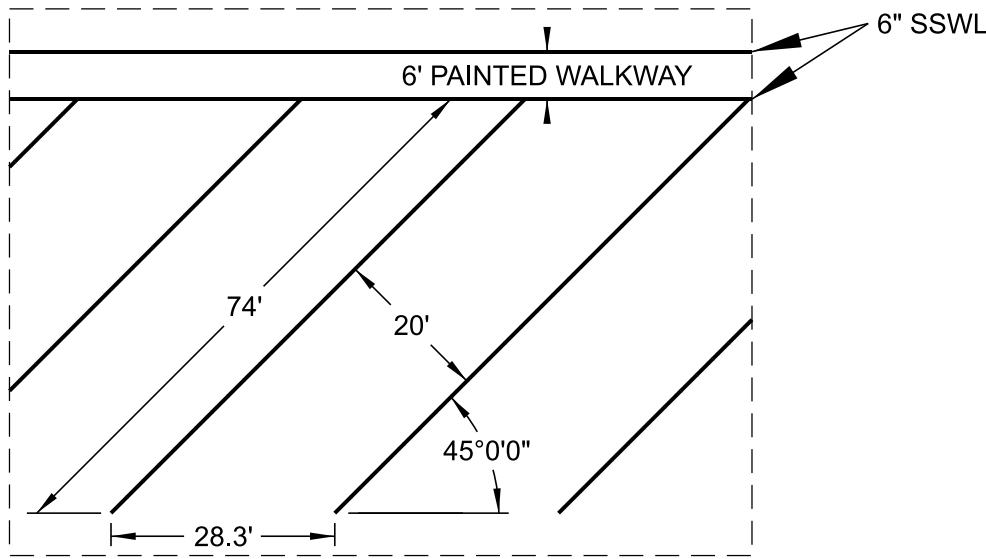
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

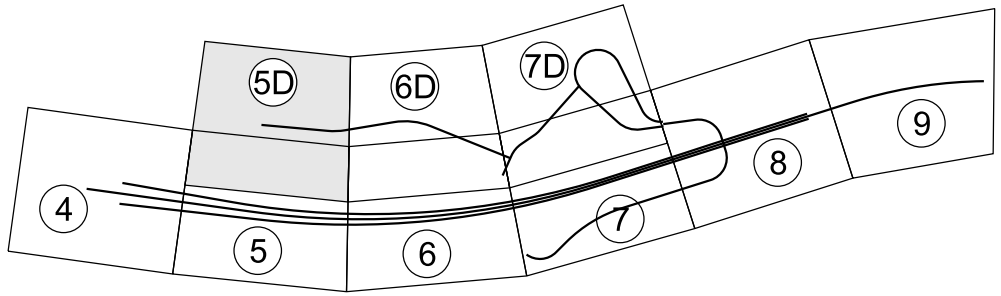
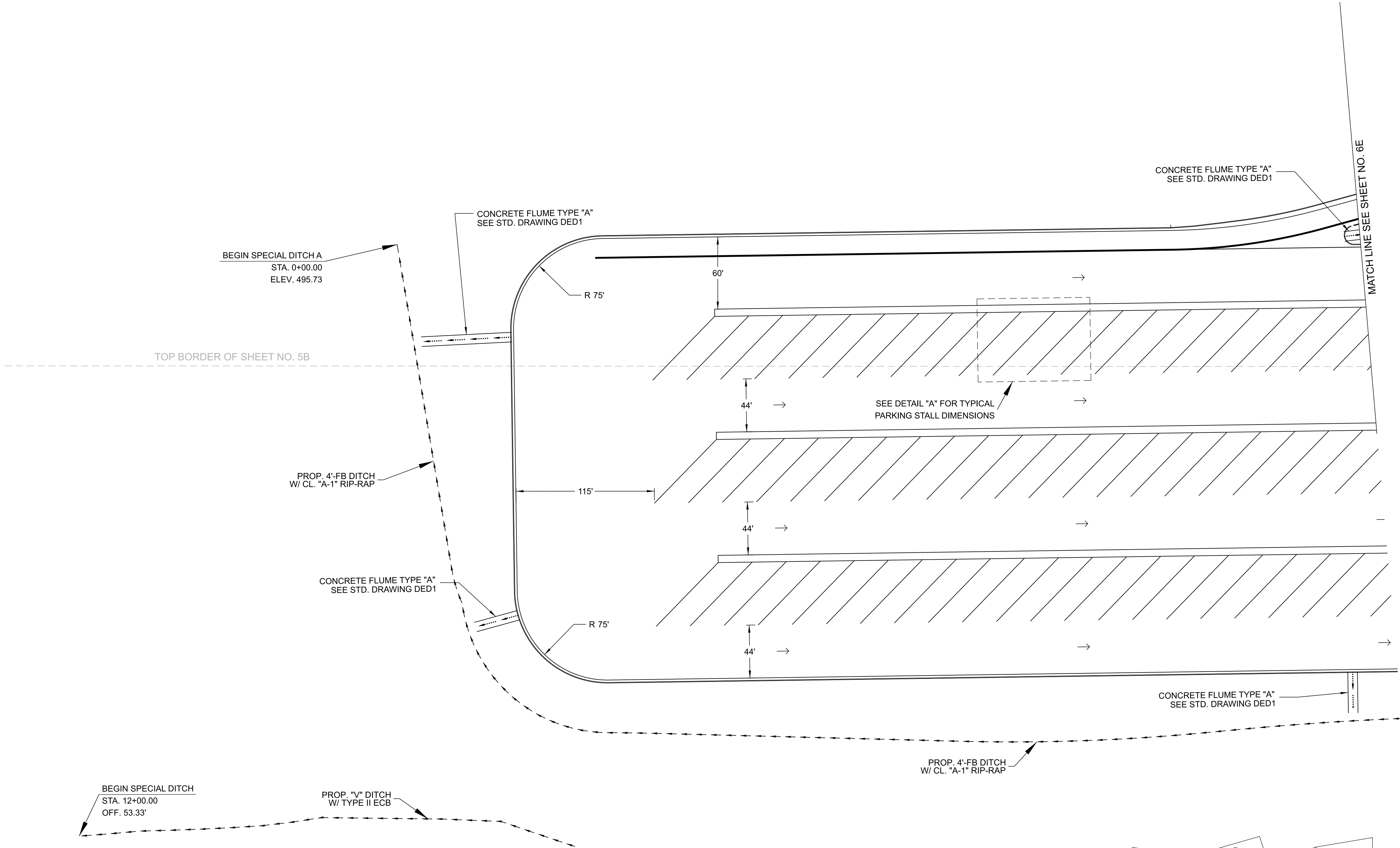
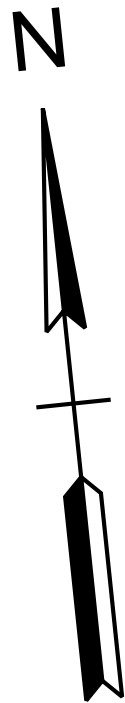
PRESENT LAYOUT

STA. 2+00.00 TO STA. 29+53.59
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	5E



DETAIL "A" THIS SHEET
TYPICAL PARKING STALL DIMENSIONS



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INFO
ONLY

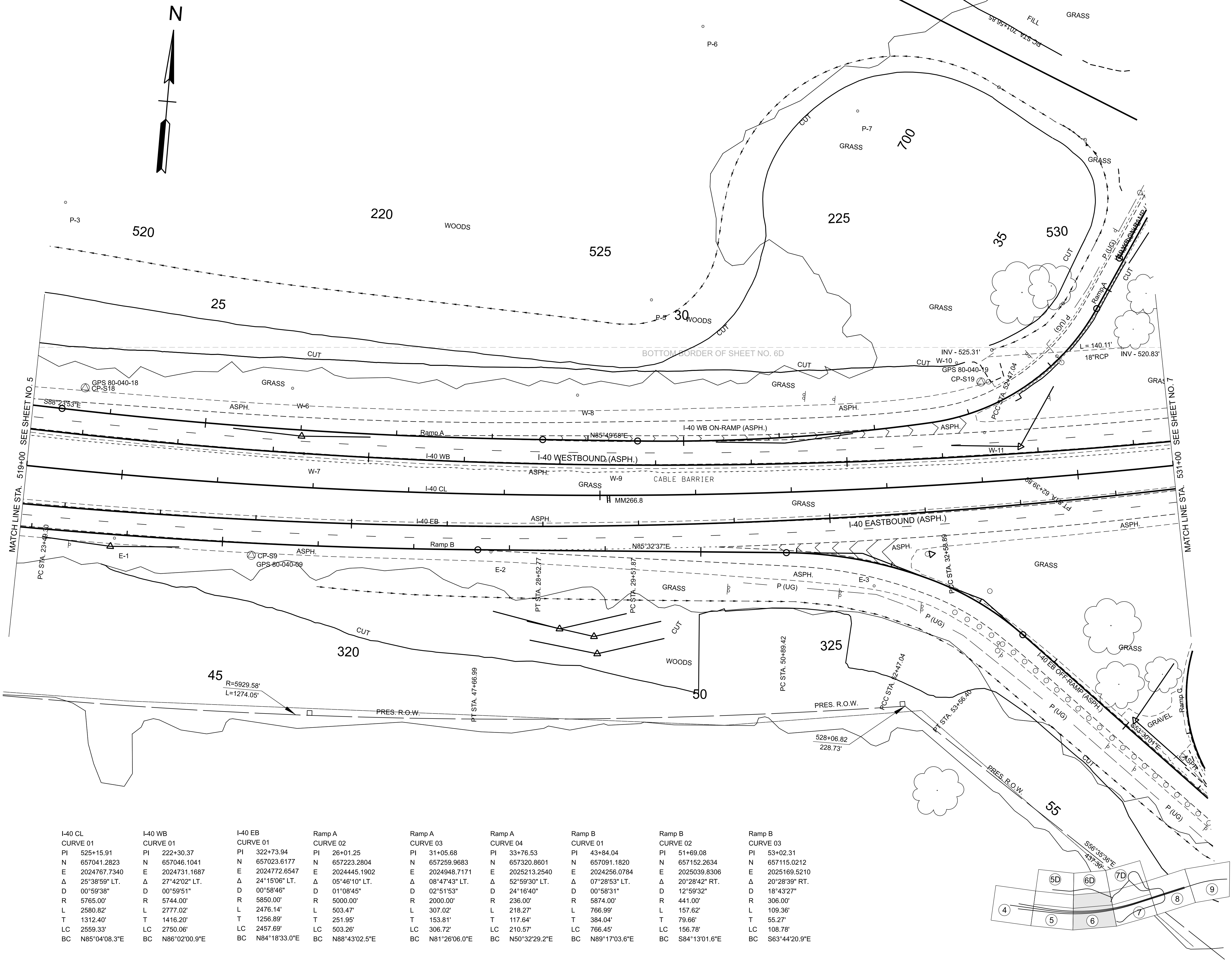
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OF 1.00006 AND TIED TO THE TGRN.
ALL ELEVATIONS ARE REFERENCED
TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED
LAYOUT

STA. 2+00.00 TO STA. 29+53.59
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	6



I-40 CL	I-40 WB	I-40 EB	Ramp A	Ramp A	Ramp A	Ramp B	Ramp B	Ramp B
CURVE 01	CURVE 01	CURVE 01	CURVE 02	CURVE 03	CURVE 04	CURVE 01	CURVE 02	CURVE 03
PI 525+15.91	PI 222+30.37	PI 322+73.94	PI 26+01.25	PI 31+05.68	PI 33+76.53	PI 43+84.04	PI 51+69.08	PI 53+02.31
N 657041.2823	N 657046.1041	N 657023.6177	N 657223.2804	N 657259.9683	N 657320.8601	N 657091.1820	N 657152.2634	N 657115.0212
E 2024767.7340	E 2024731.1687	E 2024772.6547	E 2024445.1902	E 2024948.7171	E 2025213.2540	E 2024256.0784	E 2025039.8306	E 2025169.5210
Δ 25°38'59" LT.	Δ 27°42'02" LT.	Δ 24°15'06" LT.	Δ 05°46'10" LT.	Δ 08°47'43" LT.	Δ 52°59'30" LT.	Δ 07°28'53" LT.	Δ 20°28'42" RT.	Δ 20°28'39" RT.
D 00°59'38"	D 00°59'51"	D 00°58'46"	D 01°08'45"	D 02°51'53"	D 24°16'40"	D 00°58'31"	D 12°59'32"	D 18°43'27"
R 5765.00'	R 5744.00'	R 5850.00'	R 5000.00'	R 2000.00'	R 236.00'	R 5874.00'	R 441.00'	R 306.00'
L 2580.82'	L 2777.02'	L 2476.14'	L 503.47'	L 307.02'	L 218.27'	L 766.99'	L 157.62'	L 109.36'
T 1312.40'	T 1416.20'	T 1256.89'	T 251.95'	T 153.81'	T 117.64'	T 384.04'	T 79.66'	T 55.27'
LC 2559.33'	LC 2750.06'	LC 2457.69'	LC 503.26'	LC 306.72'	LC 210.57'	LC 766.45'	LC 156.78'	LC 108.78'
BC N85°04'08.3"E	BC N86°02'00.9"E	BC N84°18'33.0"E	BC N88°43'02.5"E	BC N81°26'06.0"E	BC N50°32'29.2"E	BC N89°17'03.6"E	BC S84°13'01.6"E	BC S63°44'20.9"E

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INFO ONLY

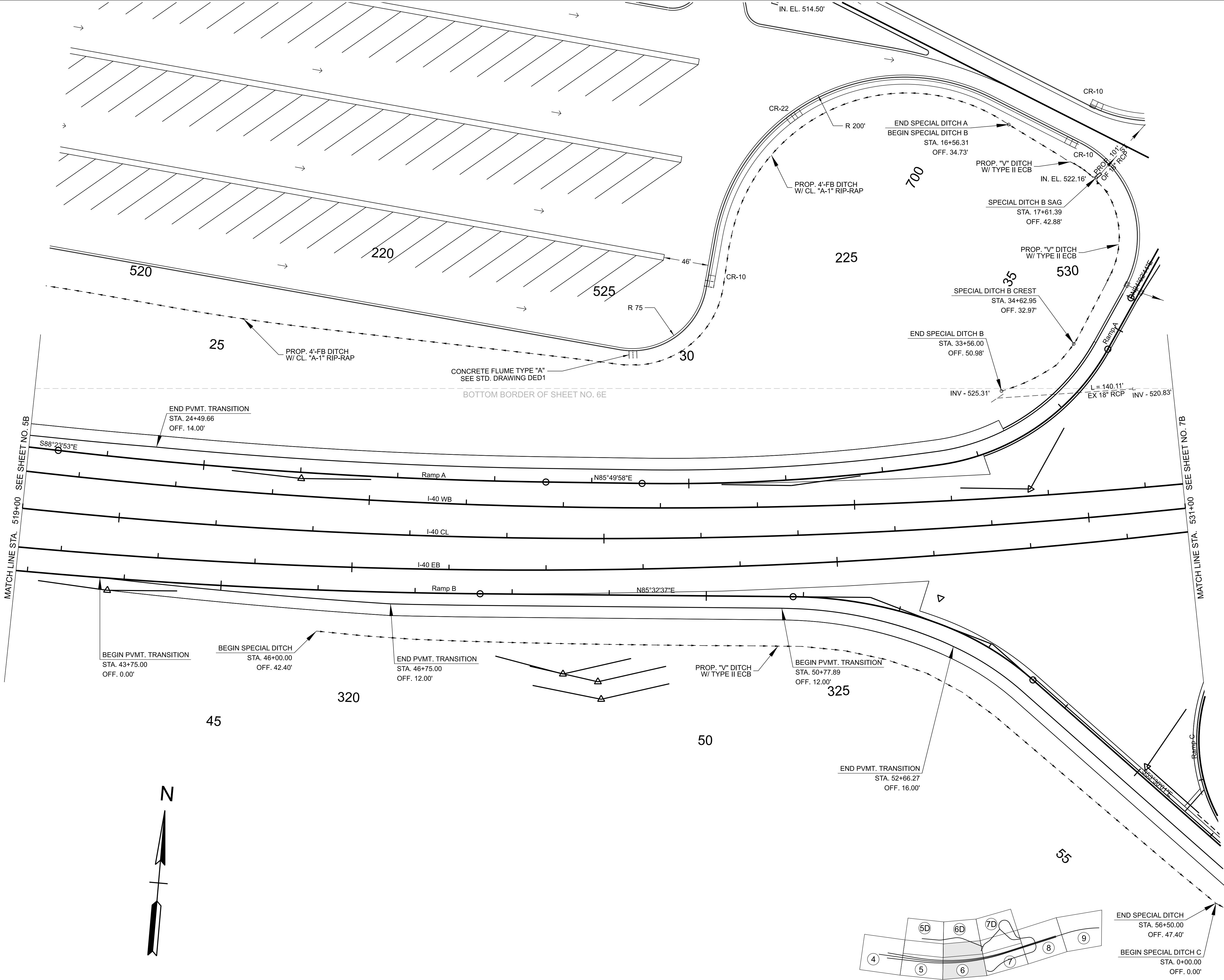
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 519+00.00 TO STA. 531+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	6B



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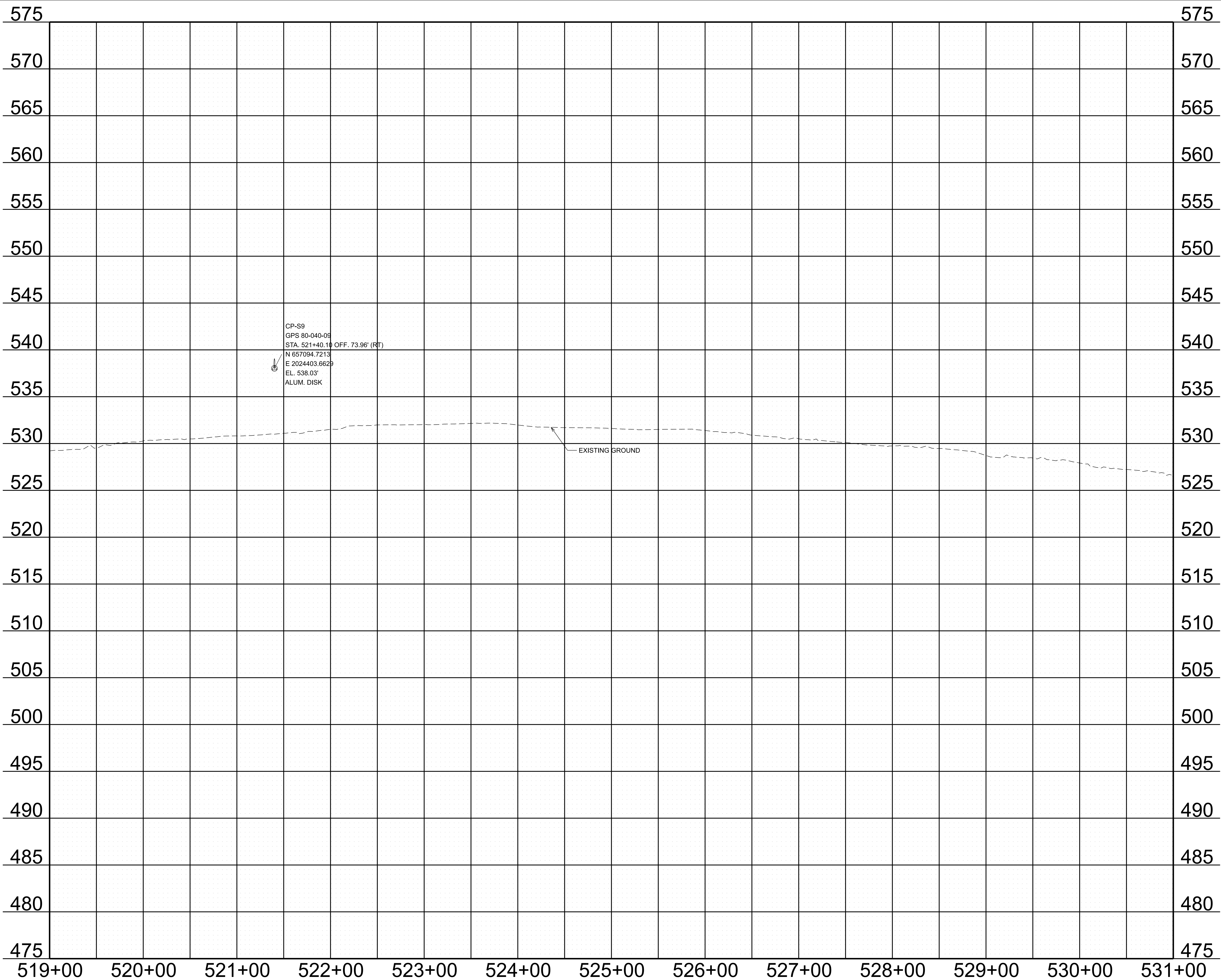
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 519+00.00 TO STA. 531+00.00
SCALE: 1" = 50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	6C

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE
STA. 519+00.00 TO STA. 531+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	6D



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INFO ONLY

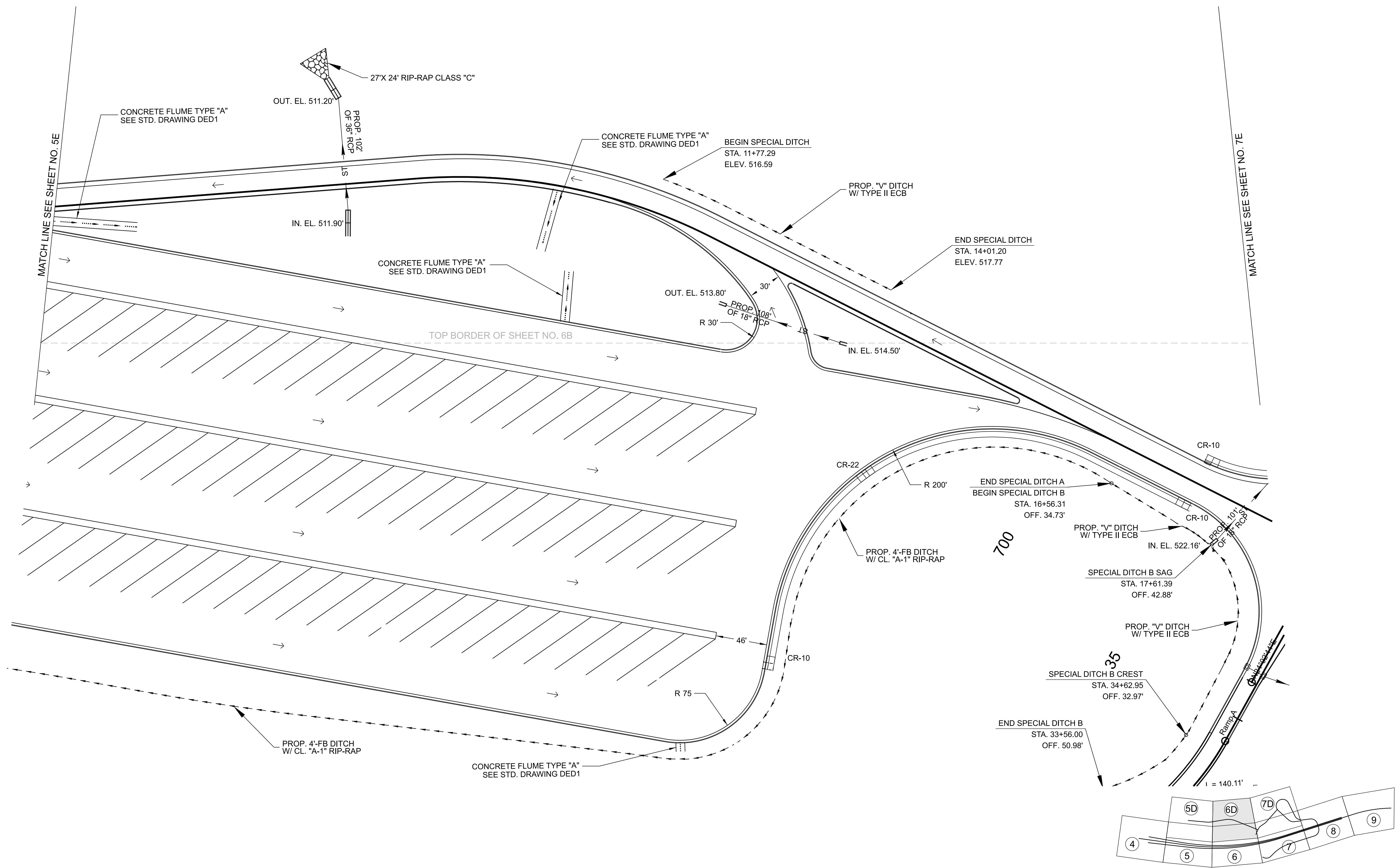
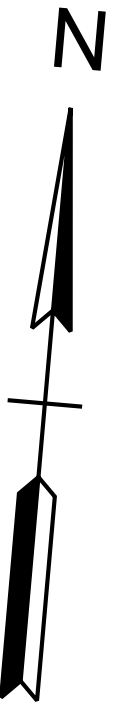
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 2+00.00 TO STA. 28+50.32
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	6E



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INFO ONLY

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

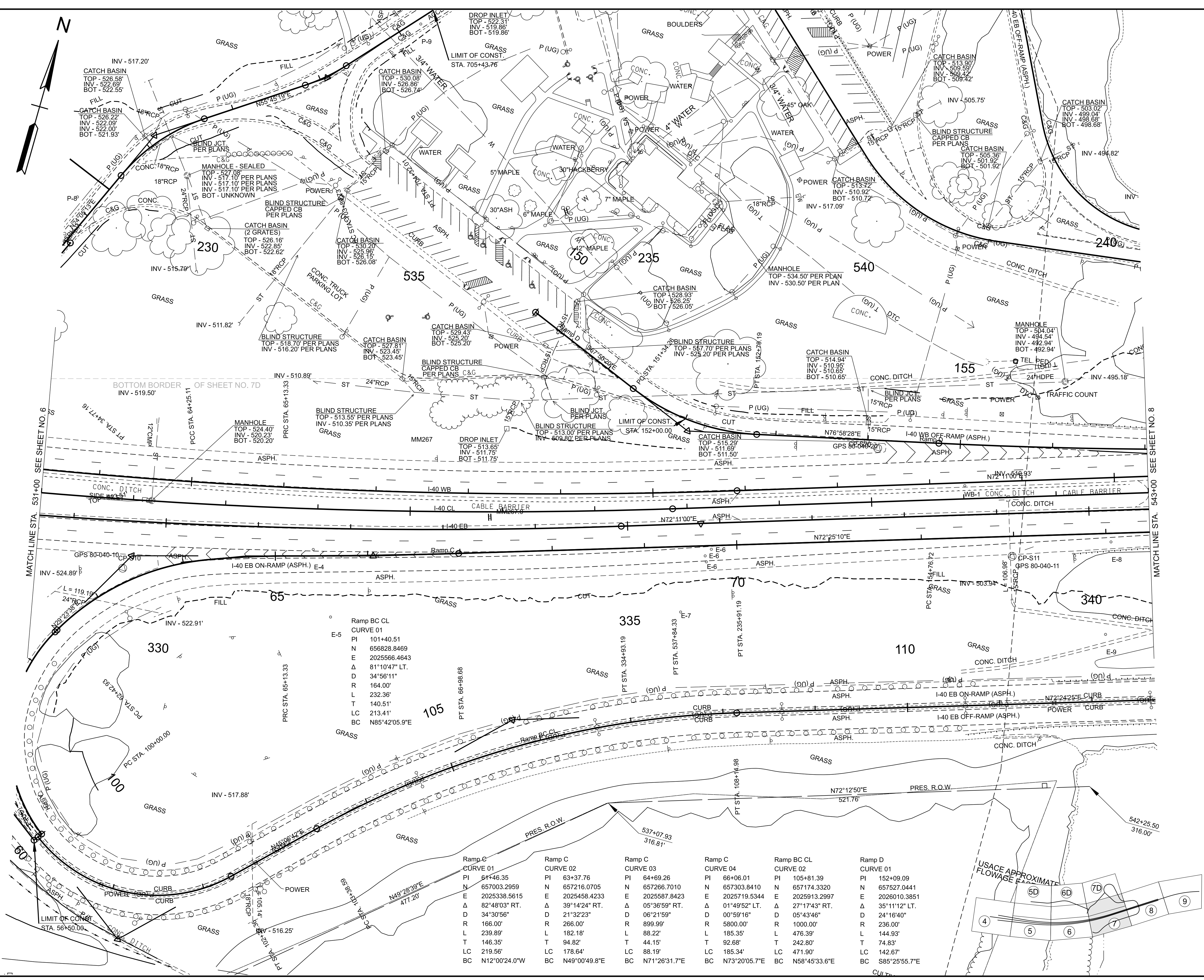
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED
LAYOUT

STA. 2+00.00 TO STA. 28+50.32
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	7

8/27/2025 8:19:36 AM
G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH801040-SHT-PRESENT LAYOUT.DGN



Ramp BC CL CURVE 01	
PI	101+40.51
N	656828.8469
E	2025566.4643
A	81°10'47" LT.
D	34°56'11"
R	164.00'
L	232.36'
T	140.51'
LC	213.41'
BC	N85°42'05.9"E

Ramp C CURVE 01	
PI	61+46.35
N	657003.2959
E	2025338.5615
A	82°48'03" RT.
D	34°30'56"
R	166.00'
L	239.89'
T	146.35'
LC	219.56'
BC	N12°00'24.0"W

Ramp C CURVE 02	
PI	63+37.76
N	657216.0705
E	2025458.4233
A	39°14'24" RT.
D	21°32'23"
R	266.00'
L	182.18'
T	94.82'
LC	178.64'
BC	N49°00'49.8"E

Ramp C CURVE 03	
PI	64+69.26
N	657266.7010
E	2025587.8423
A	05°36'59" RT.
D	06°21'59"
R	899.99'
L	88.22'
T	44.15'
LC	88.19'
BC	N71°26'31.7"E

Ramp C CURVE 04	
PI	66+06.01
N	657303.8410
E	2025719.5344
A	01°49'52" LT.
D	00°59'16"
R	5800.00'
L	185.35'
T	92.68'
LC	185.34'
BC	N73°20'05.7"E

Ramp BC CL CURVE 02	
PI	105+81.39
N	657174.3320
E	2025913.2997
A	27°17'43" RT.
D	05°43'46"
R	1000.00'
L	476.39'
T	242.80'
LC	471.90'
BC	N58°45'33.6"E

Ramp D CURVE 01	
PI	152+09.09
N	657527.0441
E	2026010.3851
A	35°11'12" LT.
D	24°16'40"
R	236.00'
L	144.93'
T	74.83'
LC	142.67'
BC	S85°25'55.7"E

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INFO ONLY

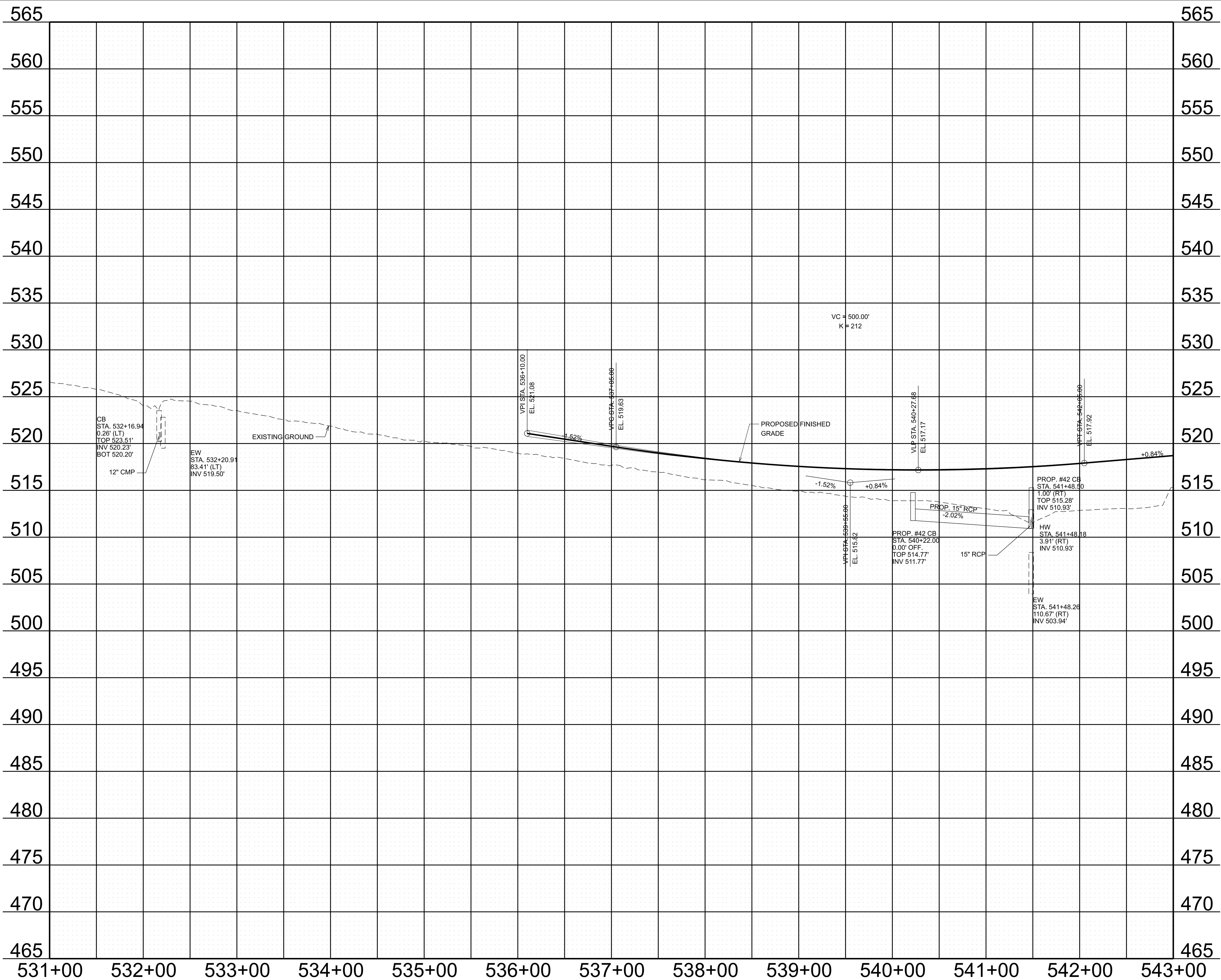
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18.

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

PRESENT LAYOUT

STA. 531+00.00 TO STA. 543+00.00
SCALE: 1" = 50'

8/27/2025 8:21:44 AM
G:\HD 5803.090 1-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	7C

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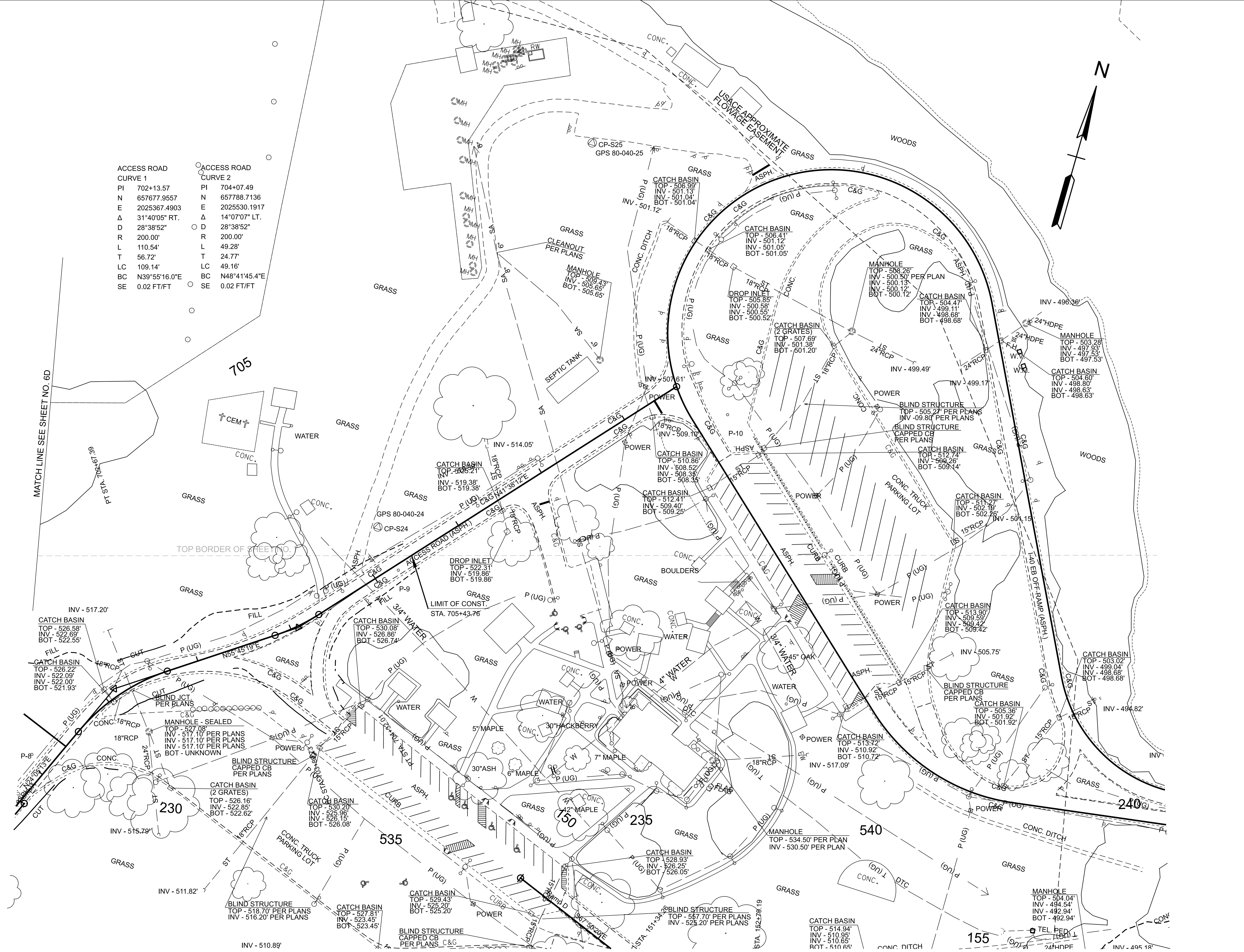
INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE
STA. 531+00.00 TO STA. 543+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	7D

8/27/2025 8:22:58 AM G:\HD 5803.090 140 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PRESENT LAYOUT.DGN



ACCESS ROAD	
CURVE 1	CURVE 2
PI 702+13.57	PI 704+07.49
N 657677.9557	N 657788.7136
E 2025367.4903	E 2025530.1917
Δ 31°40'05" RT.	Δ 14°07'07" LT.
D 28°38'52"	D 28°38'52"
R 200.00'	R 200.00'
L 110.54'	L 49.28'
T 56.72'	T 24.77'
LC 109.14'	LC 49.16'
BC N39°55'16.0"E	BC N48°41'45.4"E
SE 0.02 FT/FT	SE 0.02 FT/FT

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INFO ONLY

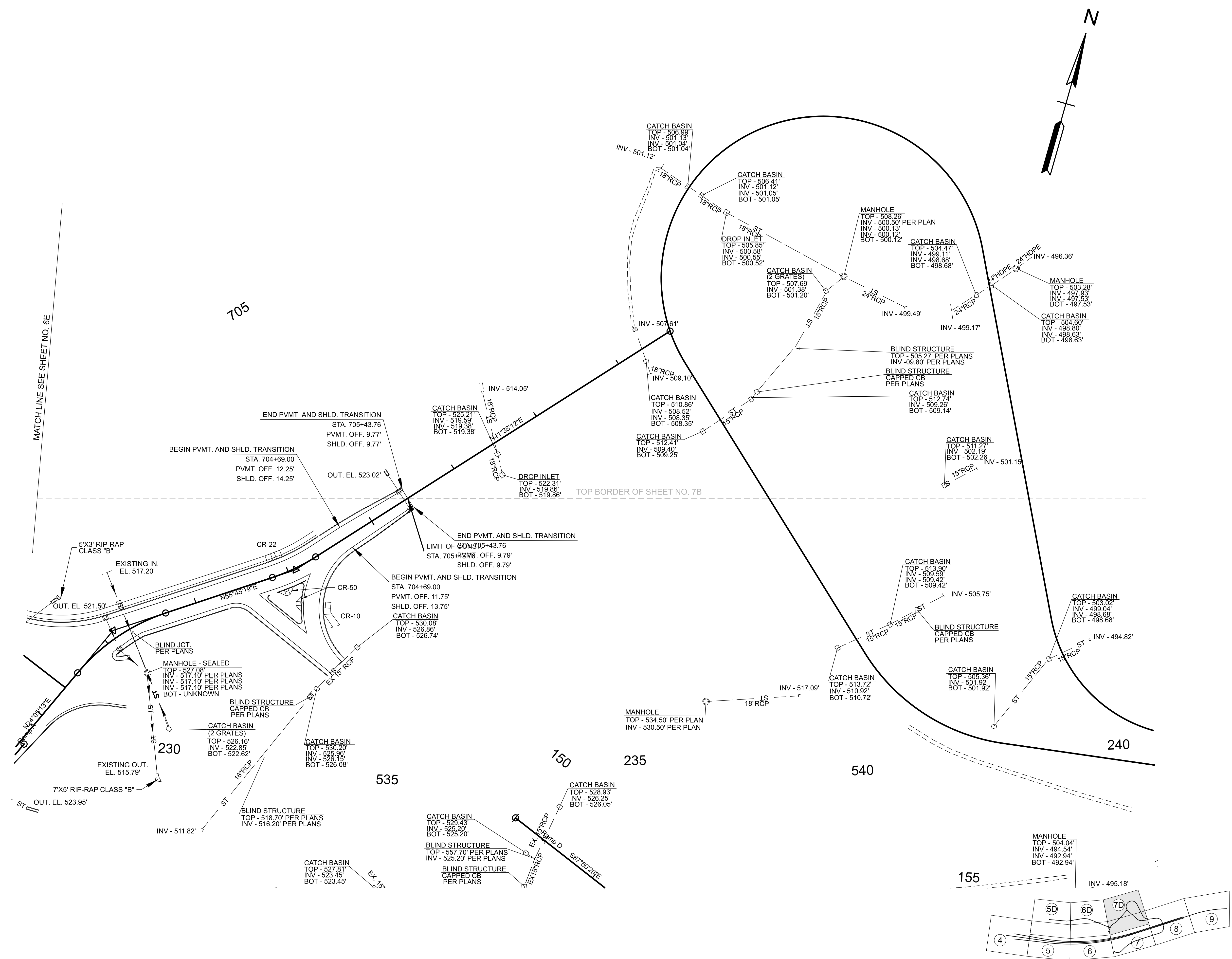
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 2+00.00 TO STA. 29+56.09
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	7E



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INFO ONLY

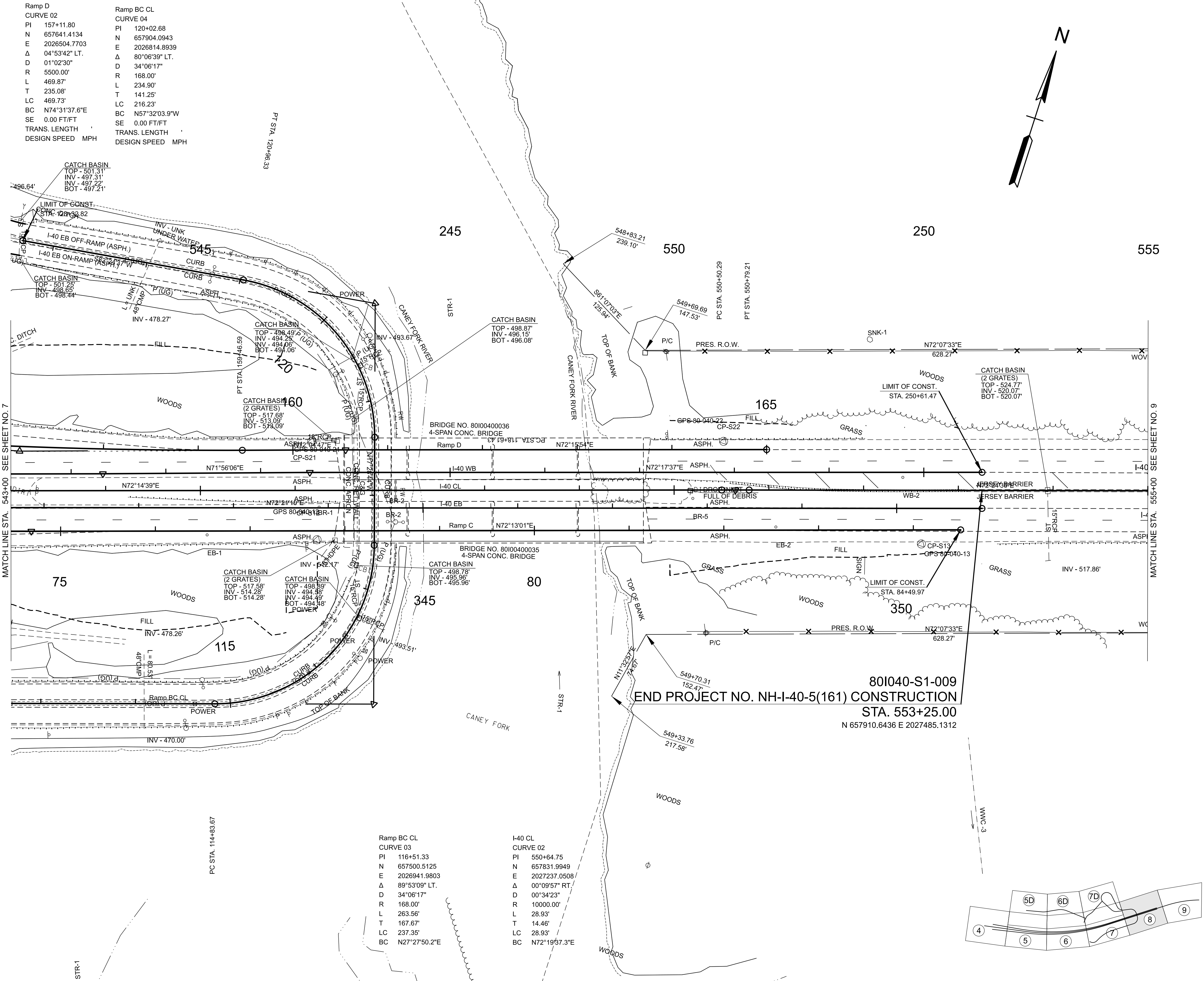
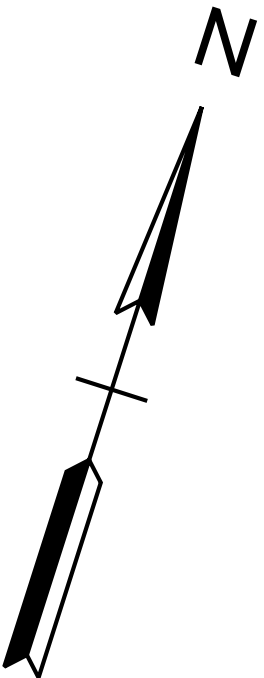
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 2+00.00 TO STA. 29+56.09
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	8



SEALED BY

INFO ONLY

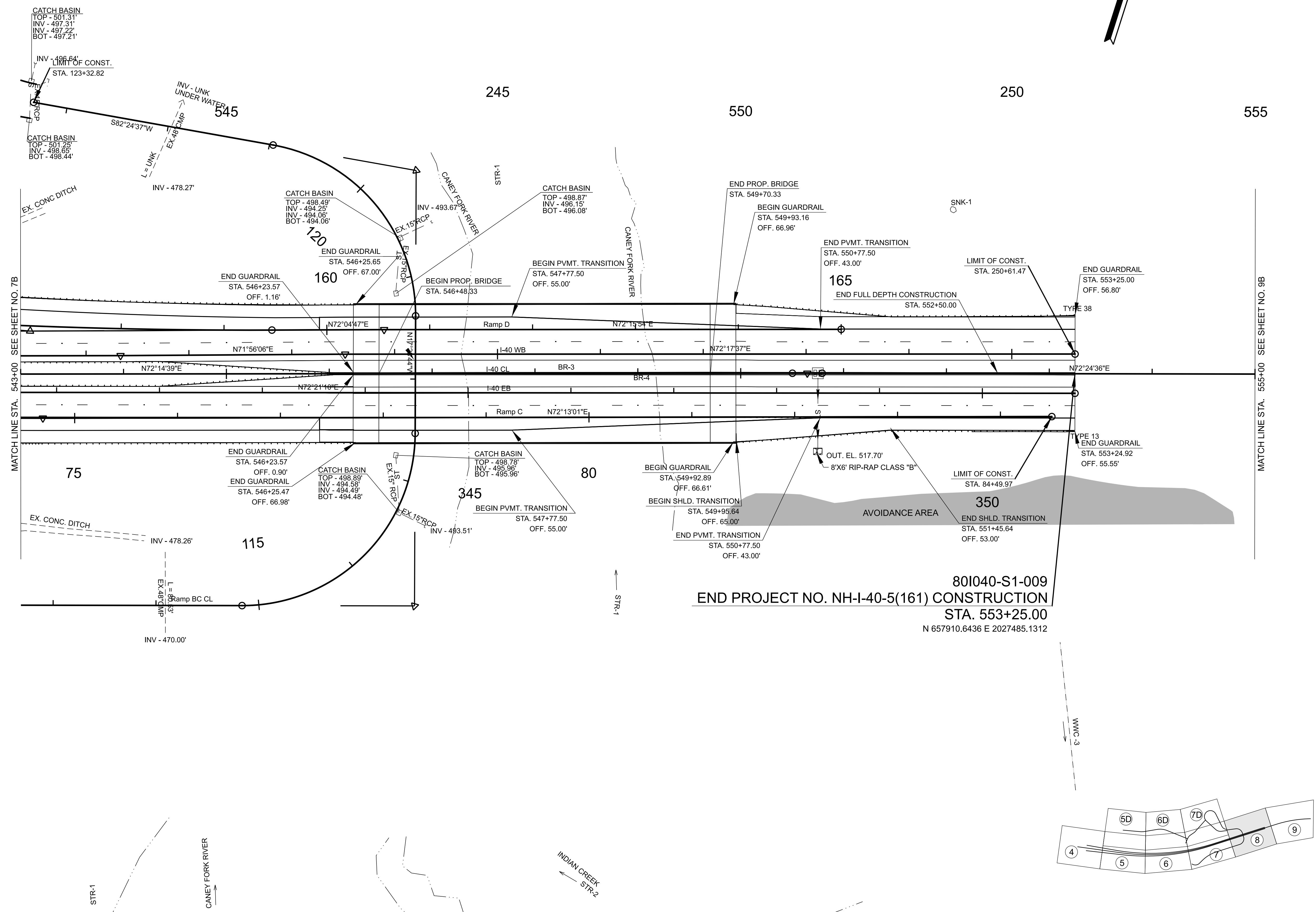
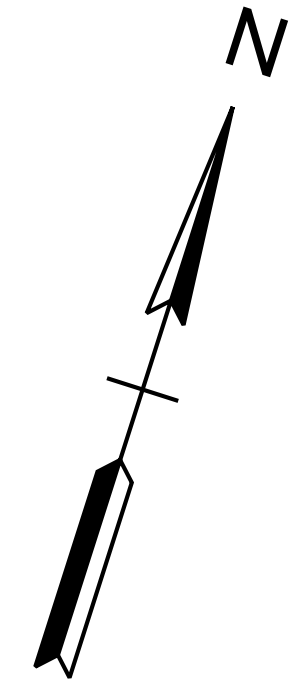
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

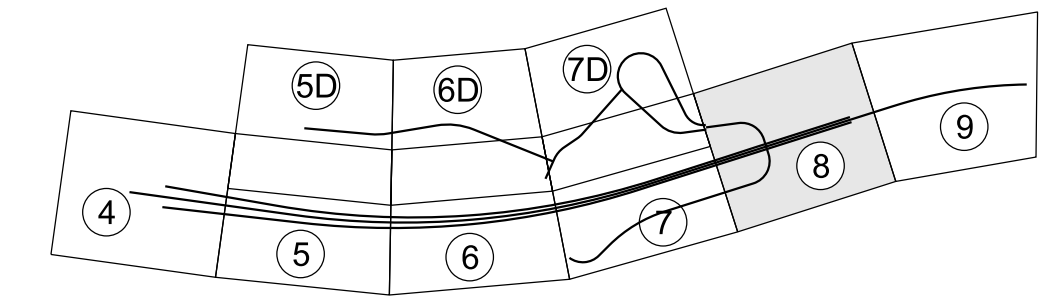
PRESENT LAYOUT

STA. 543+00.00 TO STA. 555+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	8B



801040-S1-009
END PROJECT NO. NH-I-40-5(161) CONSTRUCTION
STA. 553+25.00
N 657910.6436 E 2027485.1312



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INFO ONLY

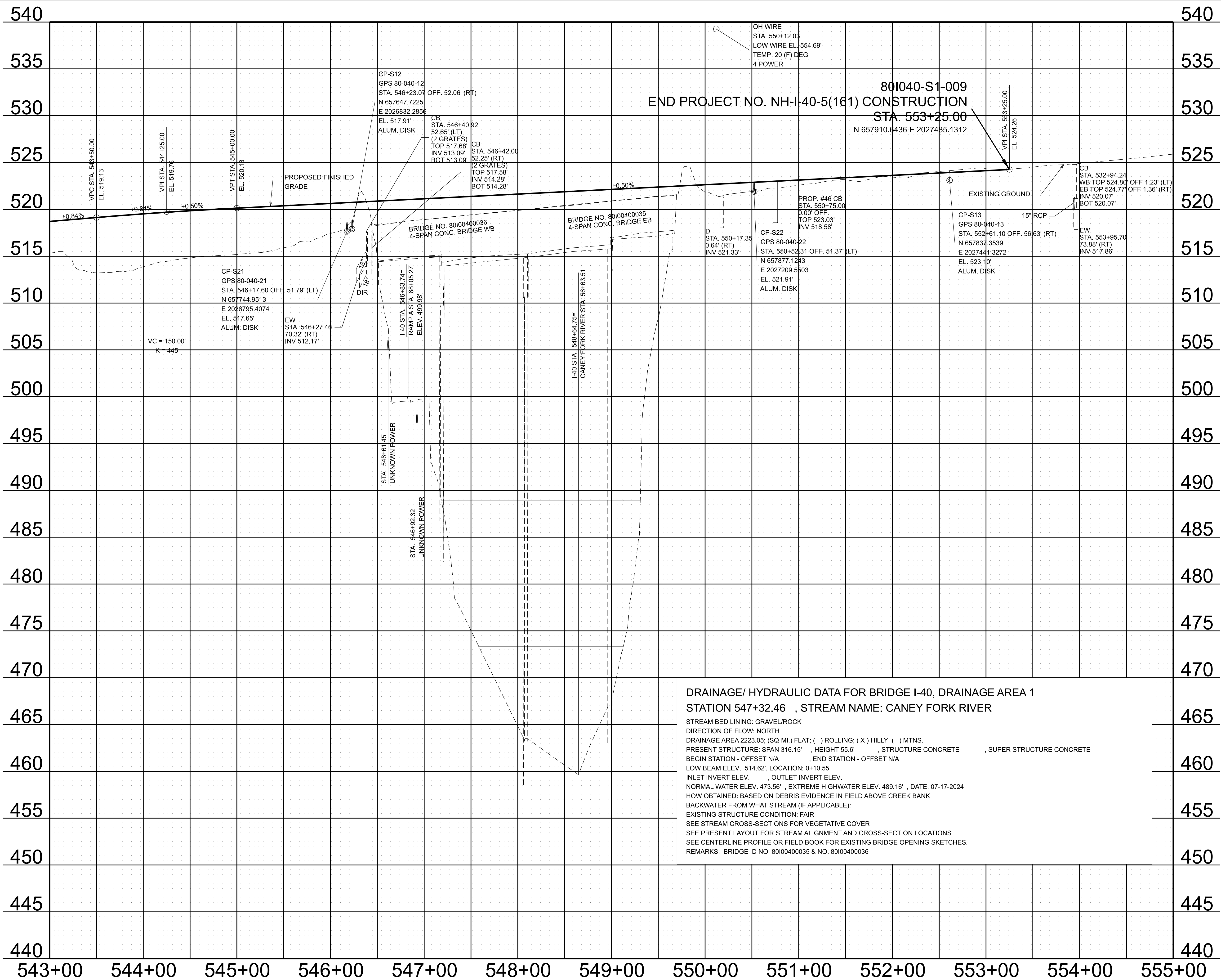
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 543+00.00 TO STA. 555+00.00
SCALE: 1" = 50'

8/27/2025 8:26:50 AM
G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	8C

DRAINAGE/ HYDRAULIC DATA FOR BRIDGE I-40, DRAINAGE AREA 1
STATION 547+32.46 , STREAM NAME: CANEY FORK RIVER

STREAM BED LINING: GRAVEL/ROCK
DIRECTION OF FLOW: NORTH
DRAINAGE AREA 2223.05; (SQ-MI.) FLAT; () ROLLING; (X) HILLY; () MTNS.
PRESENT STRUCTURE: SPAN 316.15' , HEIGHT 55.6' , STRUCTURE CONCRETE , SUPER STRUCTURE CONCRETE
BEGIN STATION - OFFSET N/A , END STATION - OFFSET N/A
LOW BEAM ELEV. 514.62', LOCATION: 0+10.55
INLET INVERT ELEV. , OUTLET INVERT ELEV.
NORMAL WATER ELEV. 473.56' , EXTREME HIGHWATER ELEV. 489.16' , DATE: 07-17-2024
HOW OBTAINED: BASED ON DEBRIS EVIDENCE IN FIELD ABOVE CREEK BANK
BACKWATER FROM WHAT STREAM (IF APPLICABLE):
EXISTING STRUCTURE CONDITION: FAIR
SEE STREAM CROSS-SECTIONS FOR VEGETATIVE COVER
SEE PRESENT LAYOUT FOR STREAM ALIGNMENT AND CROSS-SECTION LOCATIONS.
SEE CENTERLINE PROFILE OR FIELD BOOK FOR EXISTING BRIDGE OPENING SKETCHES.
REMARKS: BRIDGE ID NO. 80100400035 & NO. 80100400036

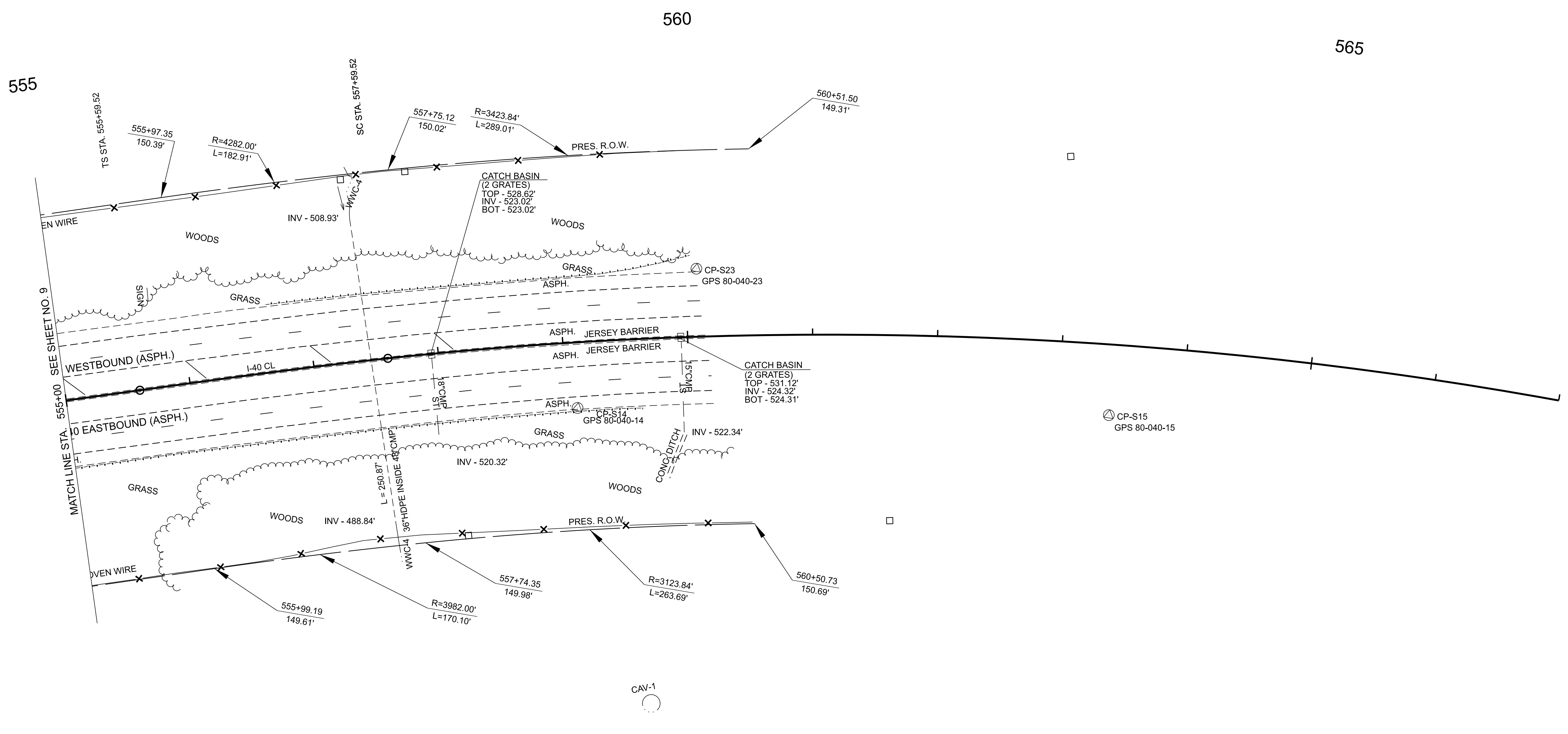
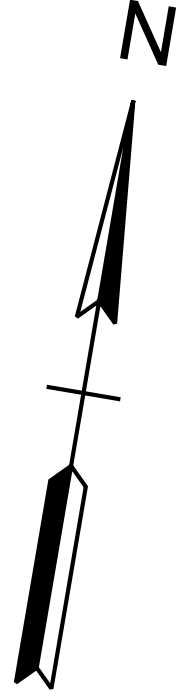
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INFO ONLY

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DEPARTMENT OF TRANSPORTATION

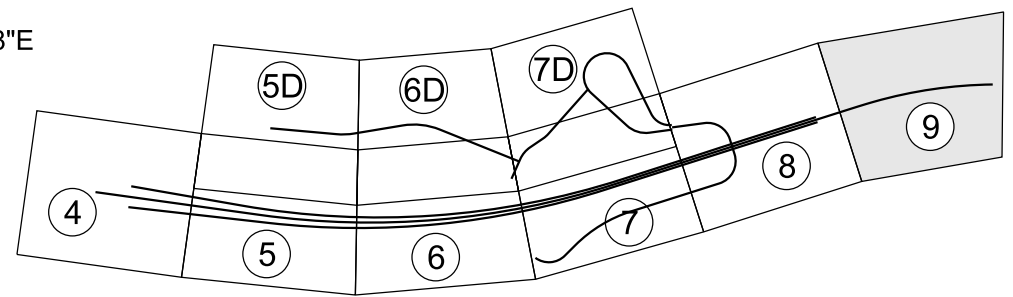
PROPOSED PROFILE
STA. 543+00.00 TO STA. 555+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S11-009	9



I-40 CL
SPIRAL 01
PIs 556+92.86
Ns 658021.8135
Es 2027835.7929
θs 01°45'00"
LT 133.34' 0.00'
ST 66.67'
Ls 200.00'

I-40 CL
CURVE 03
PI 577+47.73
N 658582.7002
E 2029812.6404
Δ 62°32'15" RT.
D 01°45'00"
R 3274.04'
L 3573.57'
T 1988.20'
LC 3398.80'
BC S74°34'16.8"E



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

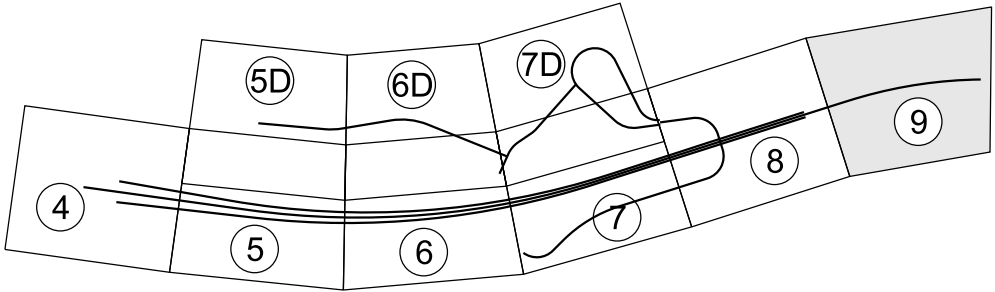
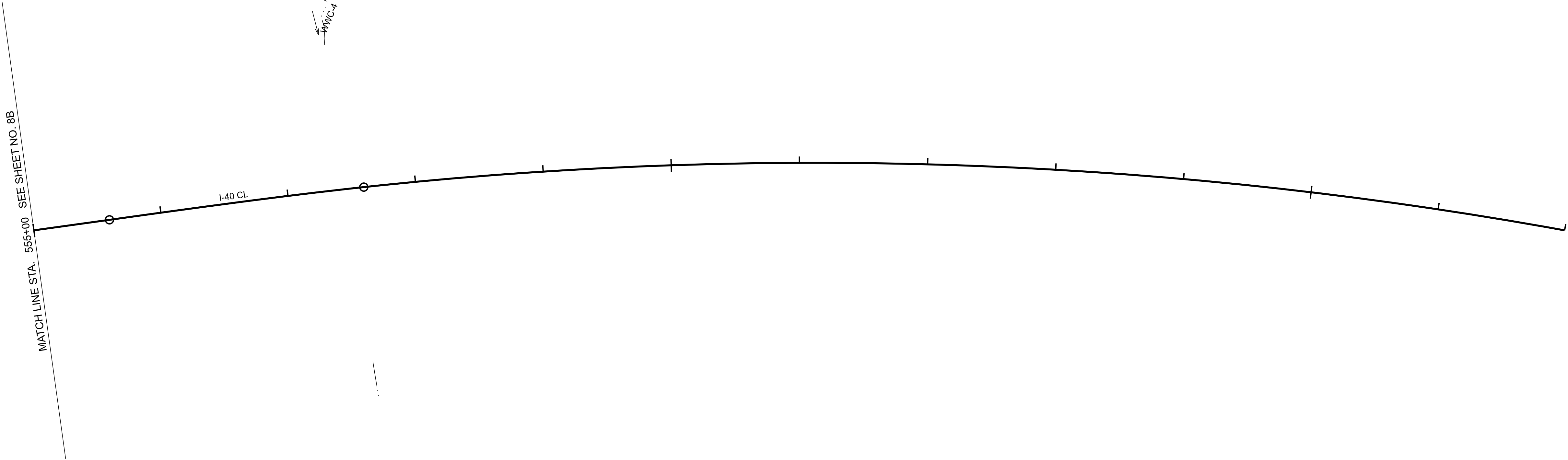
STA. 555+00.00 TO STA. 567+00.00
SCALE: 1" = 50'

8/27/2025 8:28:36 AM
G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\ISHT801040-SHT-PROPOSED LAYOUT.DGN

555

560

565



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	9B

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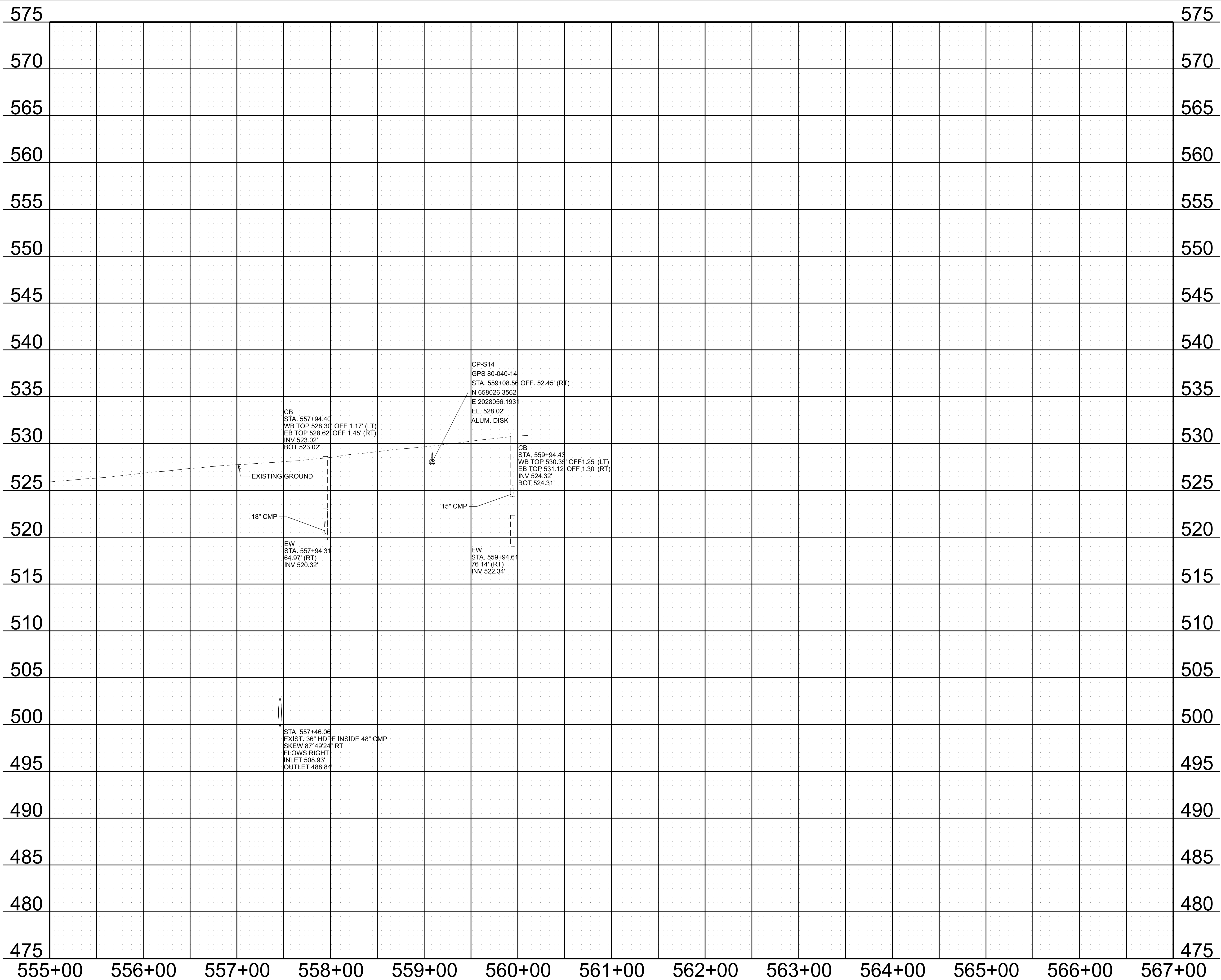
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 555+00.00 TO STA. 567+00.00
SCALE: 1" = 50'

8/27/2025 8:29:57 AM
G:\HD 5803.090 1-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	9C

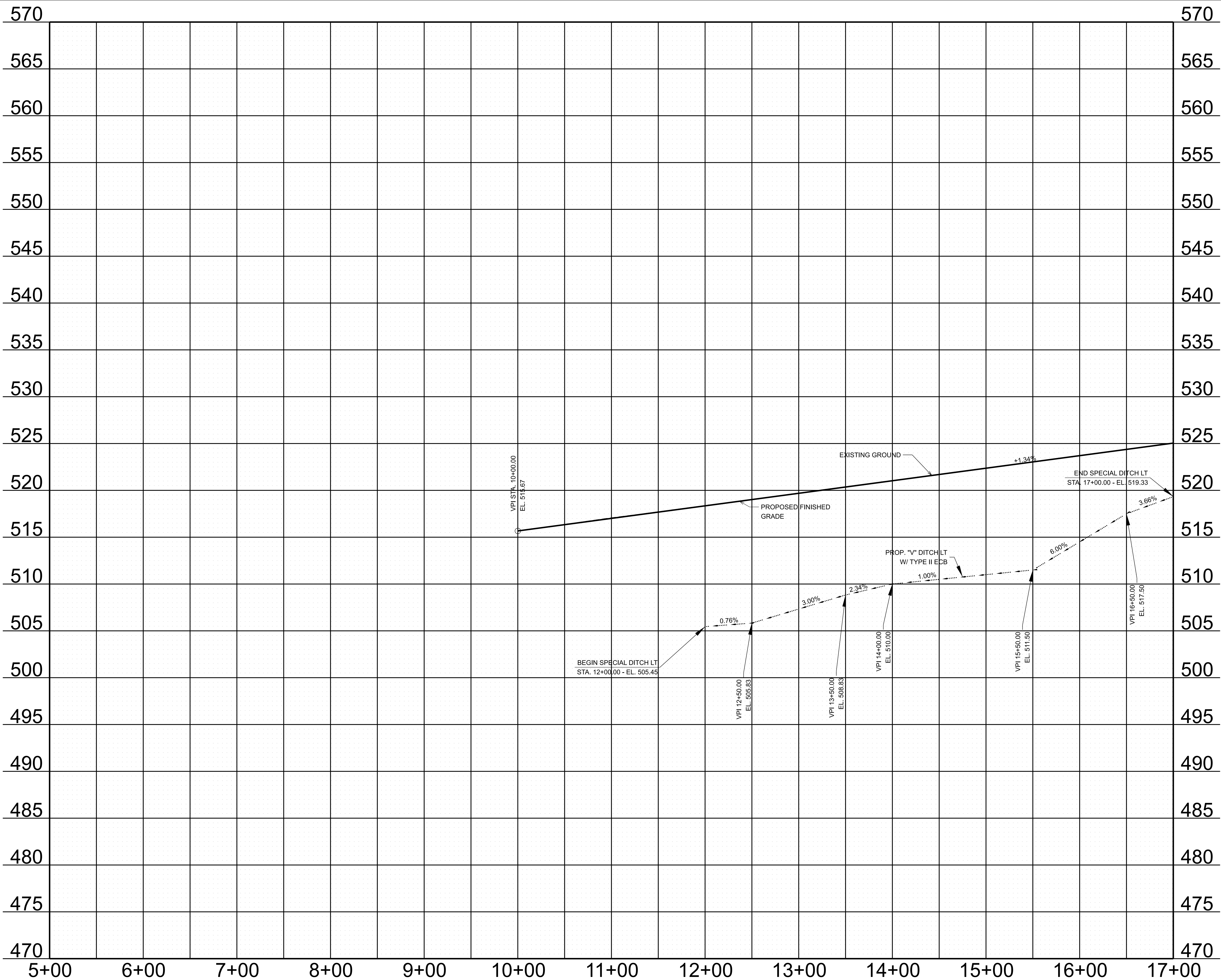
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE
STA. 555+00.00 TO STA. 567+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/26/2025 5:49:05 PM
G:\HD 5803.090 1-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	10

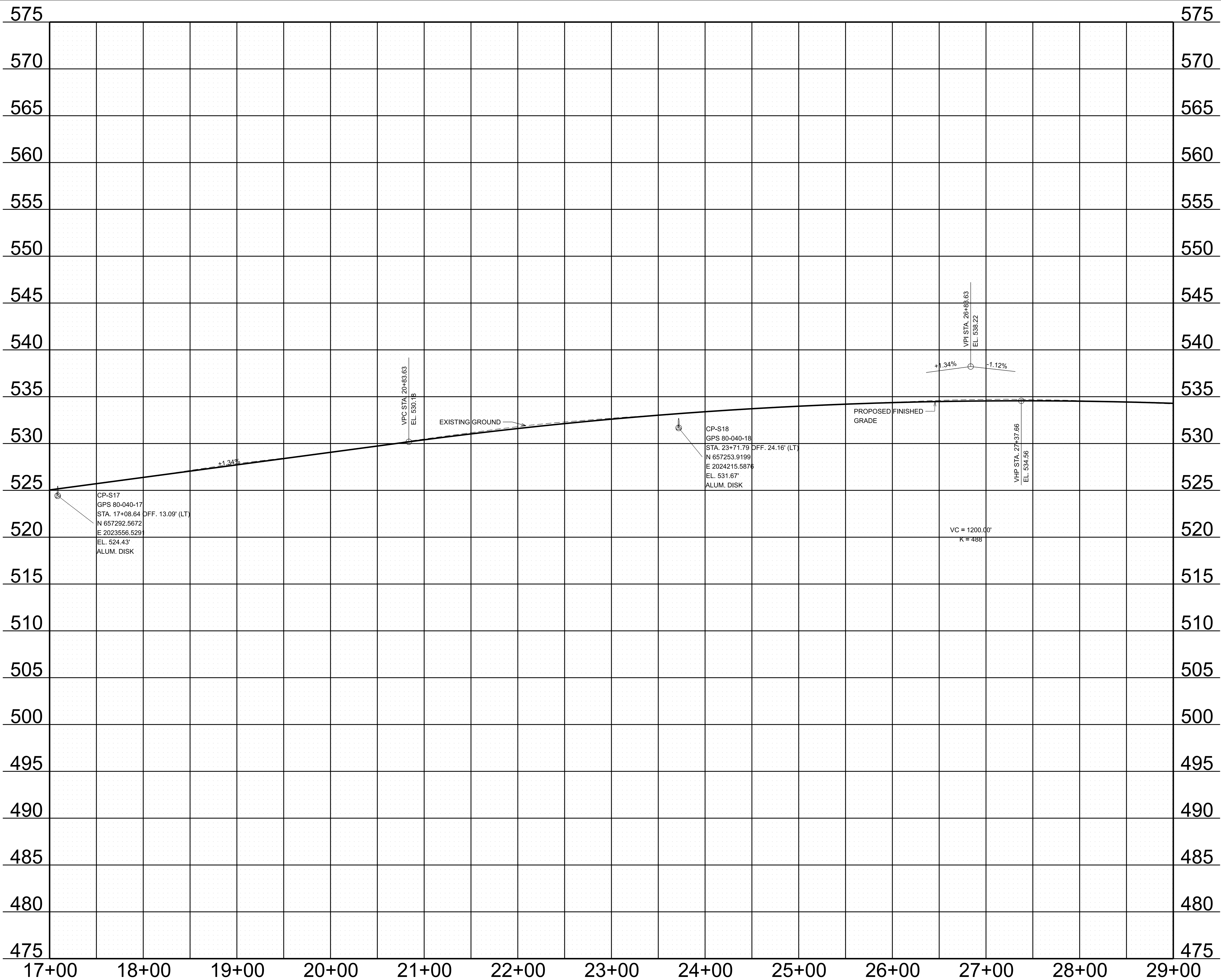
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP A
PROFILE
STA. 5+00.00 TO STA. 17+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/26/2025 5:49:05 PM
G:\HD 5803.090 1-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	11

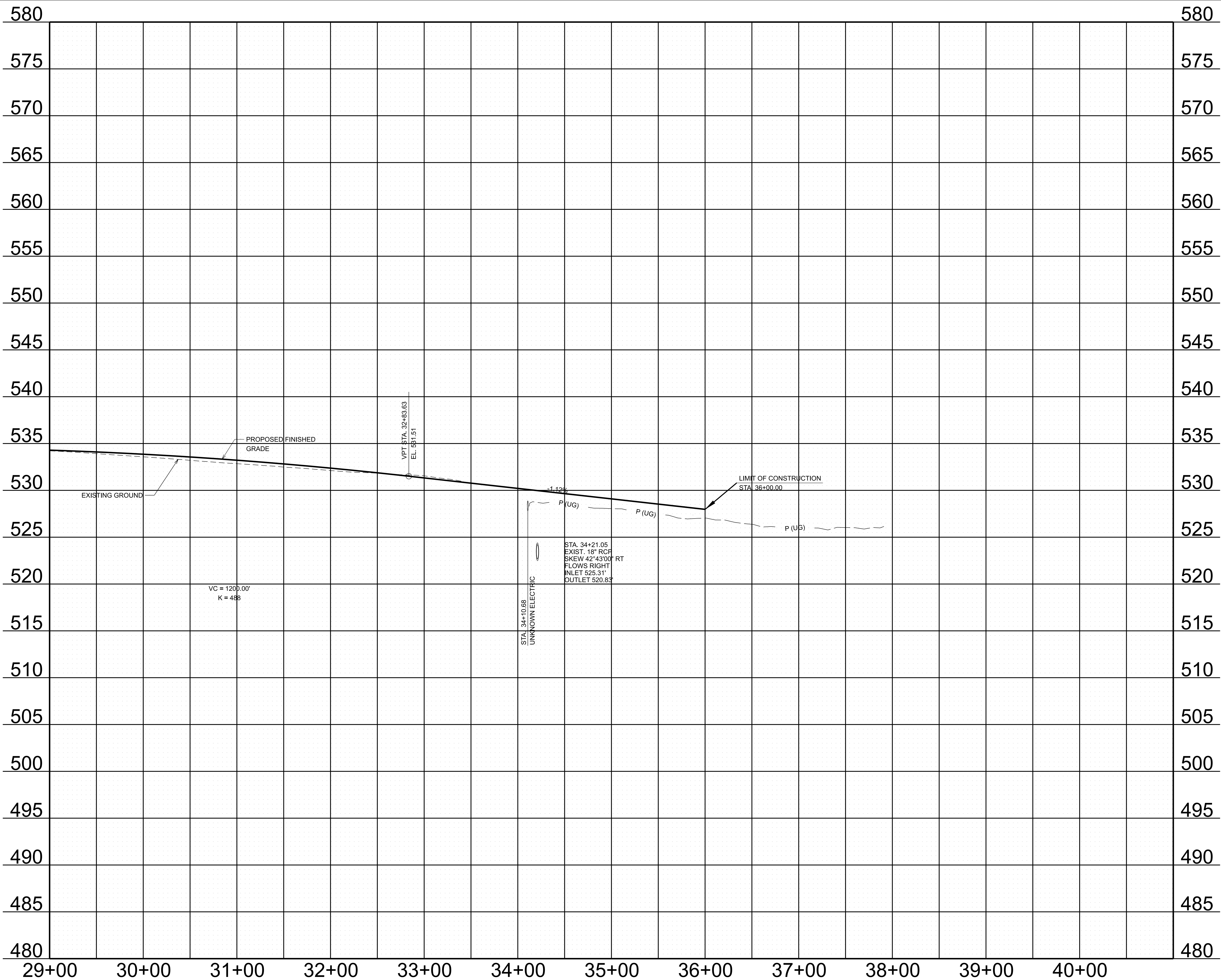
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP A
PROFILE
STA. 17+00.00 TO STA. 29+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/26/2025 5:49:06 PM
G:\HD 5803.090 L40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	12

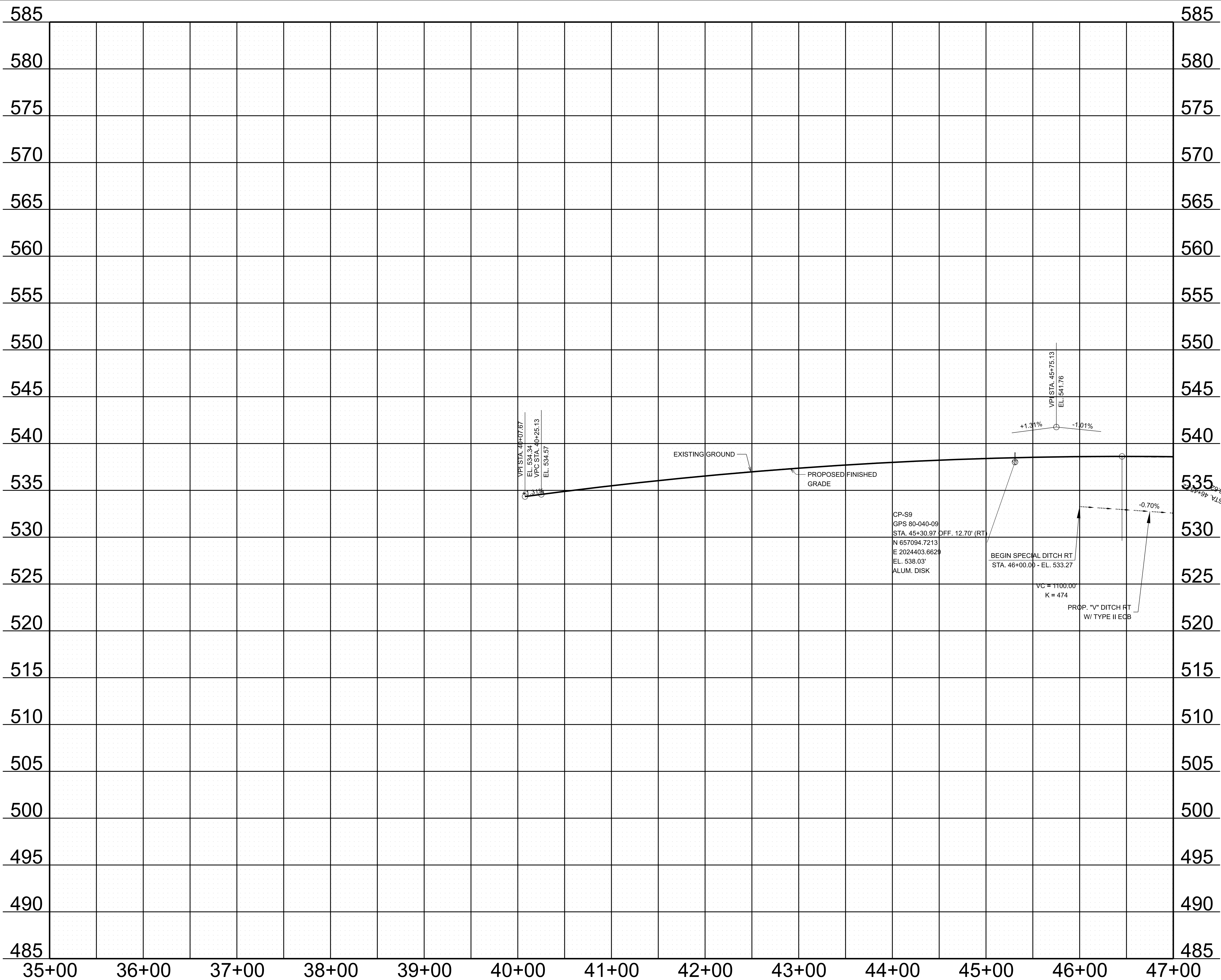
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INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP A
PROFILE
STA. 29+00.00 TO STA. 36+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/26/2025 5:49:06 PM
G:\HD 5803.090 1-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	13

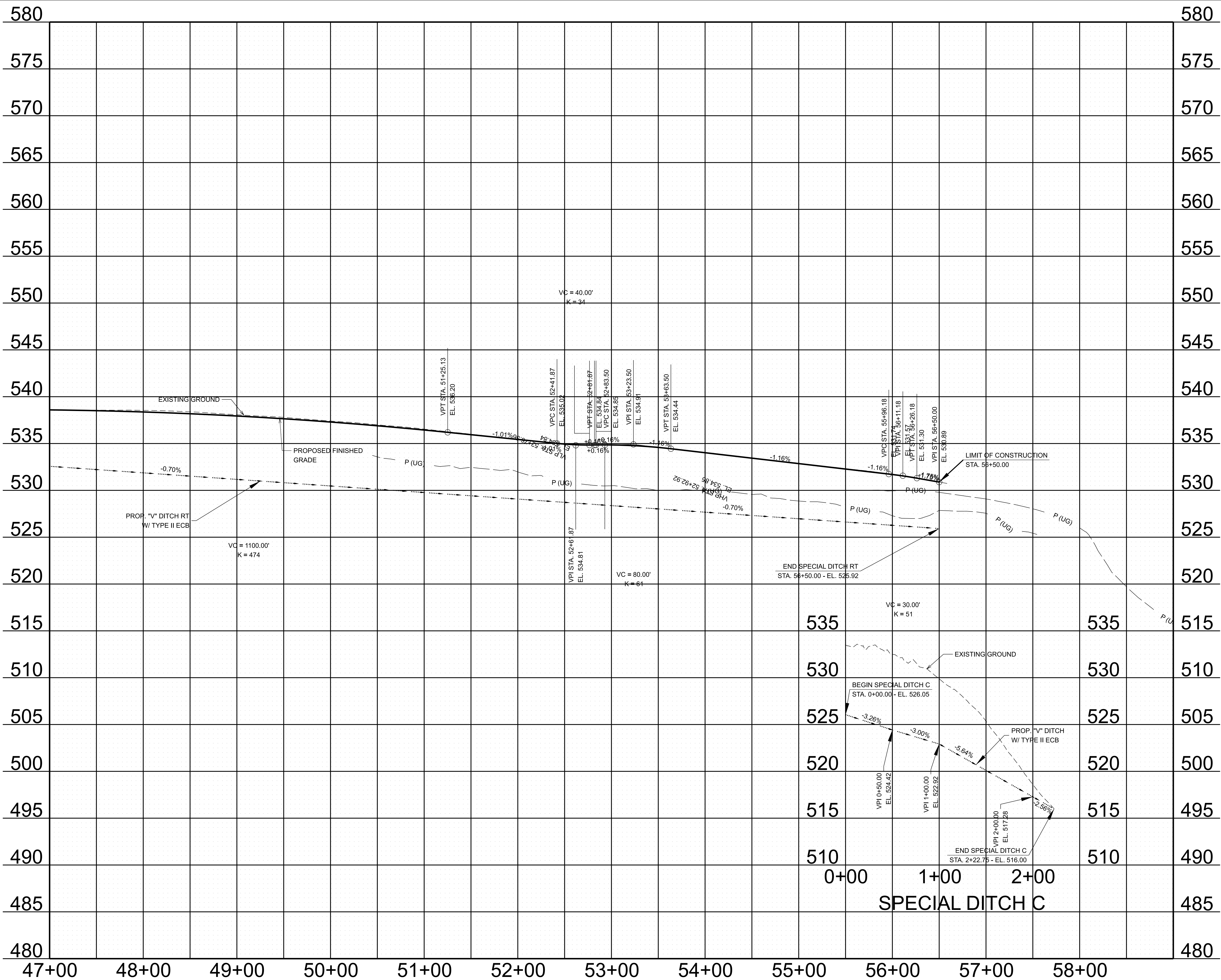
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INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP B
PROFILE
STA. 35+00.00 TO STA. 47+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/26/2025 5:49:07 PM G:\HD 5803.090 1-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	14

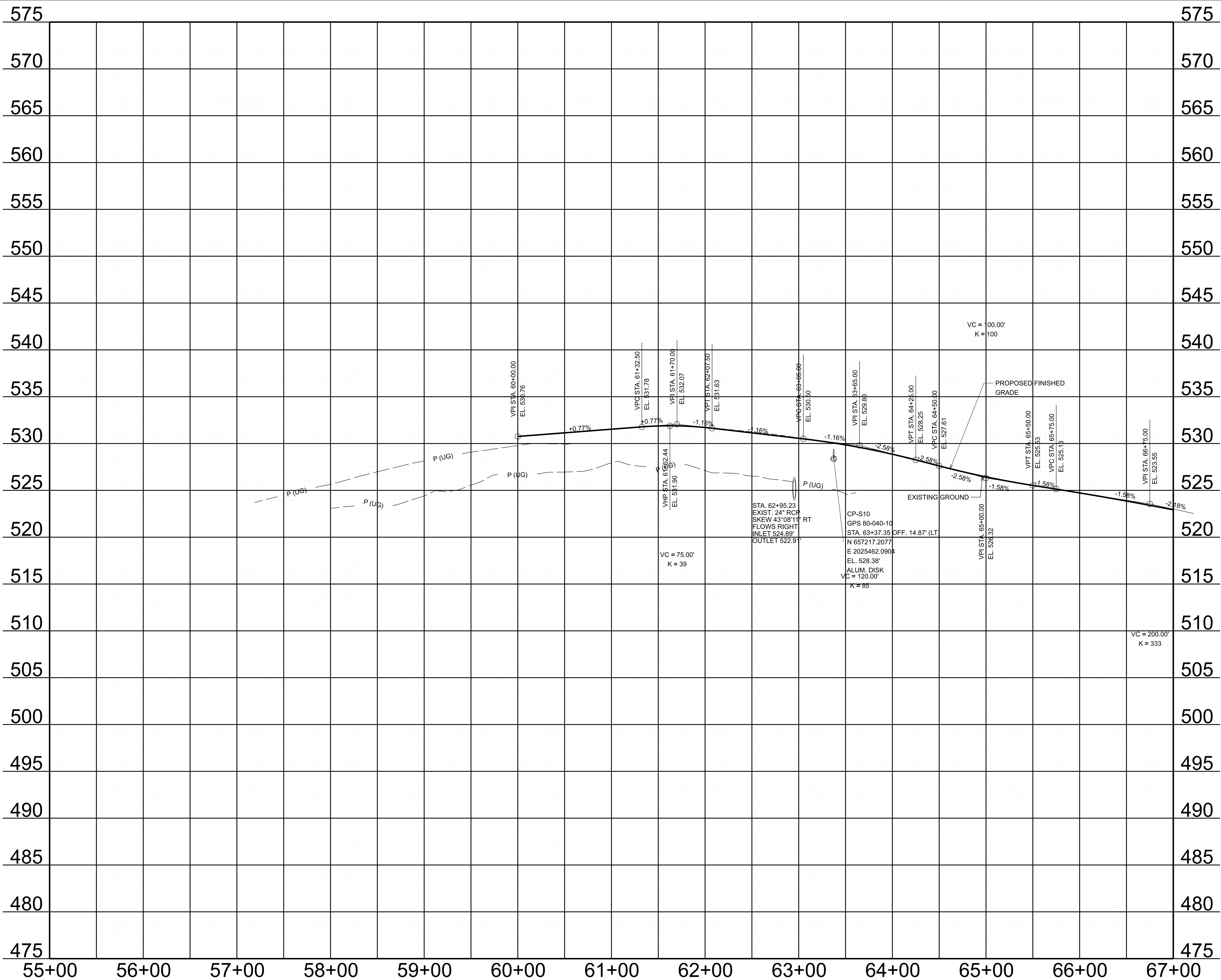
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP B
PROFILE
STA. 47+00.00 TO STA. 56+50.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/26/2025 5:49:07 PM G:\HD 5803.090 1-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	15

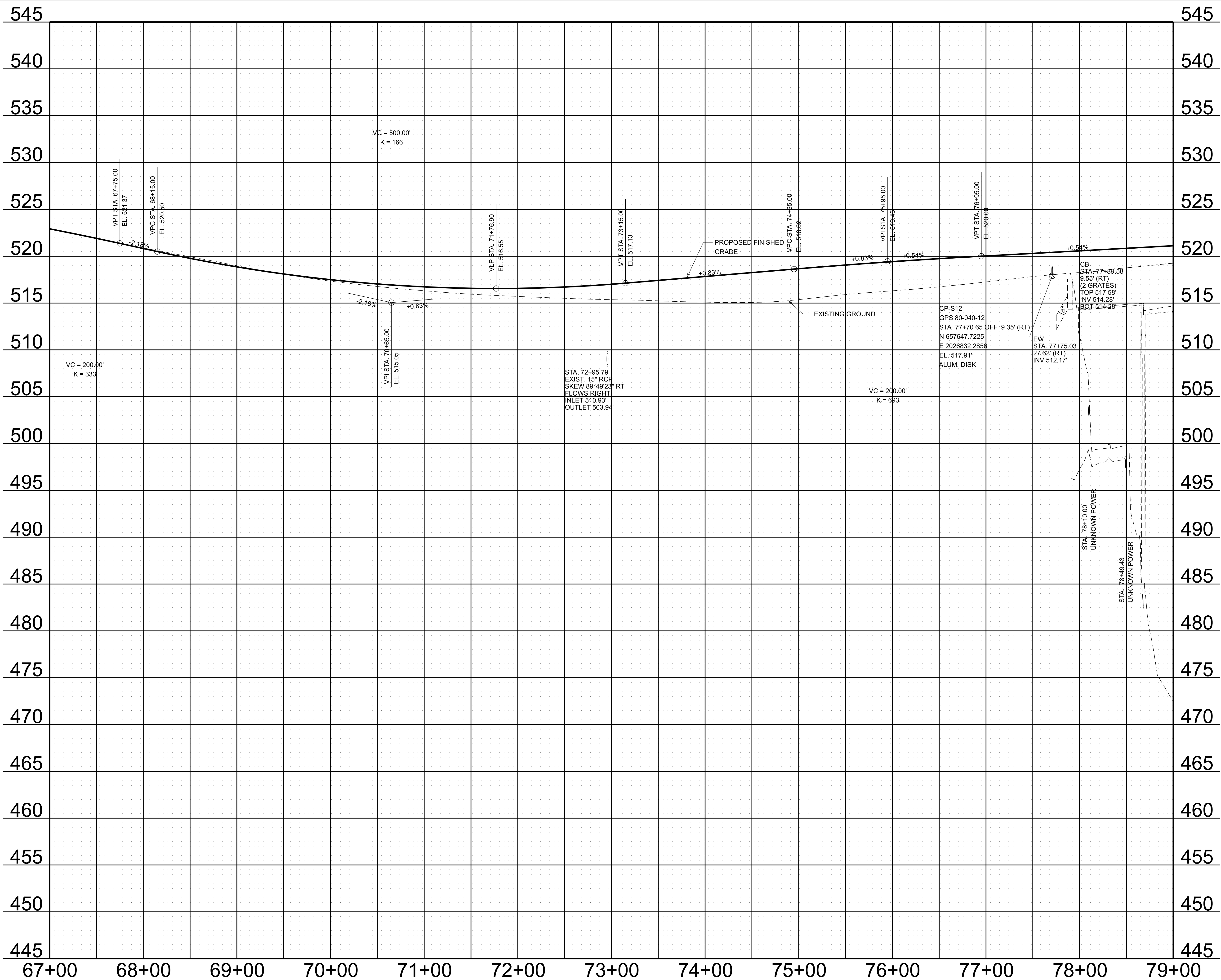
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INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP C
PROFILE
STA. 55+00.00 TO STA. 67+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/26/2025 5:49:08 PM
G:\HD 5803.090 L40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	16

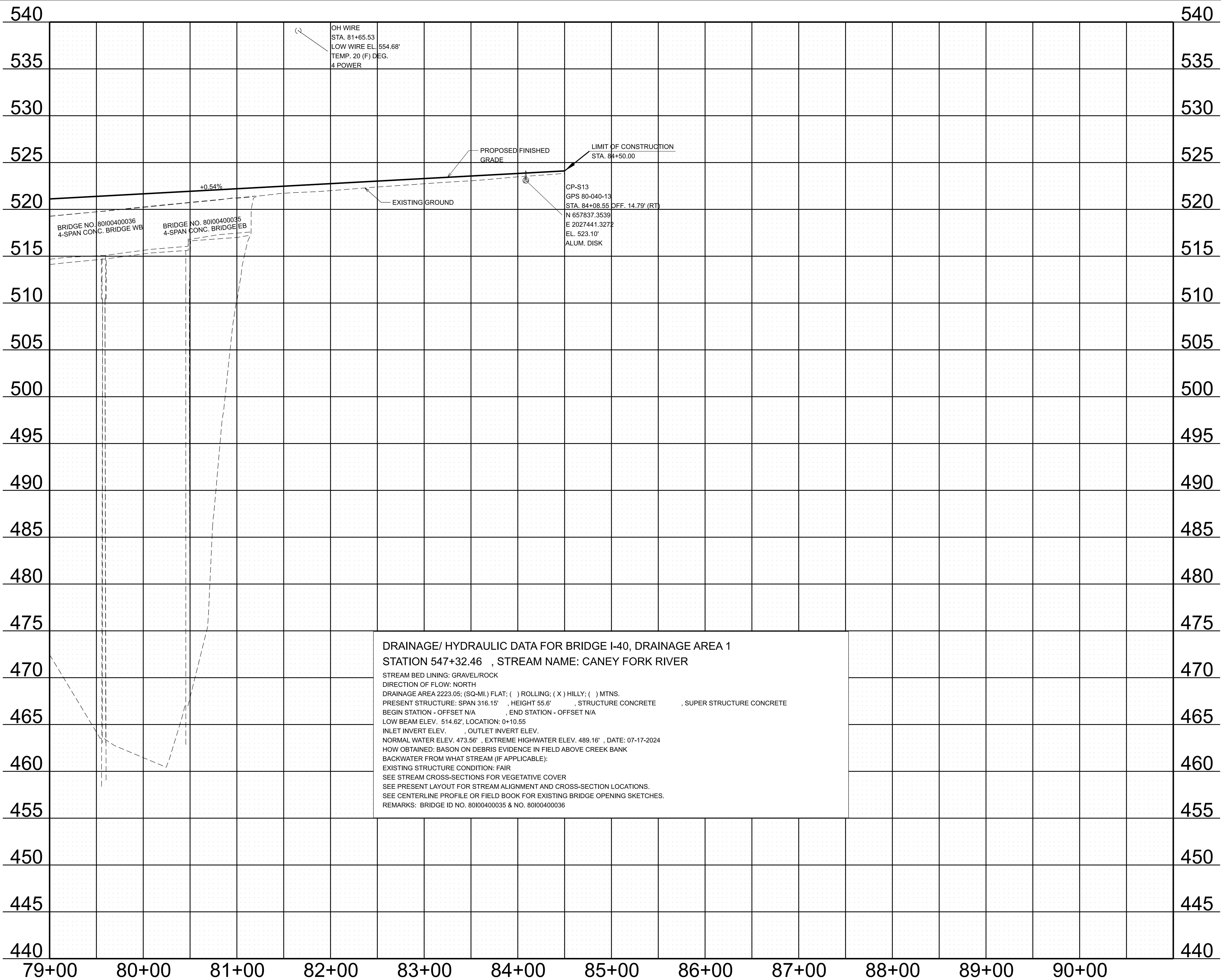
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INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP C
PROFILE
STA. 67+00.00 TO STA. 79+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/26/2025 5:49:08 PM G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	17

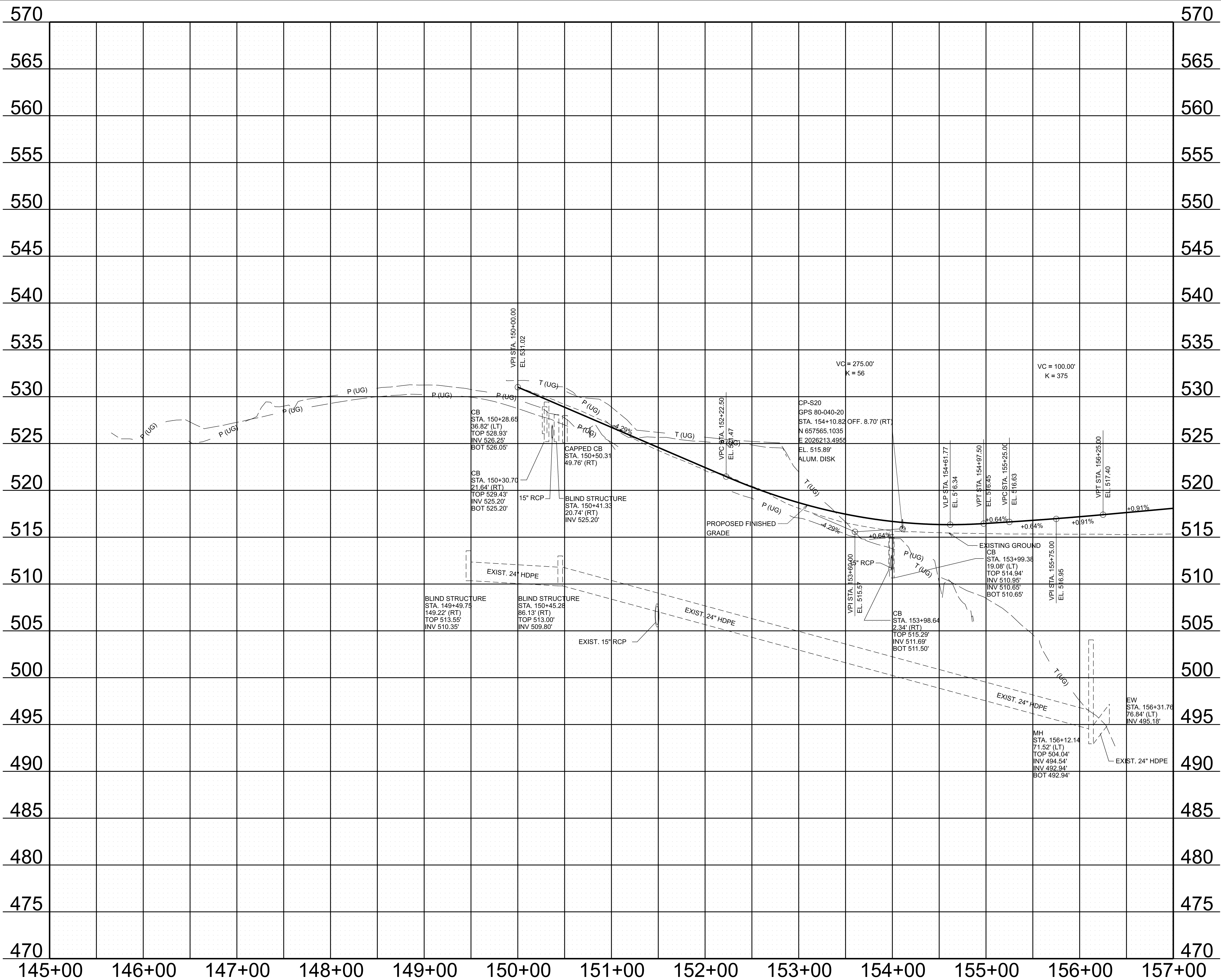
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP C
PROFILE
STA. 79+00.00 TO STA. 84+50.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/26/2025 5:49:08 PM G:\HD 5803.090 1-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	18

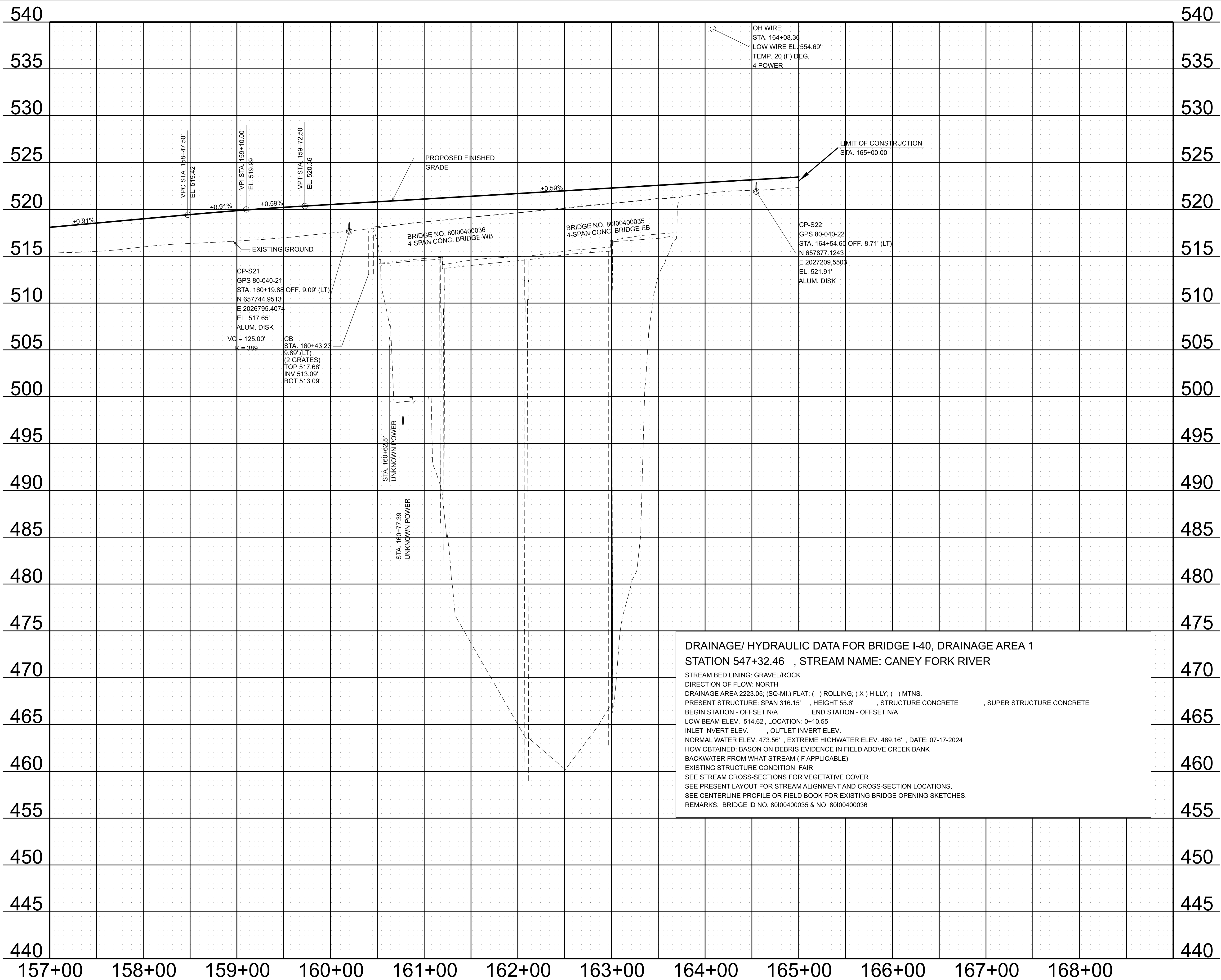
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INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP D
PROFILE
STA. 145+00.00 TO STA. 157+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/26/2025 5:49:10 PM G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\ISHT80I040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	19

DRAINAGE/ HYDRAULIC DATA FOR BRIDGE I-40, DRAINAGE AREA 1
STATION 547+32.46 , STREAM NAME: CANEY FORK RIVER

STREAM BED LINING: GRAVEL/ROCK
DIRECTION OF FLOW: NORTH
DRAINAGE AREA 2223.05; (SQ-MI.) FLAT; () ROLLING; (X) HILLY; () MTNS.
PRESENT STRUCTURE: SPAN 316.15' , HEIGHT 55.6' , STRUCTURE CONCRETE , SUPER STRUCTURE CONCRETE
BEGIN STATION - OFFSET N/A , END STATION - OFFSET N/A
LOW BEAM ELEV. 514.62', LOCATION: 0+10.55
INLET INVERT ELEV. , OUTLET INVERT ELEV.
NORMAL WATER ELEV. 473.56' , EXTREME HIGHWATER ELEV. 489.16' , DATE: 07-17-2024
HOW OBTAINED: BASON ON DEBRIS EVIDENCE IN FIELD ABOVE CREEK BANK
BACKWATER FROM WHAT STREAM (IF APPLICABLE):
EXISTING STRUCTURE CONDITION: FAIR
SEE STREAM CROSS-SECTIONS FOR VEGETATIVE COVER
SEE PRESENT LAYOUT FOR STREAM ALIGNMENT AND CROSS-SECTION LOCATIONS.
SEE CENTERLINE PROFILE OR FIELD BOOK FOR EXISTING BRIDGE OPENING SKETCHES.
REMARKS: BRIDGE ID NO. 80I00400035 & NO. 80I00400036

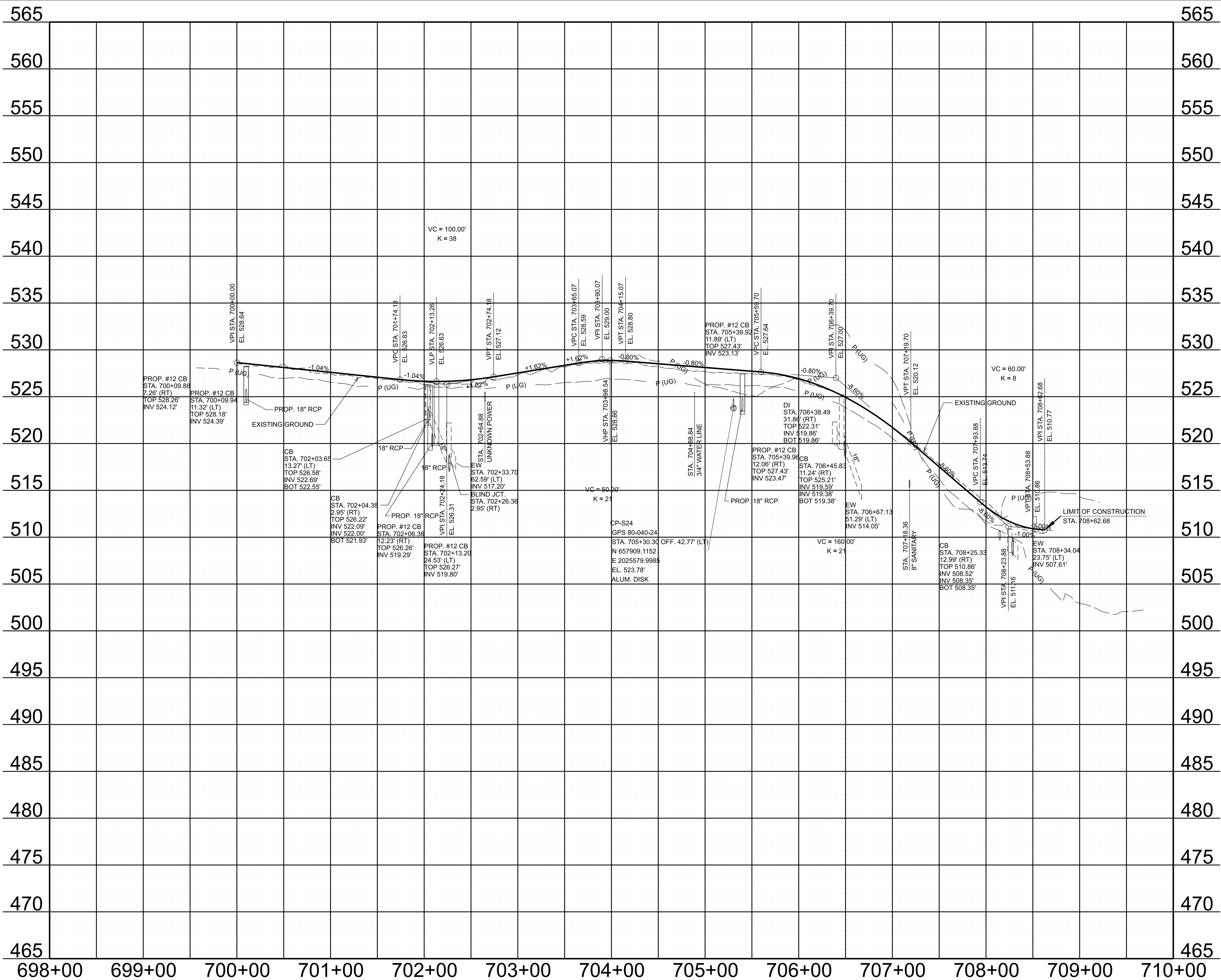
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INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RAMP D
PROFILE
STA. 157+00.00 TO STA. 165+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

8/26/2025 5:49:18 PM G:\HD 5803.090 1-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-PROPOSED PROFILES.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	20

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ACCESS ROAD
PROFILE
STA. 698+00.00 TO STA. 710+00.00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

DRAINAGE/ HYDRAULIC DATA FOR BRIDGE I-40, DRAINAGE AREA 1
STATION 547+32.46 , STREAM NAME: CANEY FORK RIVER
STREAM BED LINING: GRAVEL/ROCK
DIRECTION OF FLOW: NORTH
DRAINAGE AREA 2223.05; (SQ-MI.) FLAT; () ROLLING; (X) HILLY; () MTNS.
PRESENT STRUCTURE: SPAN 316.15' , HEIGHT 55.6' , STRUCTURE CONCRETE , SUPER STRUCTURE CONCRETE
BEGIN STATION - OFFSET N/A , END STATION - OFFSET N/A
LOW BEAM ELEV. 514.62', LOCATION: 0+10.55
INLET INVERT ELEV. , OUTLET INVERT ELEV.
NORMAL WATER ELEV. 473.56' , EXTREME HIGHWATER ELEV. 489.16' , DATE: 07-17-2024
HOW OBTAINED: BASON ON DEBRIS EVIDENCE IN FIELD ABOVE CREEK BANK
BACKWATER FROM WHAT STREAM (IF APPLICABLE):
EXISTING STRUCTURE CONDITION: FAIR
SEE STREAM CROSS-SECTIONS FOR VEGETATIVE COVER
SEE PRESENT LAYOUT FOR STREAM ALIGNMENT AND CROSS-SECTION LOCATIONS.
SEE CENTERLINE PROFILE OR FIELD BOOK FOR EXISTING BRIDGE OPENING SKETCHES.
REMARKS: BRIDGE ID NO. 80I00400035 & NO. 80I00400036

<div>DRAINAGE DATA FOR PIPE, DRAINAGE AREA 2 STATION 117+13.57 DIRECTION OF FLOW: LEFT DRAINAGE AREA 3.23 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 18" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 9 STATION 0+55.96 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 1.34 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 18" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	<div>DRAINAGE DATA FOR PIPE, DRAINAGE AREA 16 STATION 64+09.08 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 9.75 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 48" CMP EXISTING STRUCTURE CONDITION: FAIR REMARKS: INCLUDES AREAS 3 & 6</div>	<div>DRAINAGE DATA FOR PIPE, DRAINAGE AREA 23 STATION 557+46.06 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 27.12 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 36" HDPE INSIDE 48" CMP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>
<div>DRAINAGE DATA FOR PIPE, DRAINAGE AREA 3 STATION 32+44.90 DIRECTION OF FLOW: LEFT DRAINAGE AREA 1.16 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 24" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 10 STATION 82+90.84 DIRECTION OF FLOW: LEFT DRAINAGE AREA 7.53 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 18" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS: INCLUDES AREAS 8 & 9</div>	<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 17 STATION 108+54.64 DIRECTION OF FLOW: LEFT DRAINAGE AREA 0.34 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 15" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	
<div>DRAINAGE DATA FOR PIPE, DRAINAGE AREA 4 STATION 52+58.73 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 1.41 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 18" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 11 STATION 85+49.79 DIRECTION OF FLOW: LEFT DRAINAGE AREA 0.12 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 15" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 18 STATION 111+11.52 DIRECTION OF FLOW: LEFT DRAINAGE AREA 0.11 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 15" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	
<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 5 STATION 107+02.05 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 18.96 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 24" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS: INCLUDES AREAS 2, 7, 17 & 18</div>	<div>DRAINAGE DATA FOR PIPE, DRAINAGE AREA 12 STATION 88+14.61 DIRECTION OF FLOW: LEFT DRAINAGE AREA 0.09 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 15" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 19 STATION 104+83.34 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 0.14 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 15" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	
<div>DRAINAGE DATA FOR PIPE, DRAINAGE AREA 6 STATION 22+69.47 DIRECTION OF FLOW: LEFT DRAINAGE AREA 1.52 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 15" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 13 STATION 74+76.44 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 0.21 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 15" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	<div>DRAINAGE DATA FOR PIPE, DRAINAGE AREA 20 STATION 71+96.87 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 18.90 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 48" CMP EXISTING STRUCTURE CONDITION: FAIR REMARKS: INCLUDES AREAS 2, 5, 7, 17, 18 & 19</div>	
<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 7 STATION 113+55.85 DIRECTION OF FLOW: LEFT DRAINAGE AREA 2.27 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 18" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 14 STATION 78+59.67 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 7.53 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 24" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS: INCLUDES AREAS 8, 9, 10, 11 & 12</div>	<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 21 STATION 69+33.93 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 0.20 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 15" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	
<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 8 STATION 2+33.76 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 1.11 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 18" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 15 STATION 91+71.95 DIRECTION OF FLOW: LEFT DRAINAGE AREA 0.16 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 15" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	<div>DRAINAGE DATA FOR STORM, DRAINAGE AREA 22 STATION 66+74.11 DIRECTION OF FLOW: RIGHT DRAINAGE AREA 0.22 AC , () FLAT; (X) ROLLING; () HILLY; () MTNS. PRESENT STRUCTURE: 15" RCP EXISTING STRUCTURE CONDITION: FAIR REMARKS:</div>	

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	21

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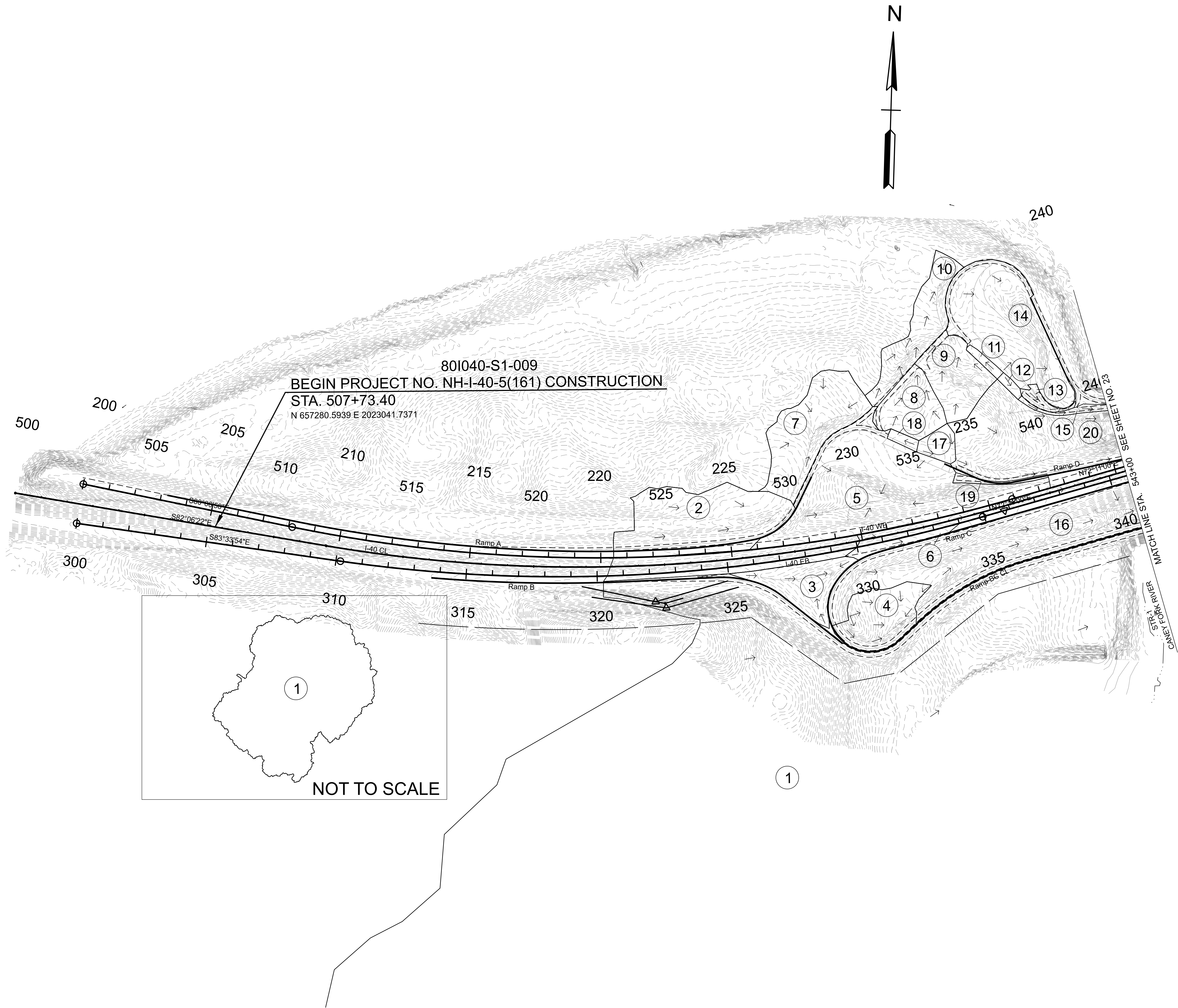
INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE
MAP

DRAINAGE AREA DATA
AREAS 1-23

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	22



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INFO
ONLY

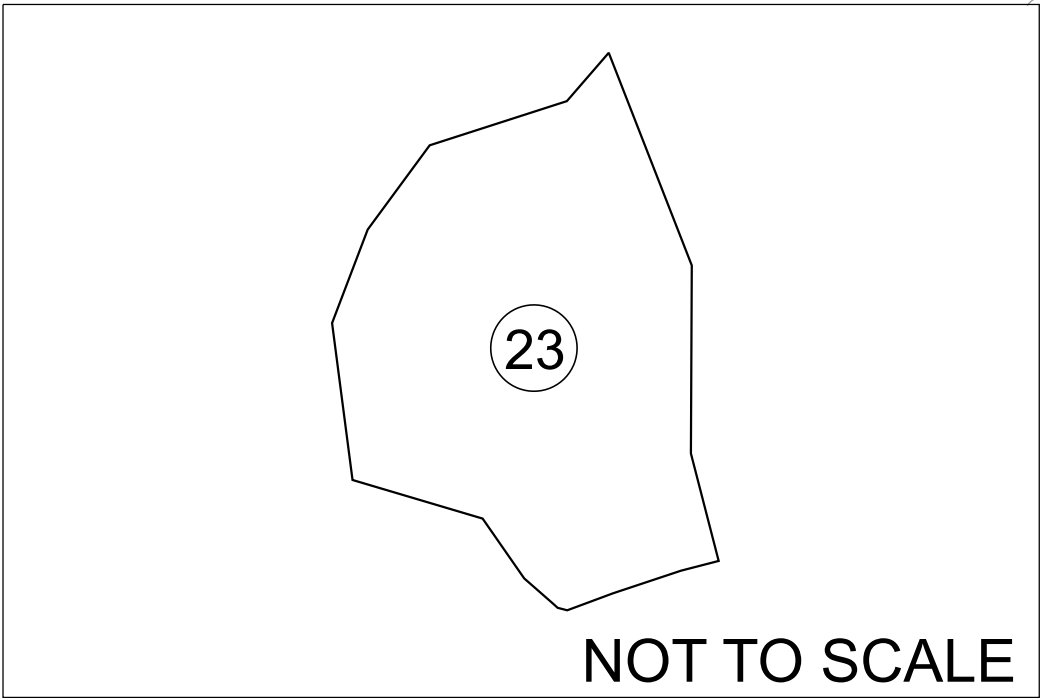
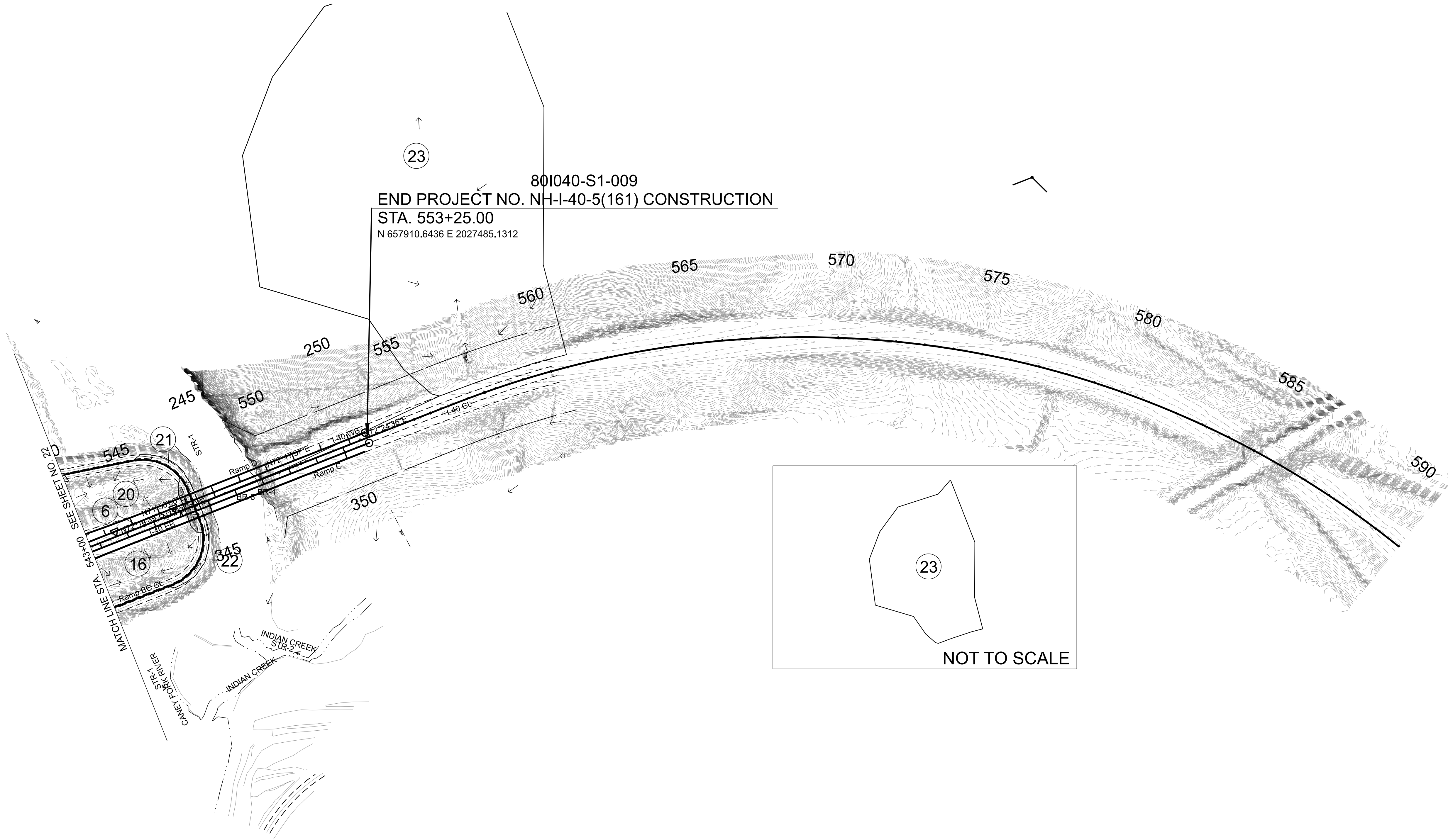
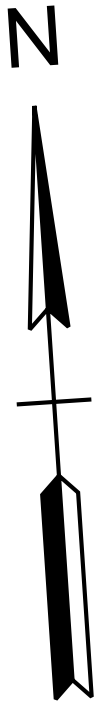
COORDINATES ARE NAD 83(2011), ARE
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 ALL ELEVATIONS ARE REFERENCED
 TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

DRAINAGE
 MAP

STA. 495+00.00 TO STA. 543+00.00
 SCALE: 1" = 200'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	23



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INFO
ONLY

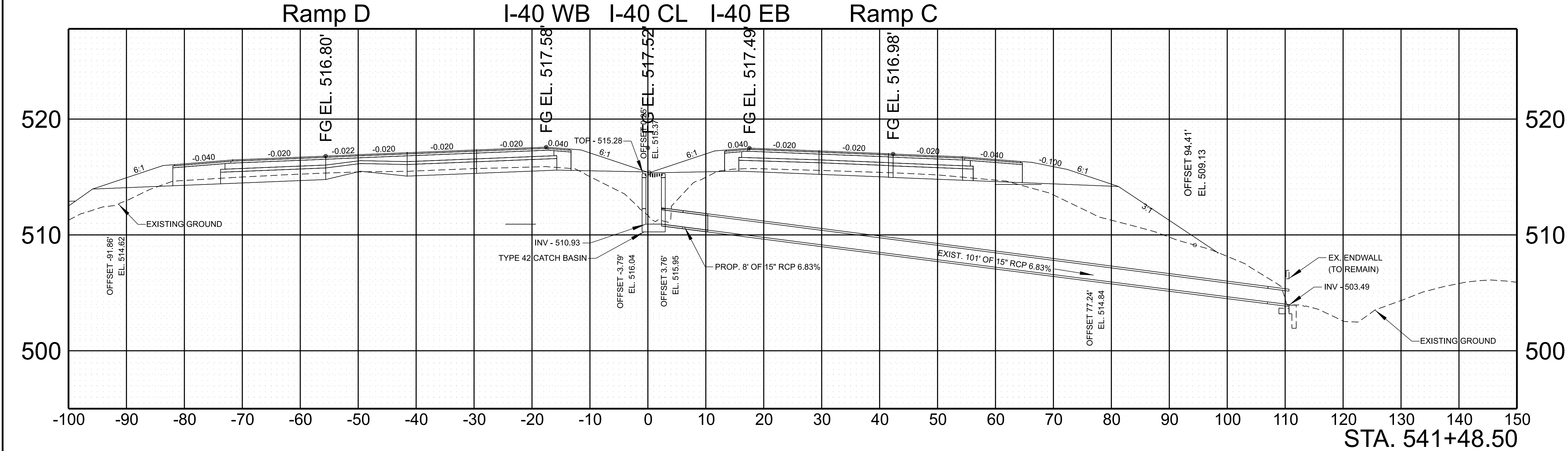
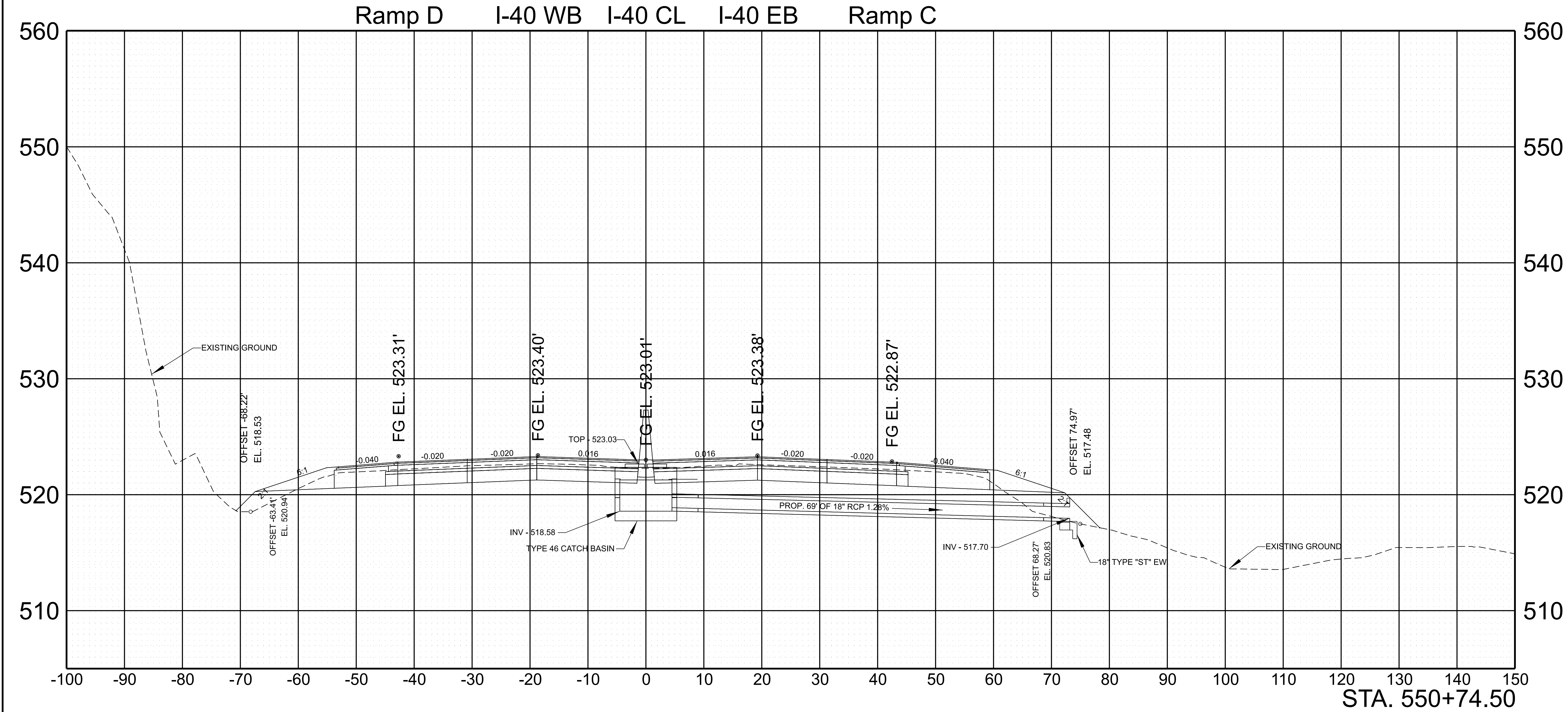
COORDINATES ARE NAD 83(2011), ARE
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OF 1.00006 AND TIED TO THE TGRN.
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE
MAPS

STA. 543+00.00 TO STA. 591+00.00
SCALE: 1" = 200'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	24



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INFO ONLY

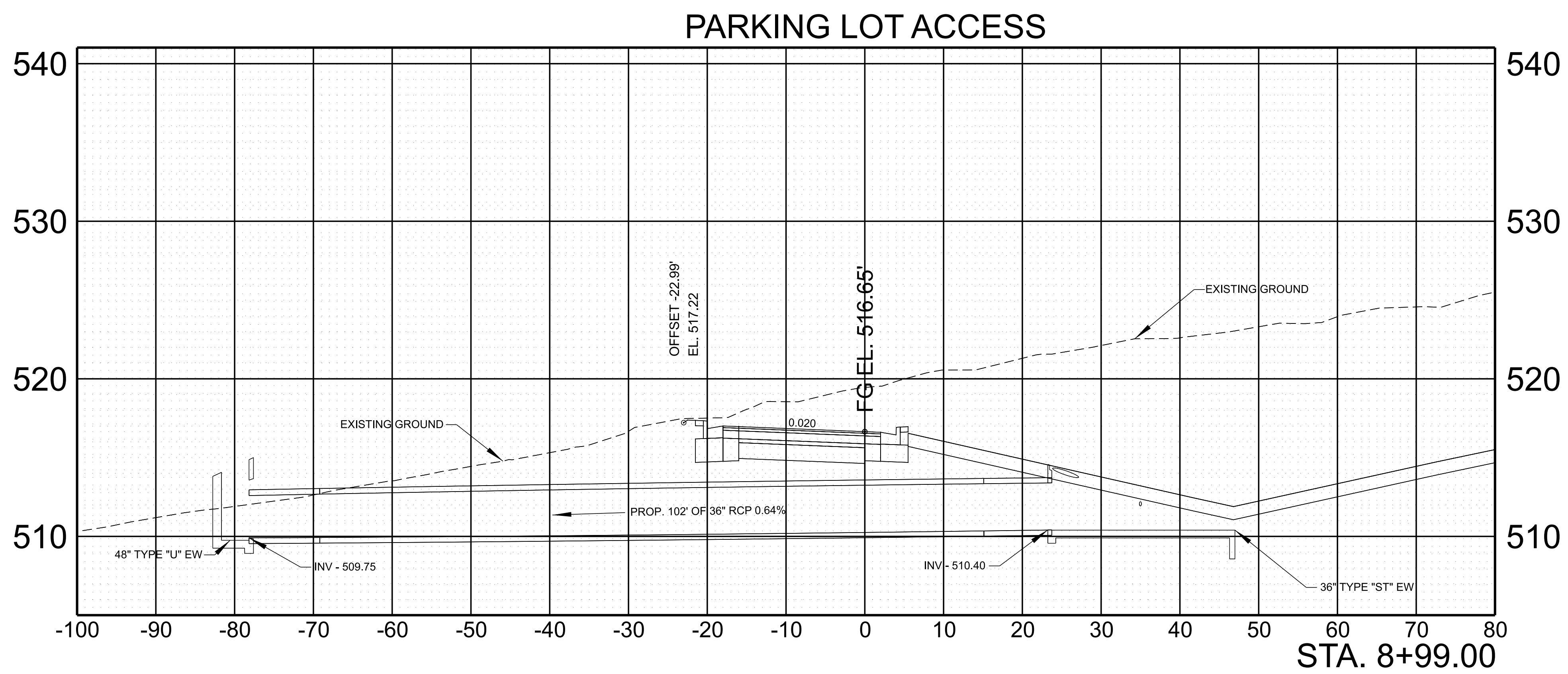
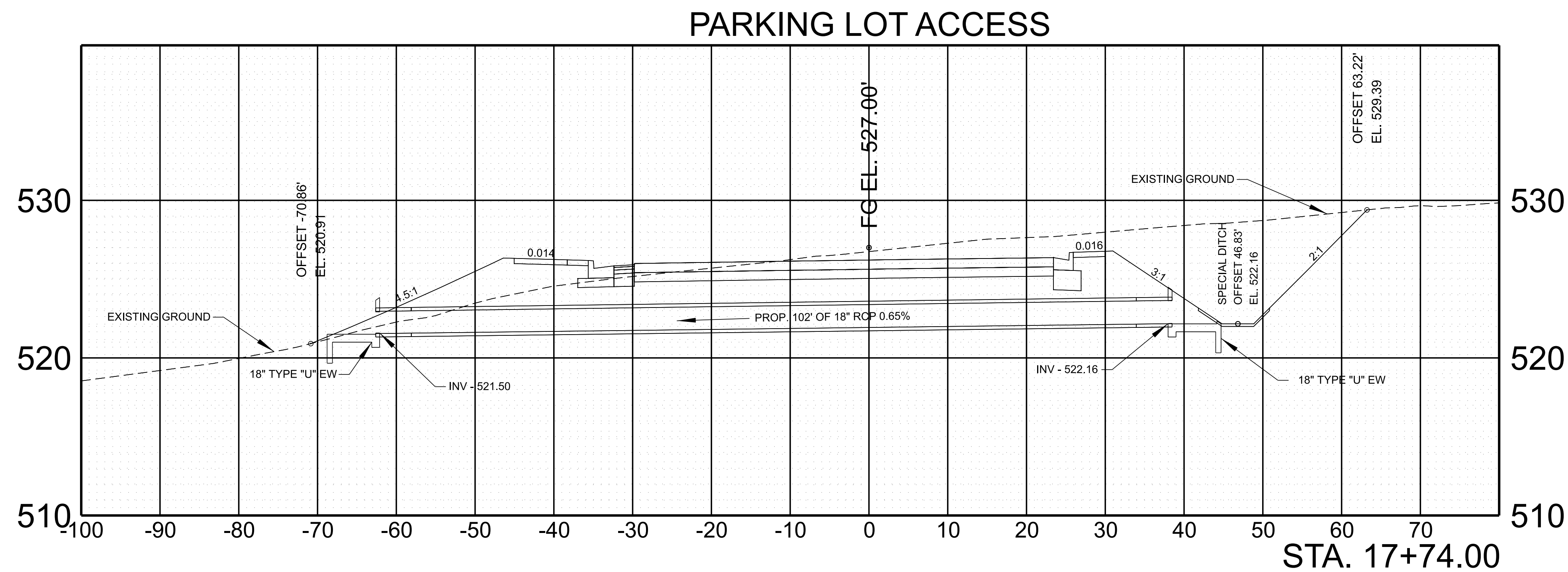
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

SCALE: 1" = 10' HORIZ.
1" = 5' VERT.

8/26/2025 11:08:54 AM G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH-801040-SHT-CULVERT SECTIONS.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	25



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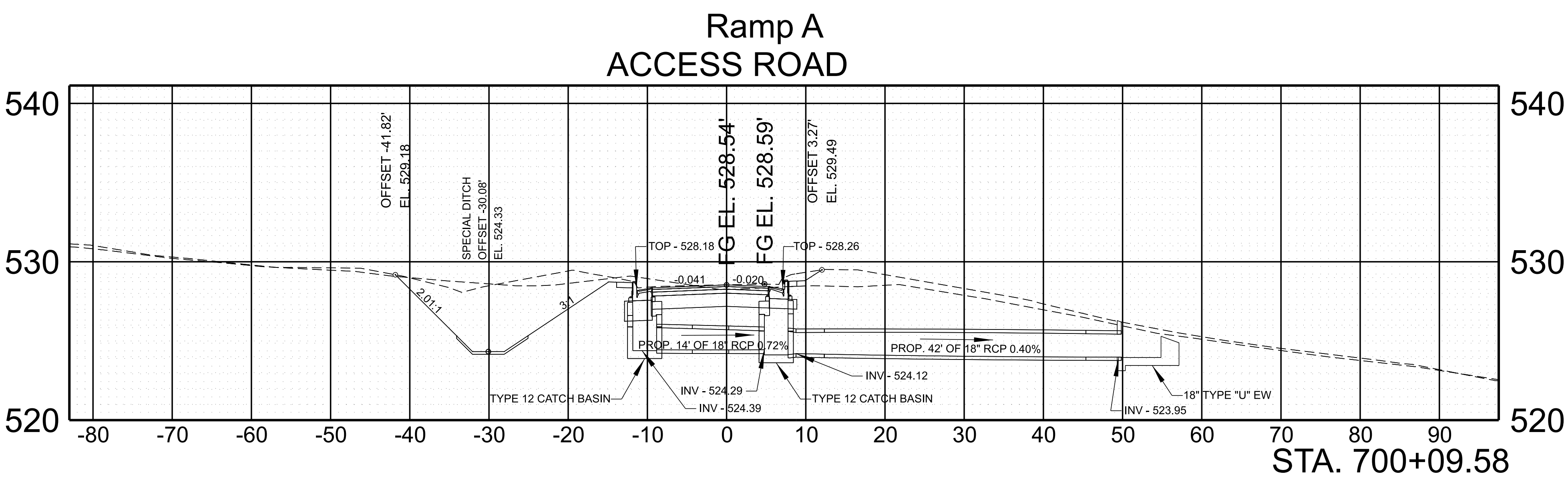
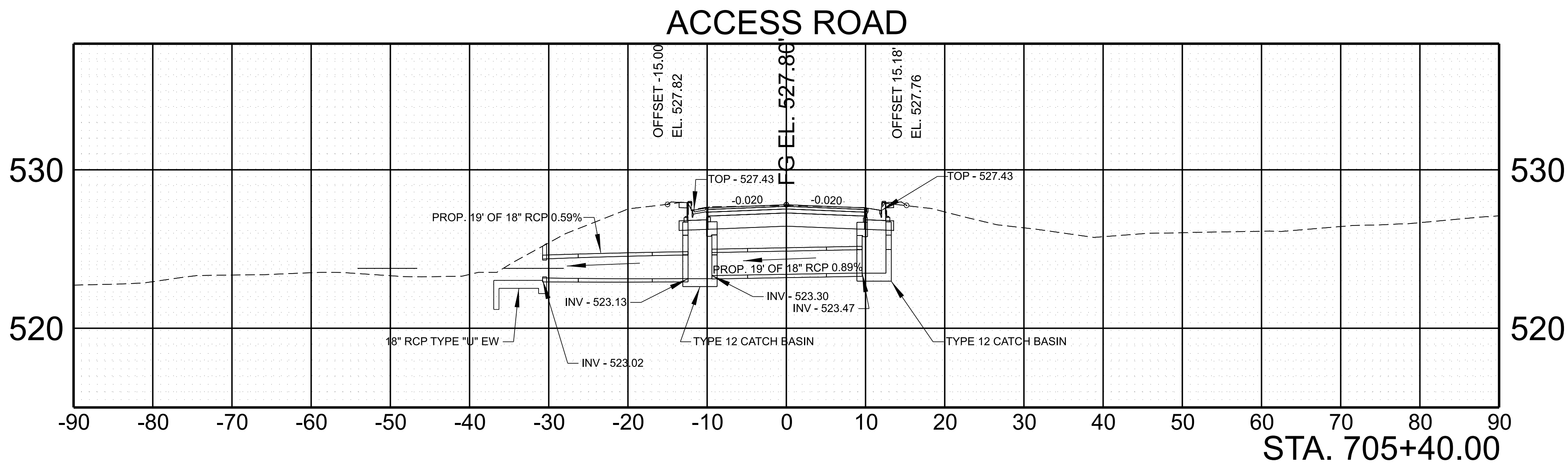
INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

SCALE: 1" = 10' HORIZ.
1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	26



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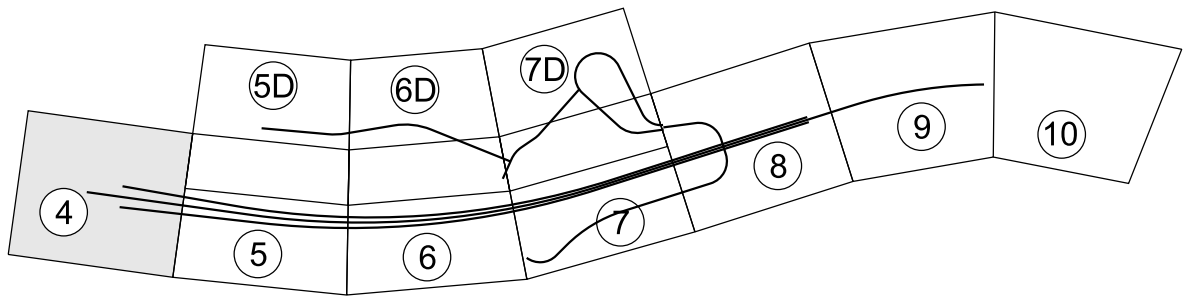
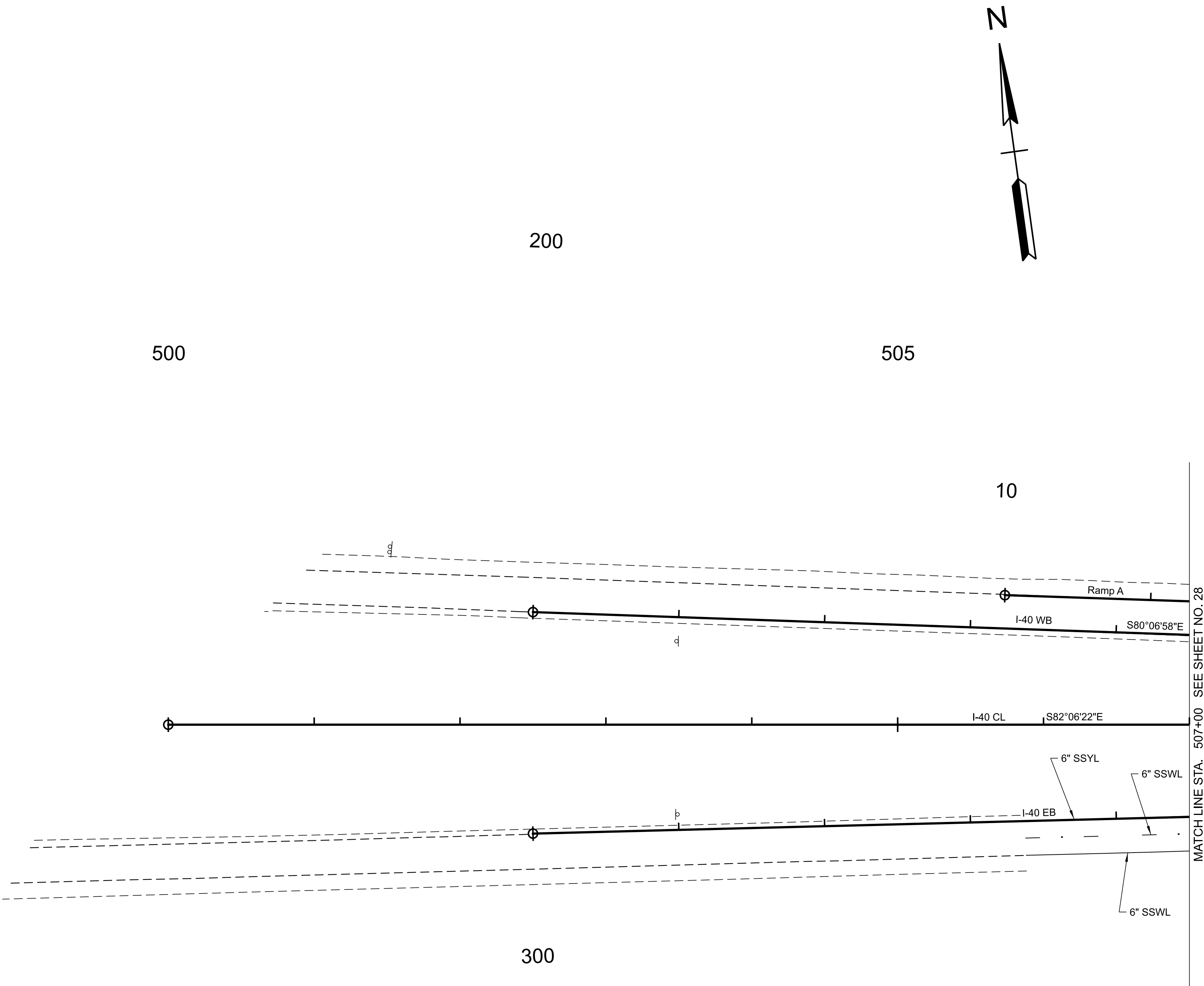
INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CULVERT SECTION

SCALE: 1" = 10' HORIZ.
1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	27



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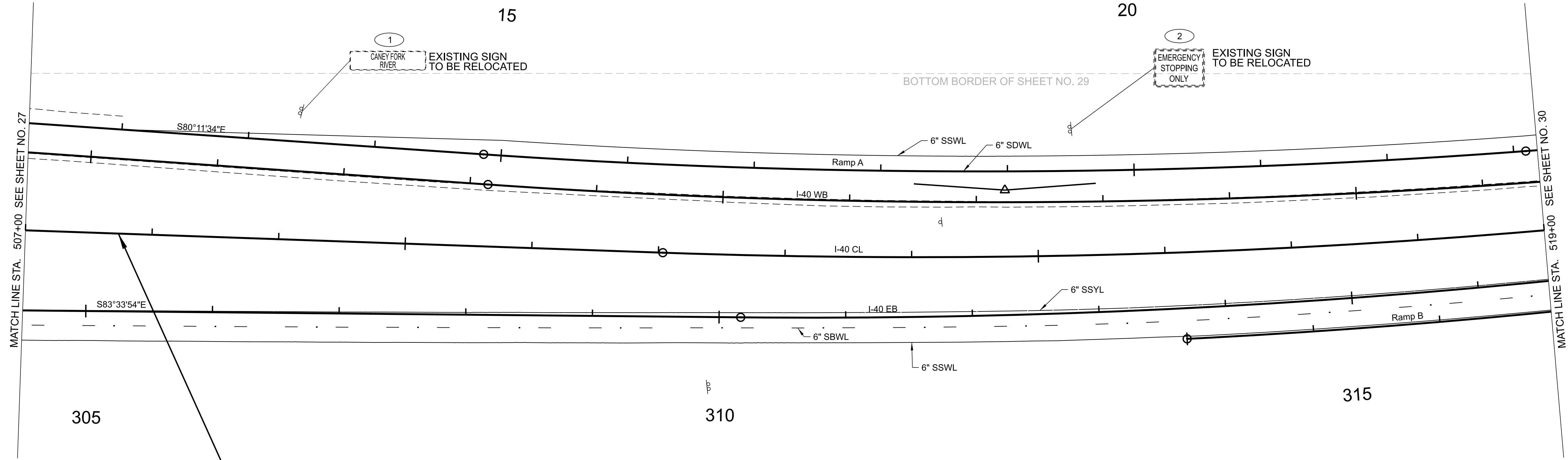
INFO ONLY

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

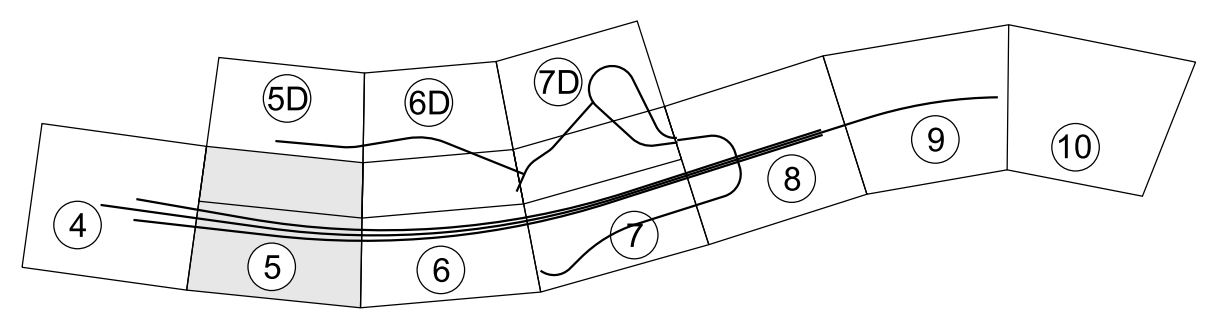
**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**SIGNING AND
PAVEMENT
MARKING
PLAN**
STA. 495+00.00 TO STA. 507+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	28



80I040-S1-009
BEGIN PROJECT NO. NH-I-40-5(161) CONSTRUCTION
STA. 507+73.40
N 657280.5939 E 2023041.7371



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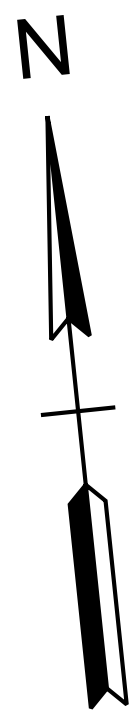
INFO ONLY

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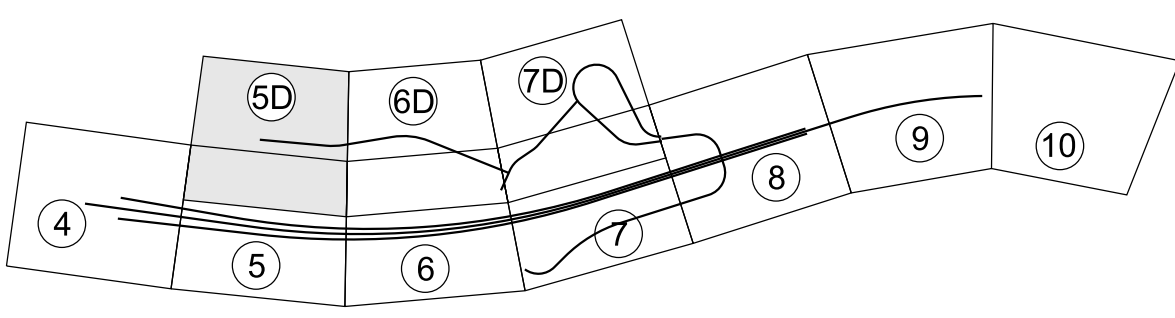
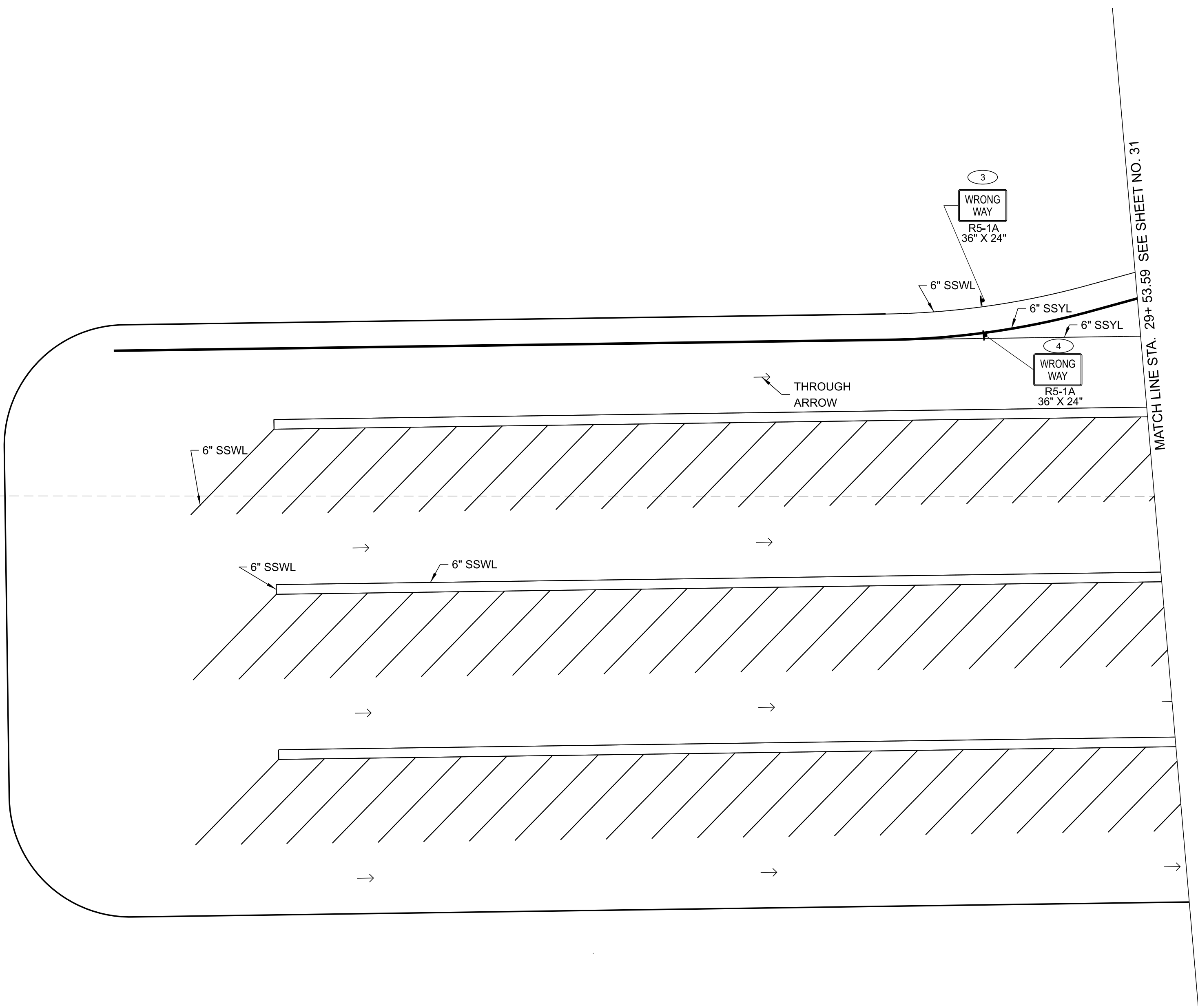
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA. 507+00.00 TO STA. 519+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	29



TOP BORDER OF SHEET NO. 28



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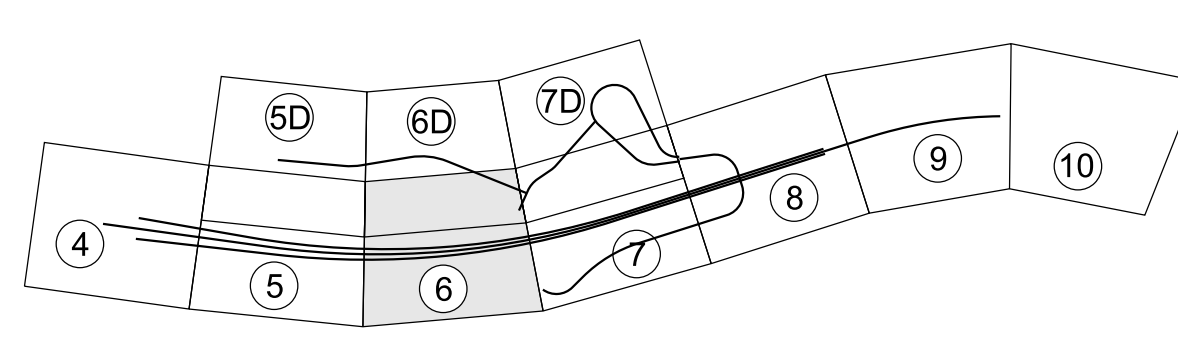
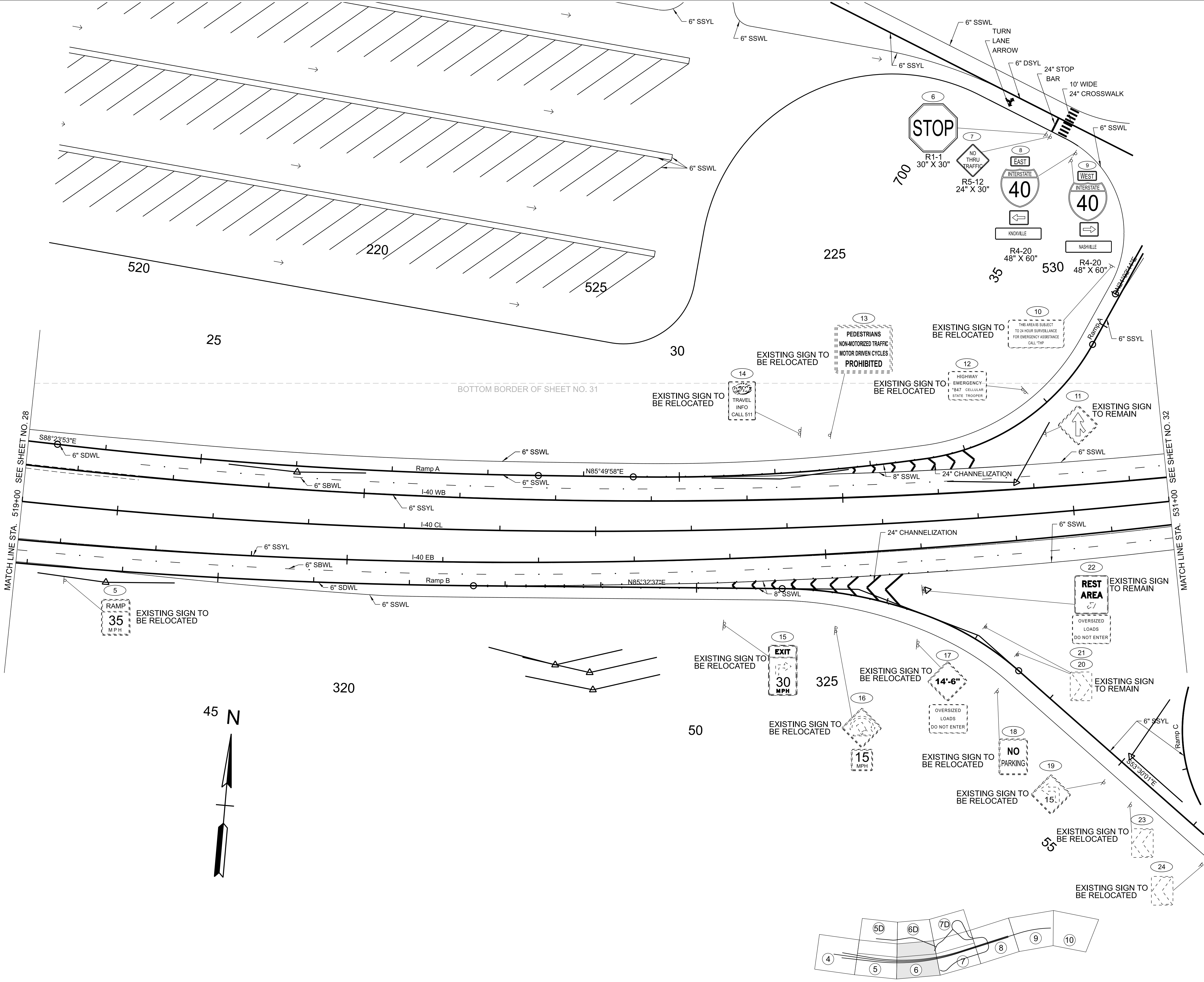
INFO ONLY

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA. 2+00.00 TO STA. 29+53.59
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	30



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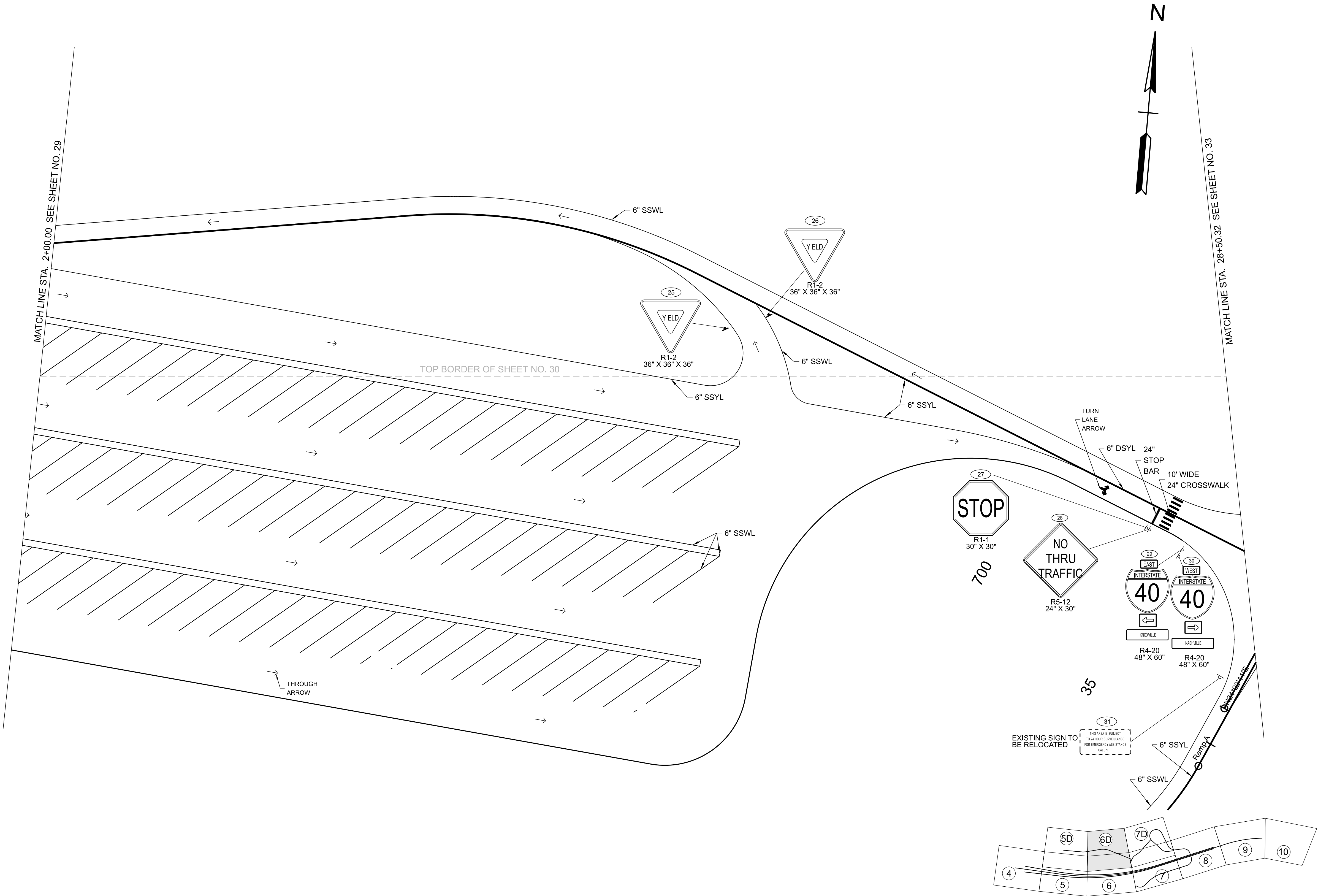
INFO ONLY

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**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**SIGNING AND
PAVEMENT
MARKING
PLAN**
STA. 519+00.00 TO STA. 531+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	31



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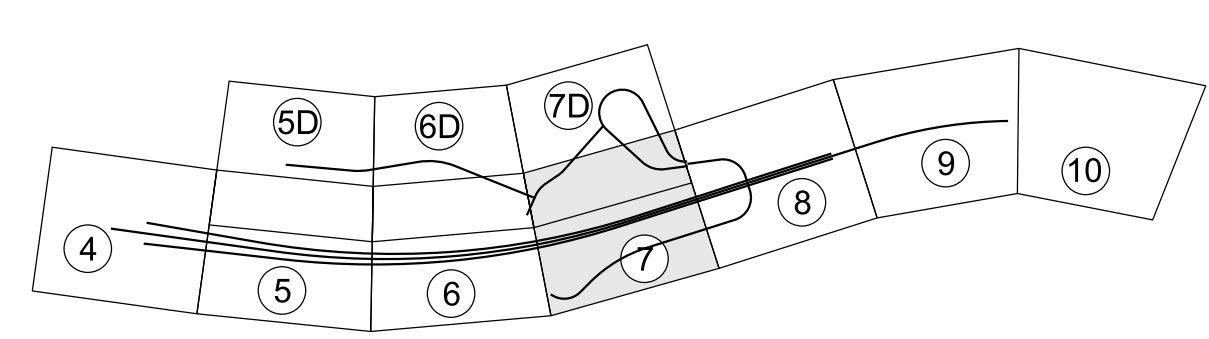
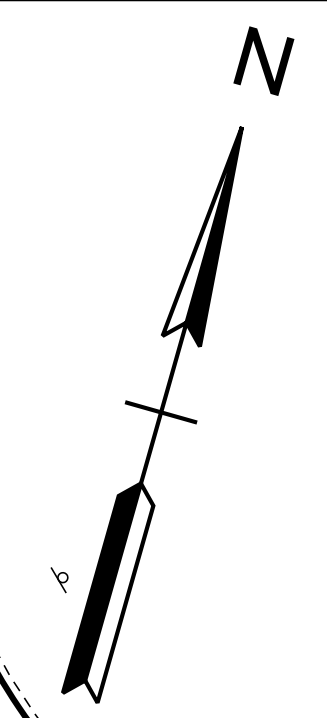
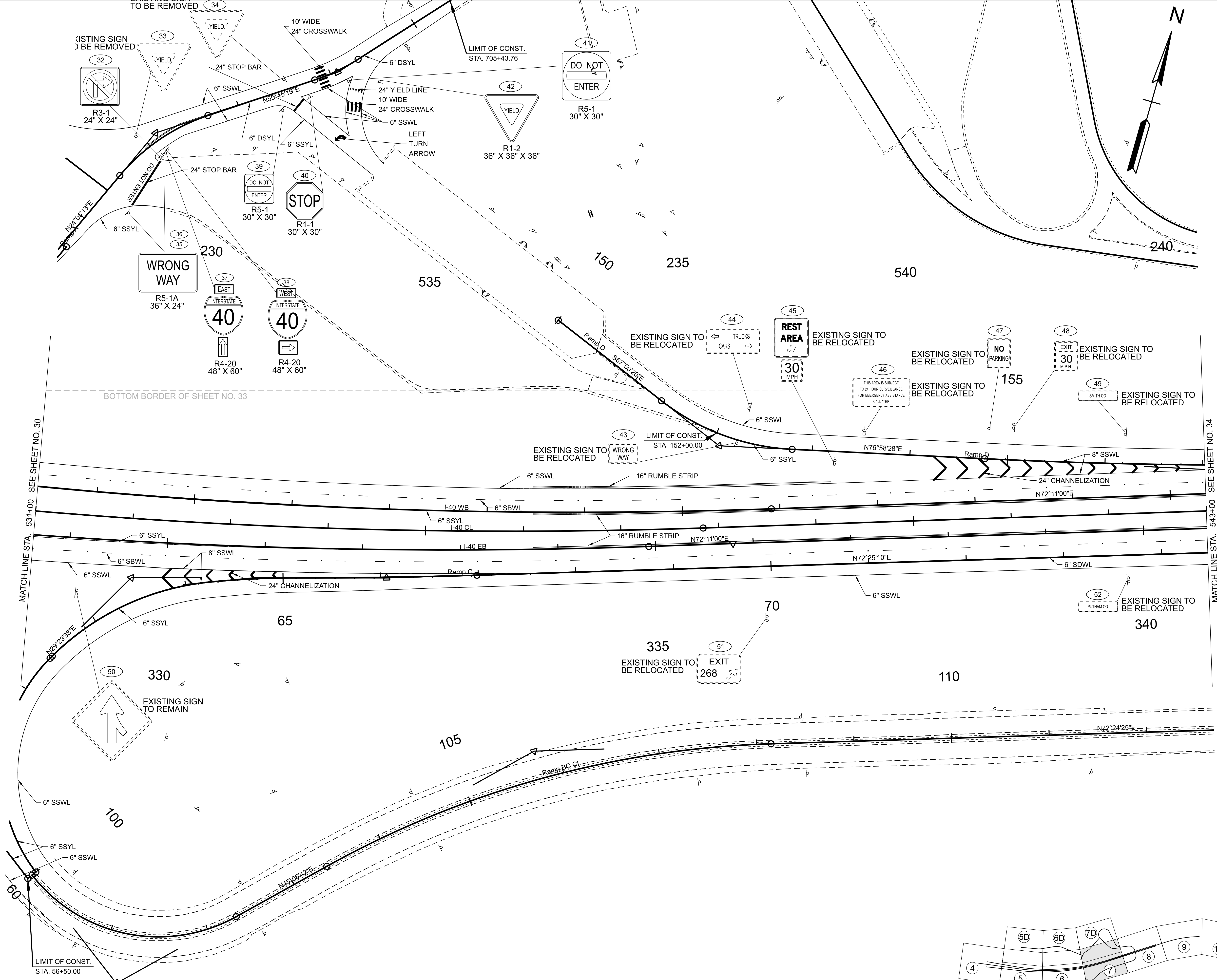
INFO ONLY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA. 2+00.00 TO STA. 28+50.32
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	32



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INFO ONLY

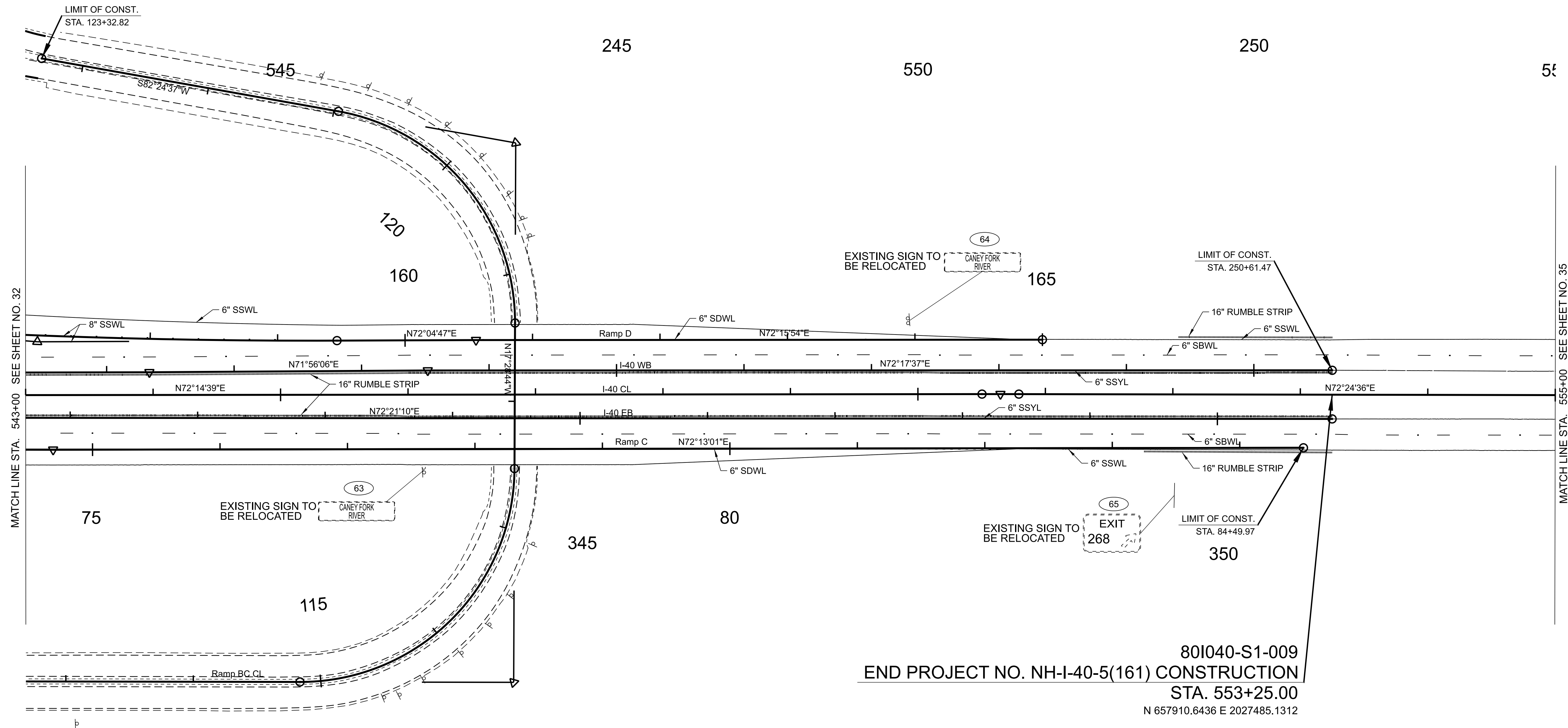
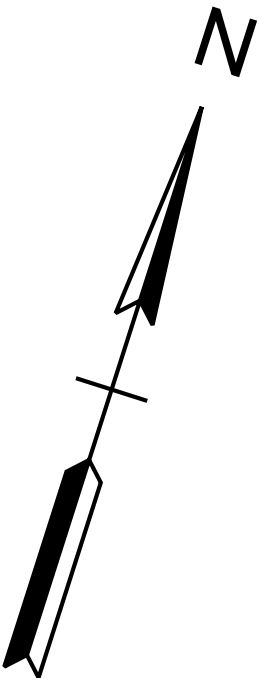
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

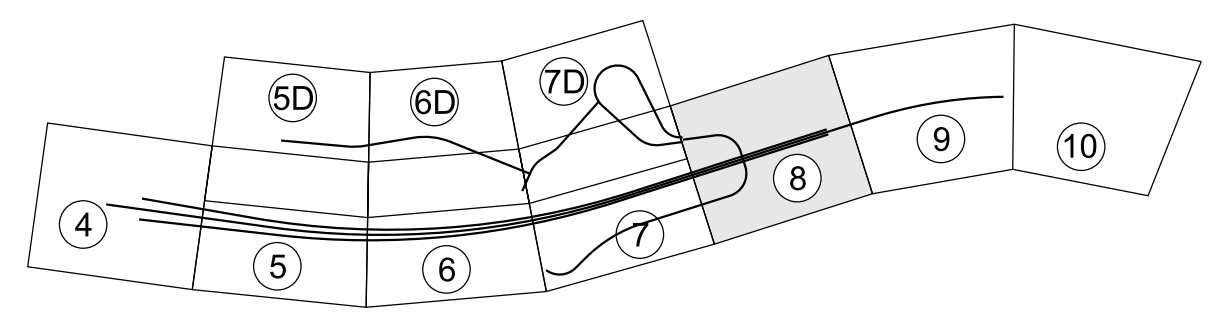
SIGNING AND PAVEMENT MARKING PLAN
STA. 531+00.00 TO STA. 543+00.00
SCALE: 1" = 50'

8/26/2025 5:54:44 PM G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH-T801040-SHT-SIGNING AND PAVEMENT MARKING.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	34



80I040-S1-009
END PROJECT NO. NH-I-40-5(161) CONSTRUCTION
STA. 553+25.00
N 657910.6436 E 2027485.1312



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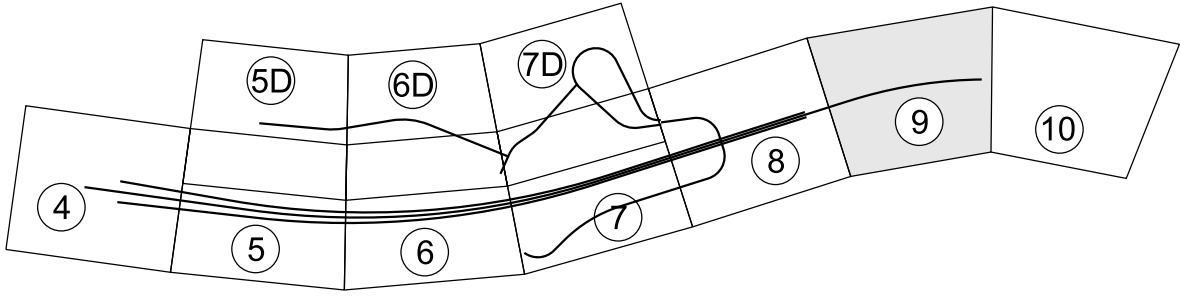
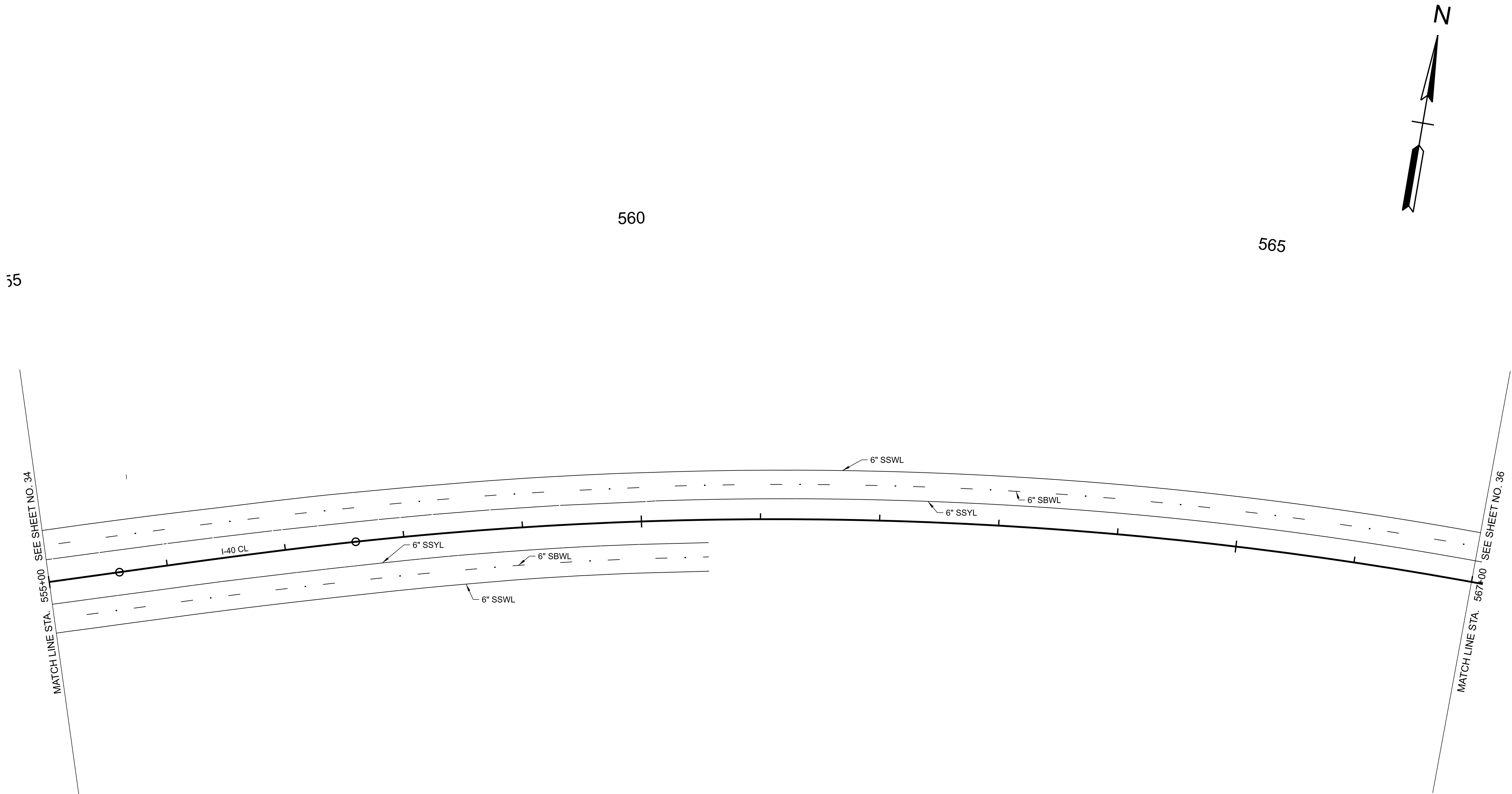
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN
STA. 543+00.00 TO STA. 555+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	35



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INFO ONLY

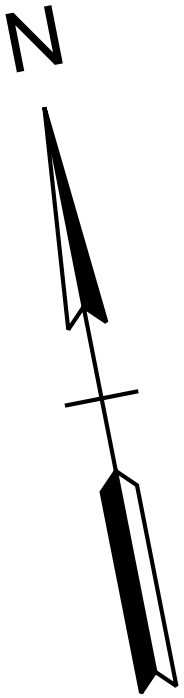
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND
PAVEMENT
MARKING
PLAN

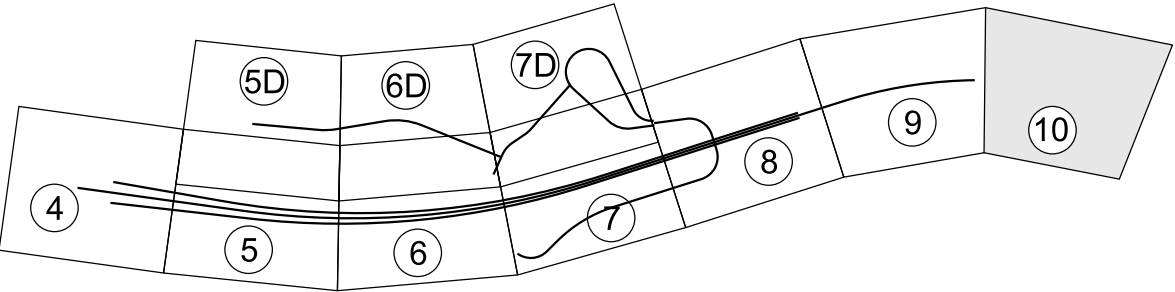
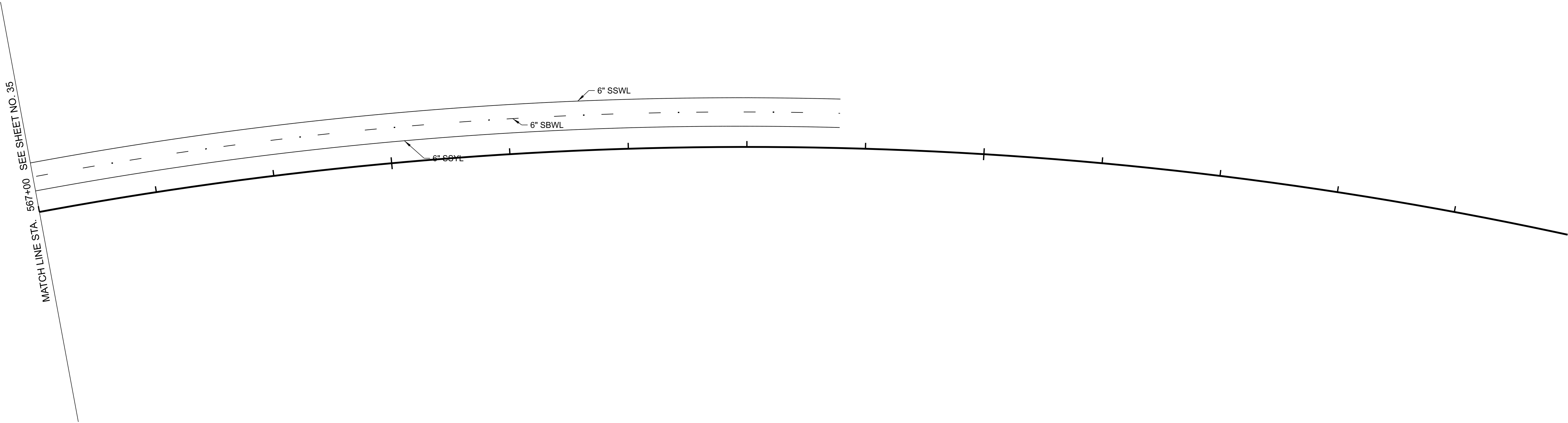
STA. 555+00.00 TO STA. 567+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	36



570

575



SEALED BY

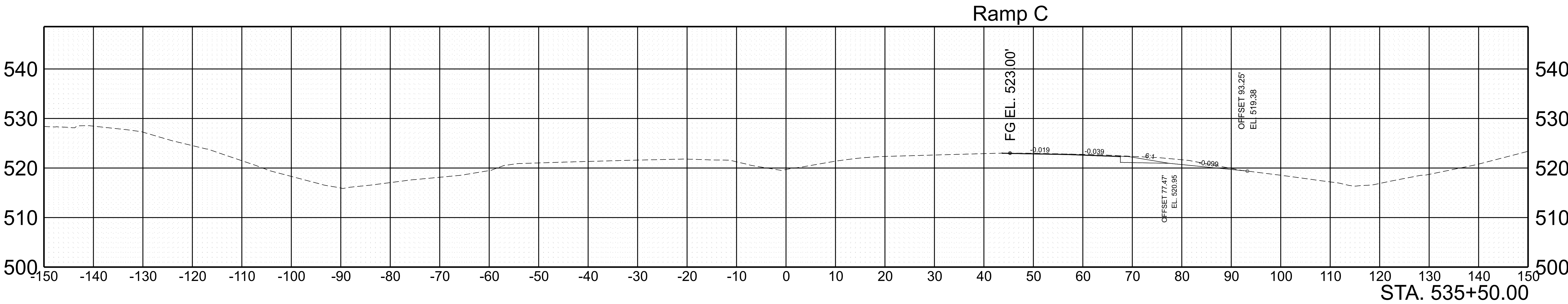
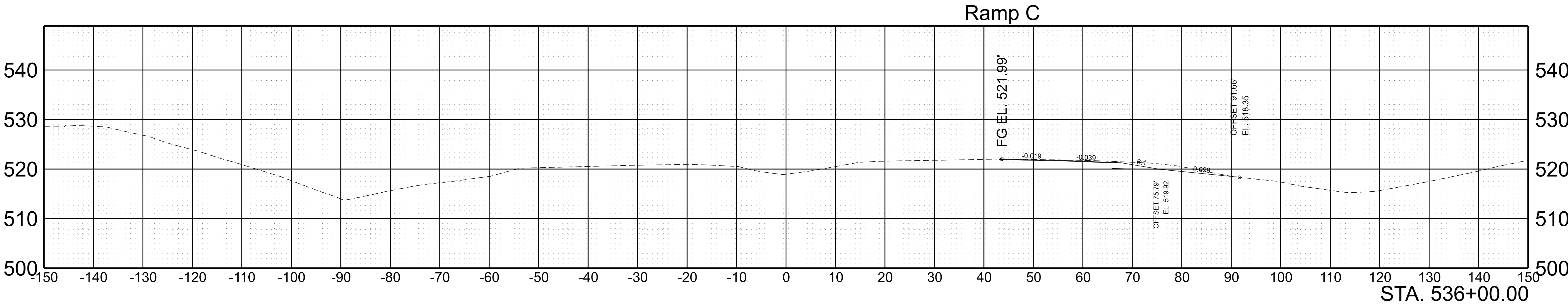
INFO ONLY

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

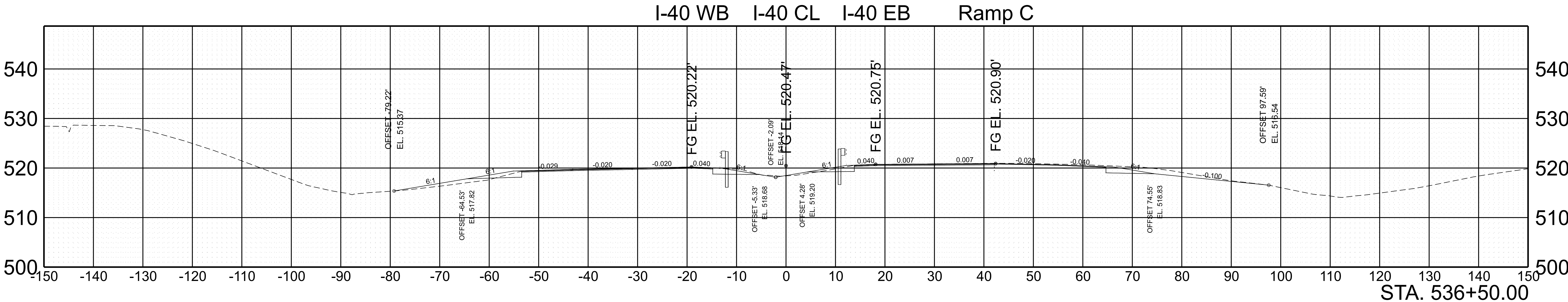
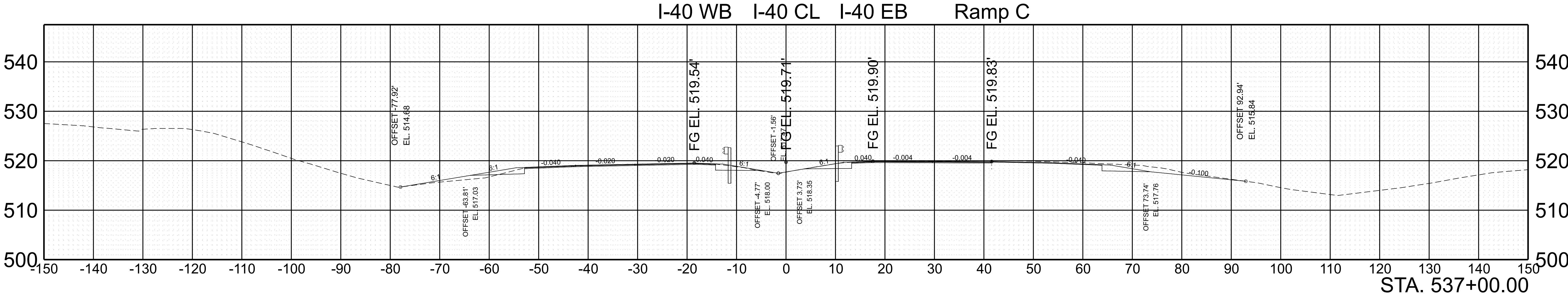
SIGNING AND PAVEMENT MARKING PLAN
STA. 567+00.00 TO STA. 579+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	100



SCALE: 1"=10' HORIZ. 1"=10' VERT.	BEGIN STA. 535+50.00 END STA. 536+00.00
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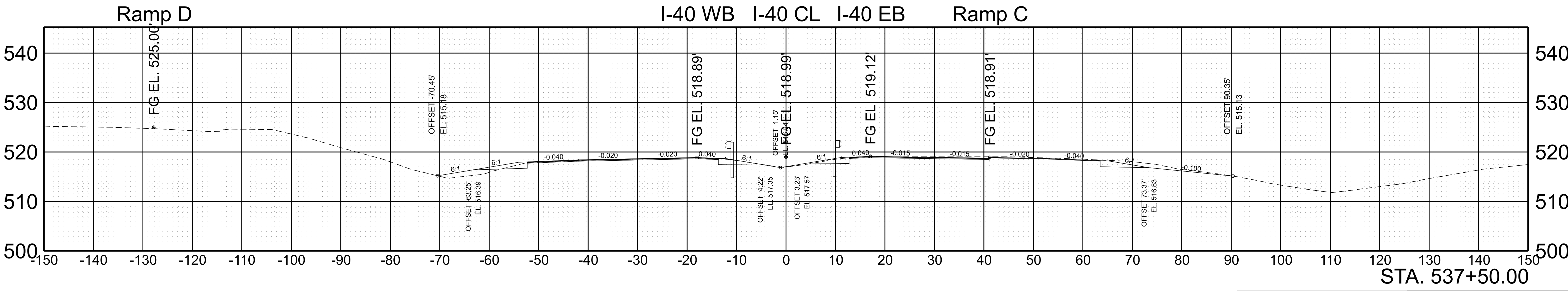
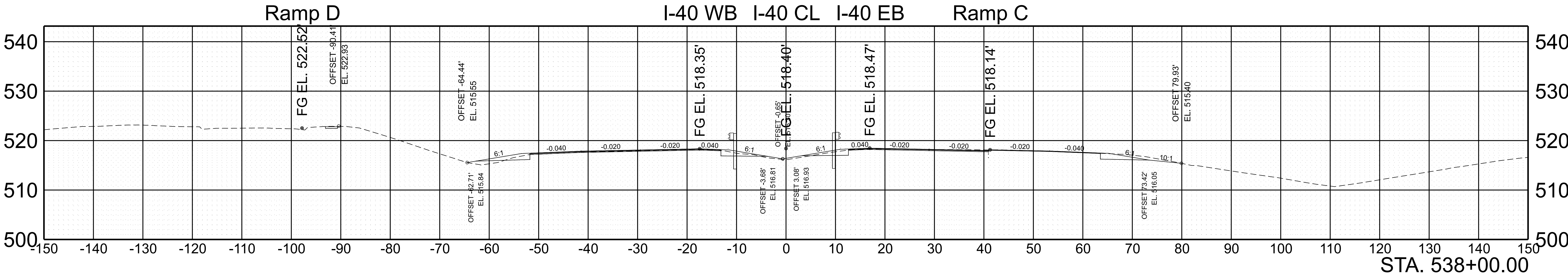
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FUNC.	2025	801040-S1-009	101



SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 536+50.00
END STA. 537+00.00

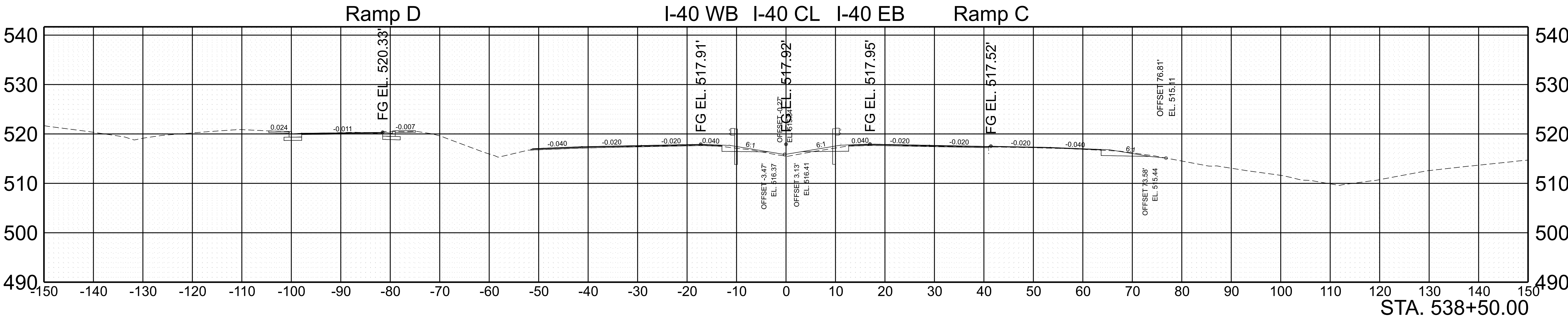
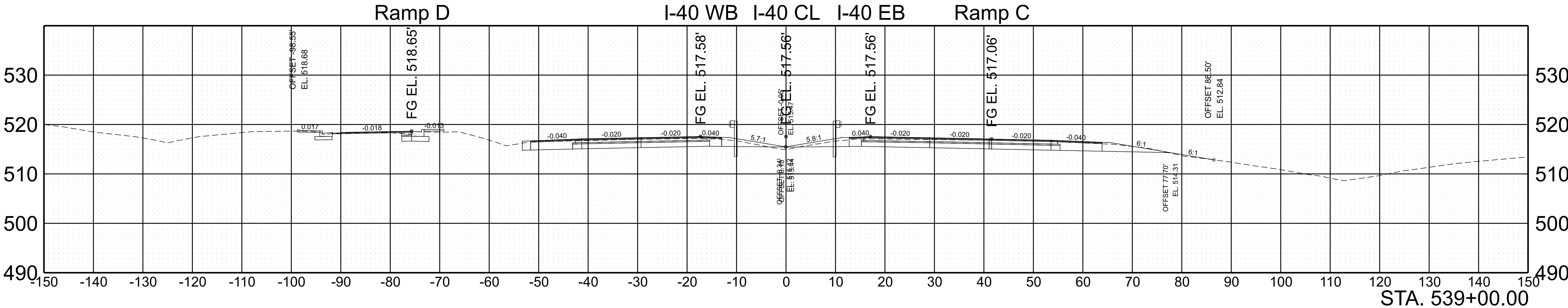
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	102



SCALE: 1"=10' HORIZ.
1"=10' VERT.

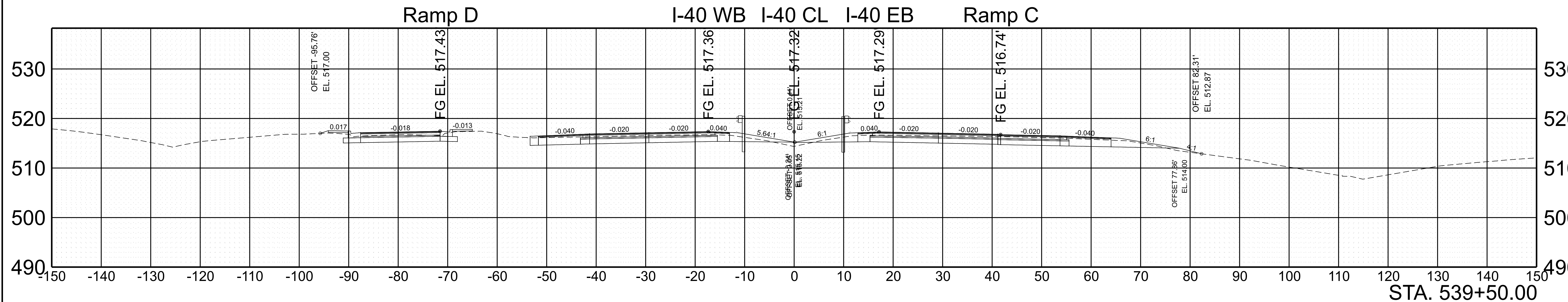
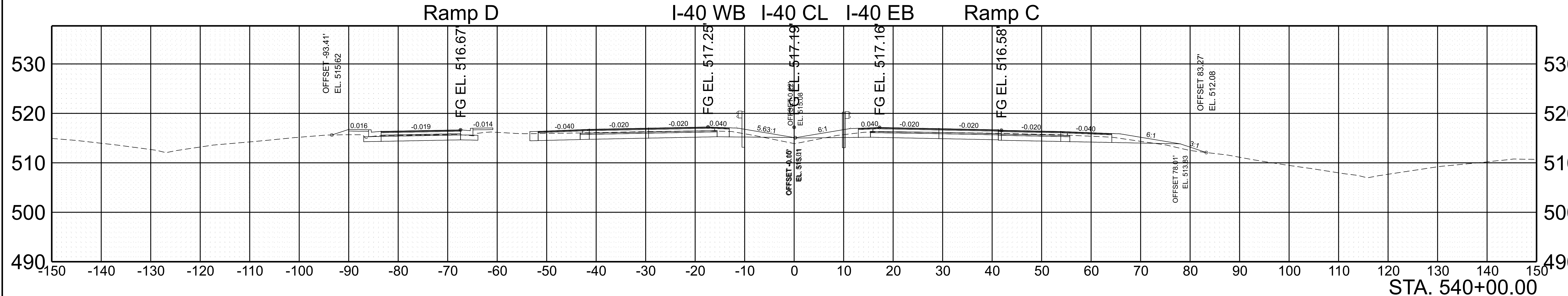
BEGIN STA. 537+50.00
END STA. 538+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	103



SCALE:	1"=10' HORIZ.	BEGIN STA. 538+50.00
	1"=10' VERT.	END STA. 539+00.00

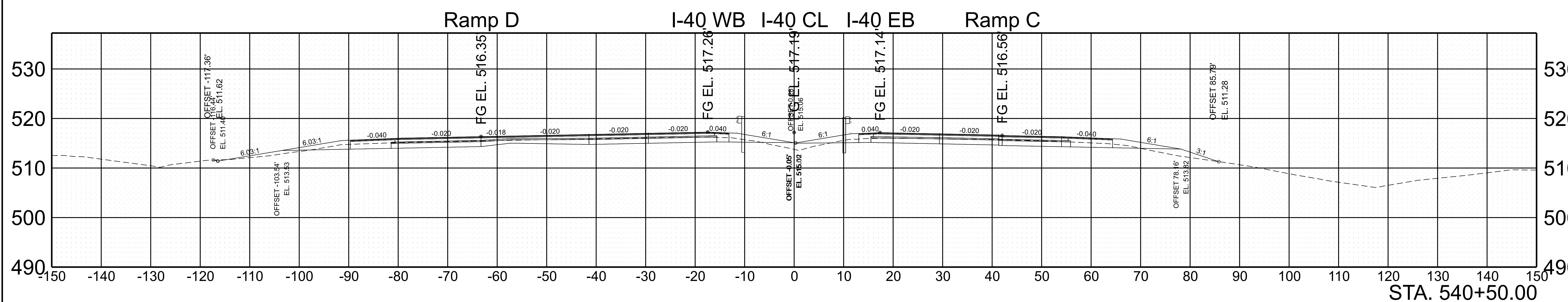
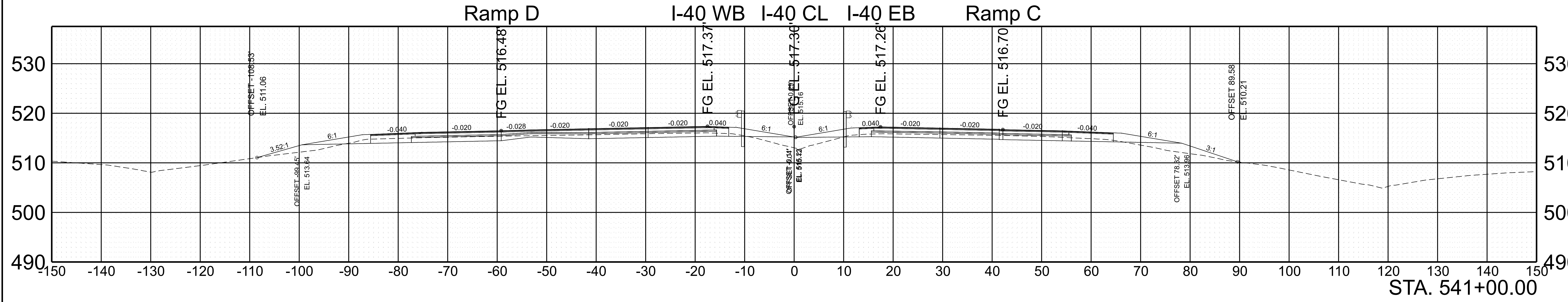
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	104



SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 539+50.00
END STA. 540+00.00

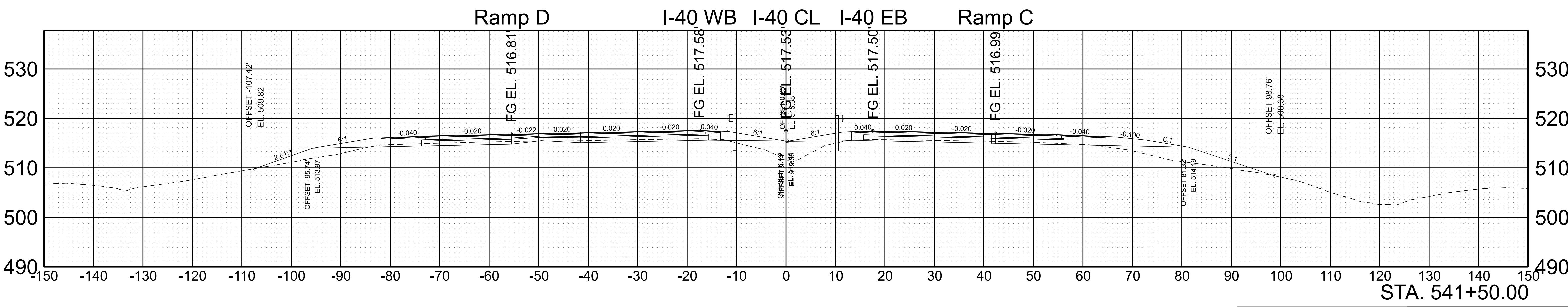
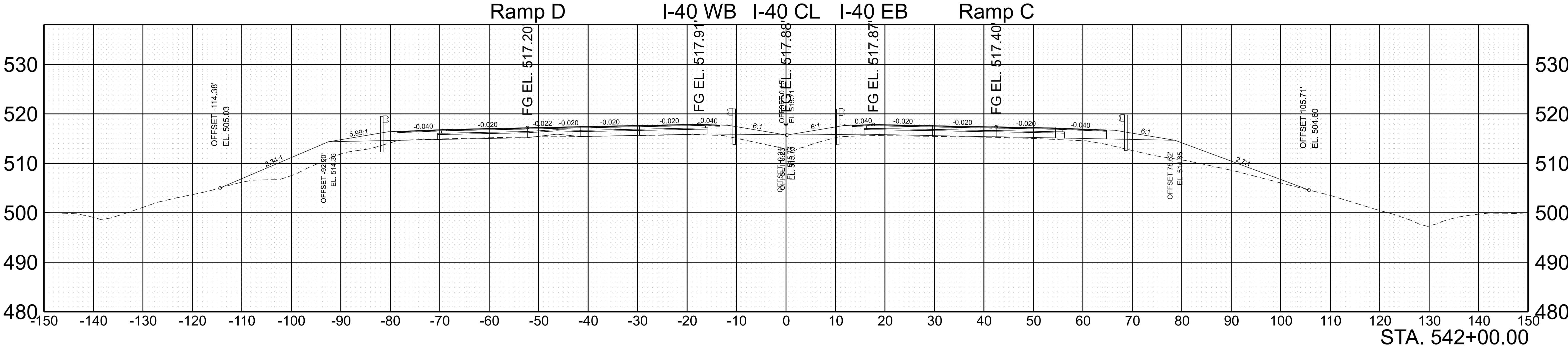
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	105



SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 540+50.00
END STA. 541+00.00

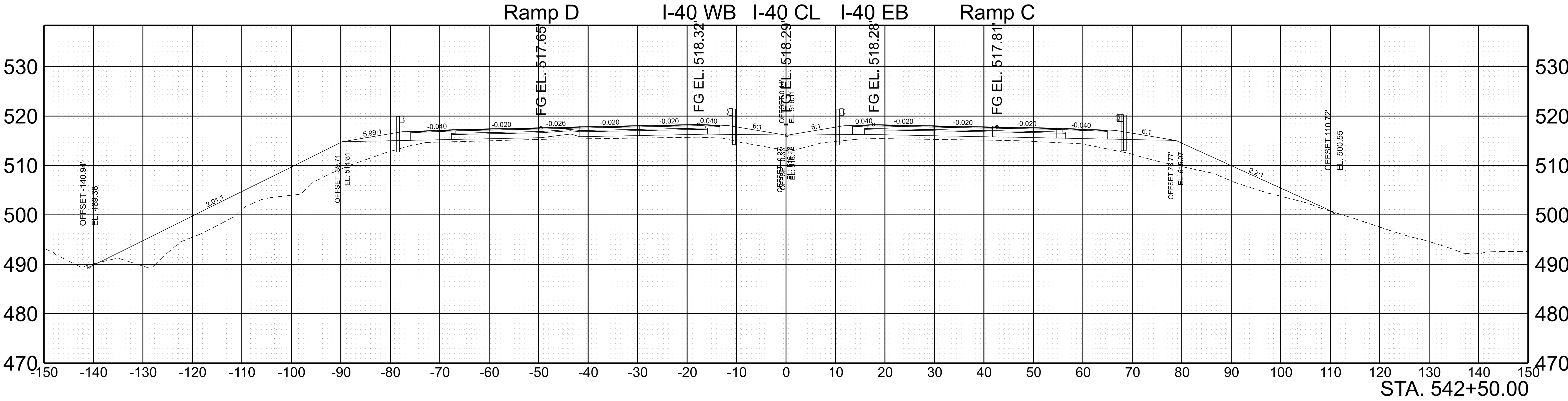
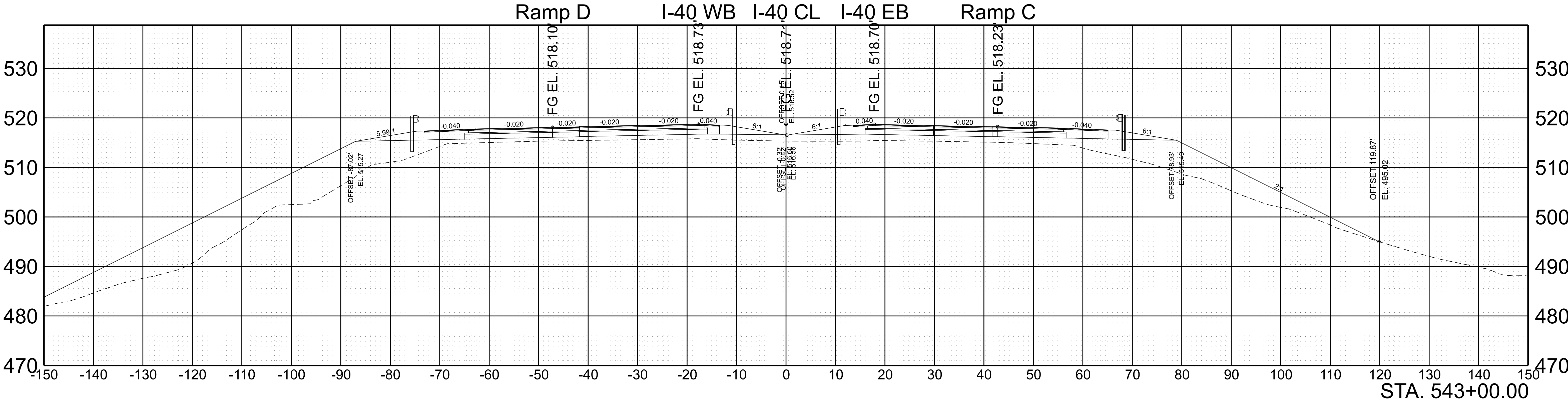
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	106



SCALE:	1"=10' HORIZ.	BEGIN STA. 541+50.00
	1"=10' VERT.	END STA. 542+00.00

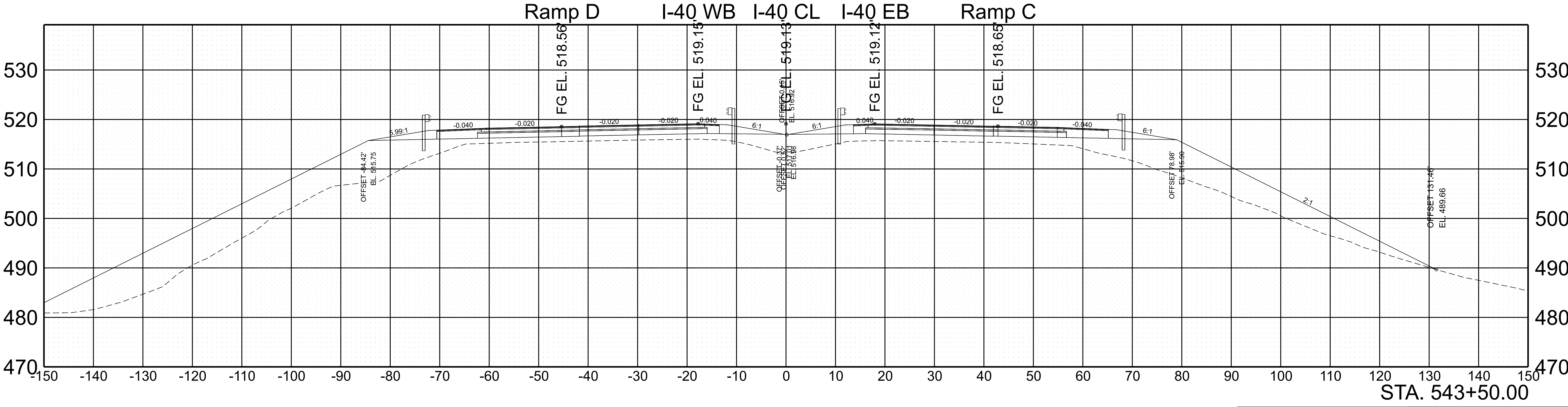
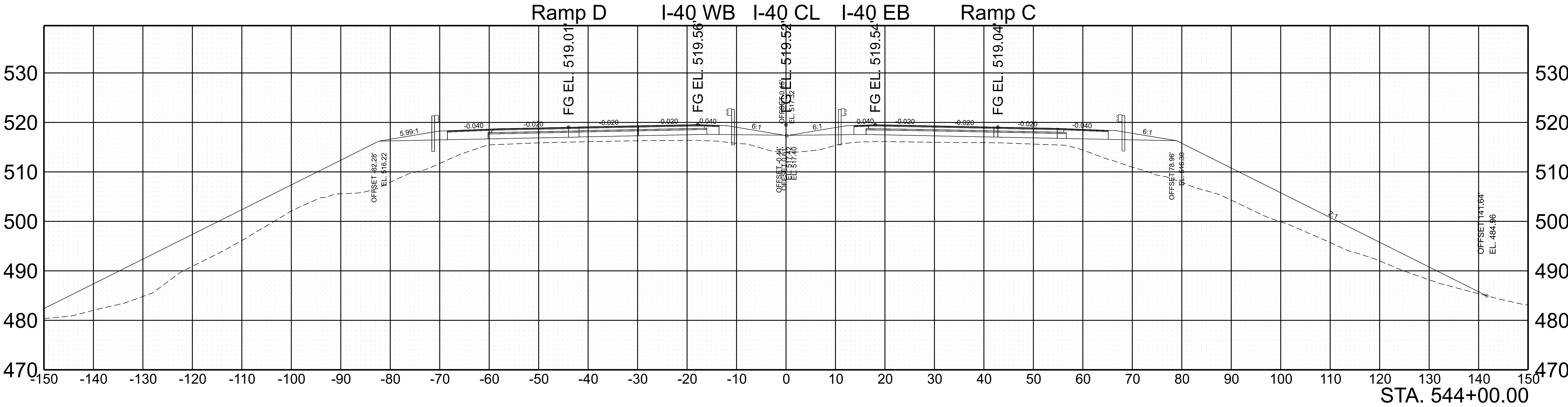
7/29/2025 5:11:45 PM G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-XS-I-40.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	107



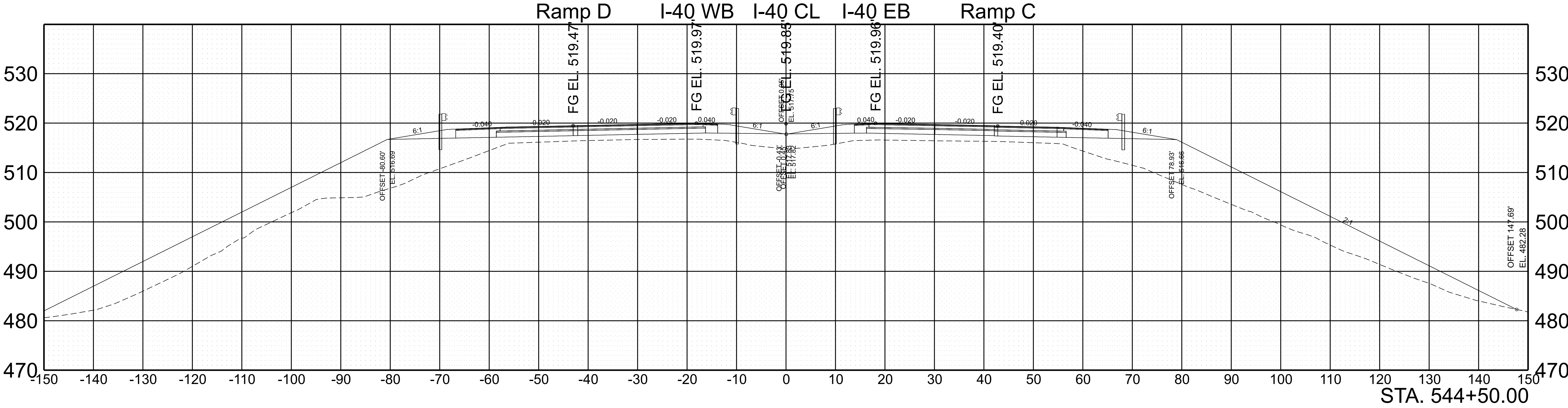
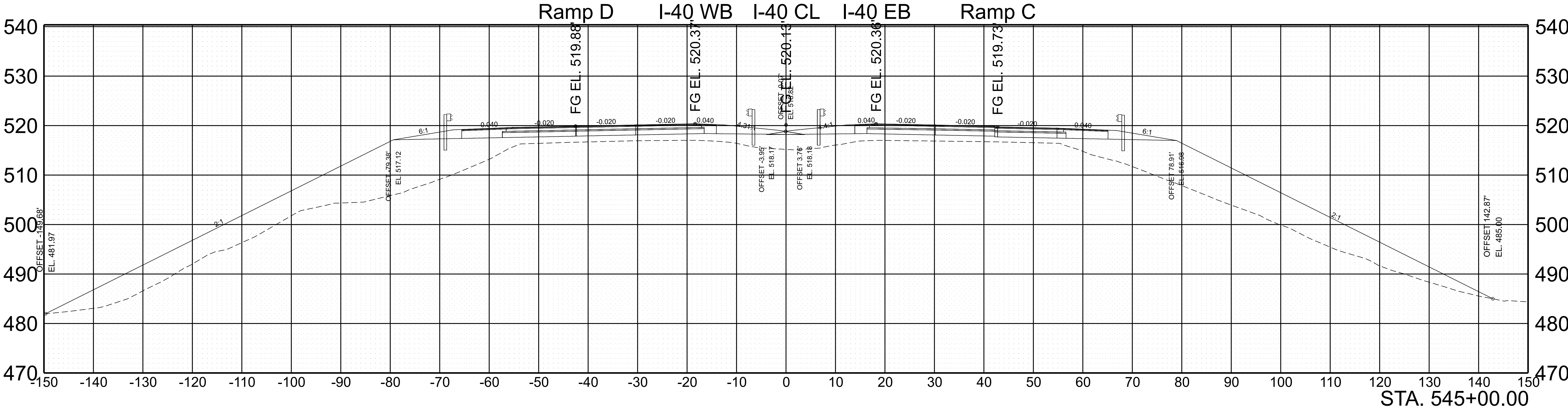
SCALE:	1"=10' HORIZ.	BEGIN STA. 542+50.00
	1"=10' VERT.	END STA. 543+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	108



SCALE:	1"=10' HORIZ.	BEGIN STA. 543+50.00
	1"=10' VERT.	END STA. 544+00.00

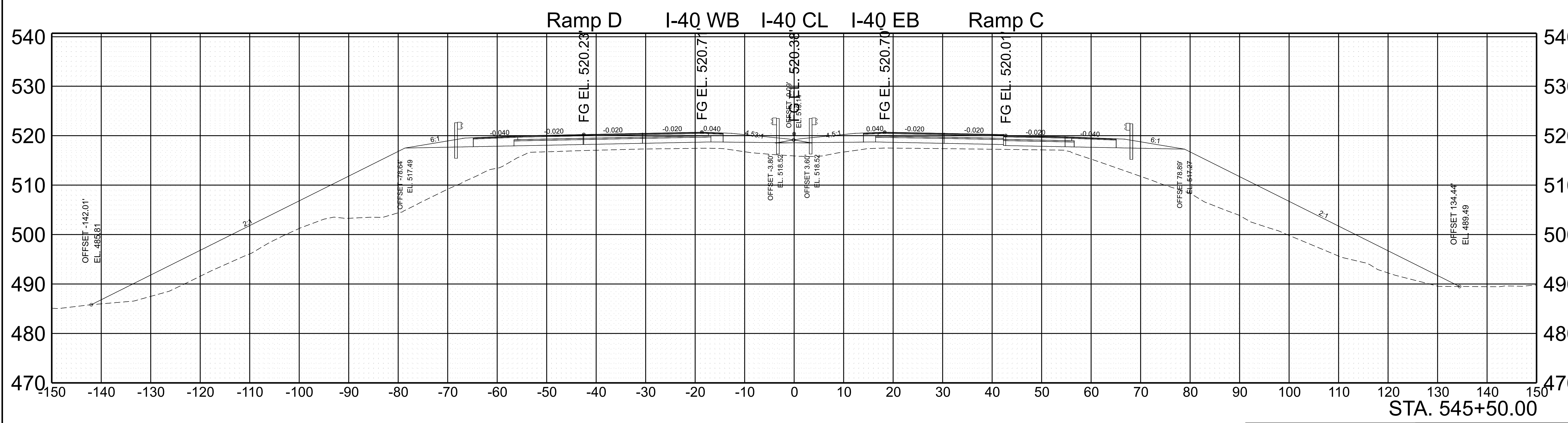
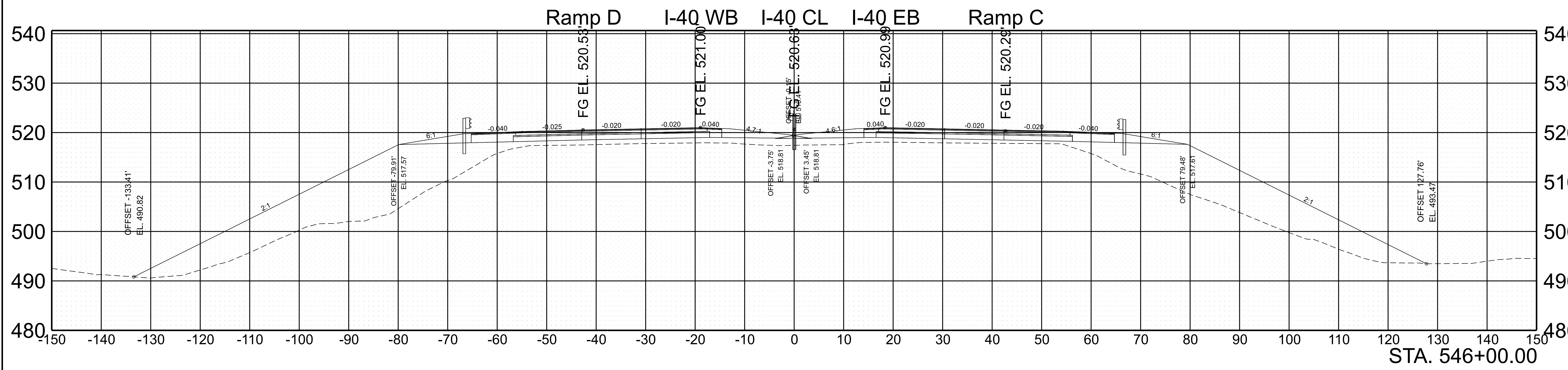
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	109



SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 544+50.00
END STA. 545+00.00

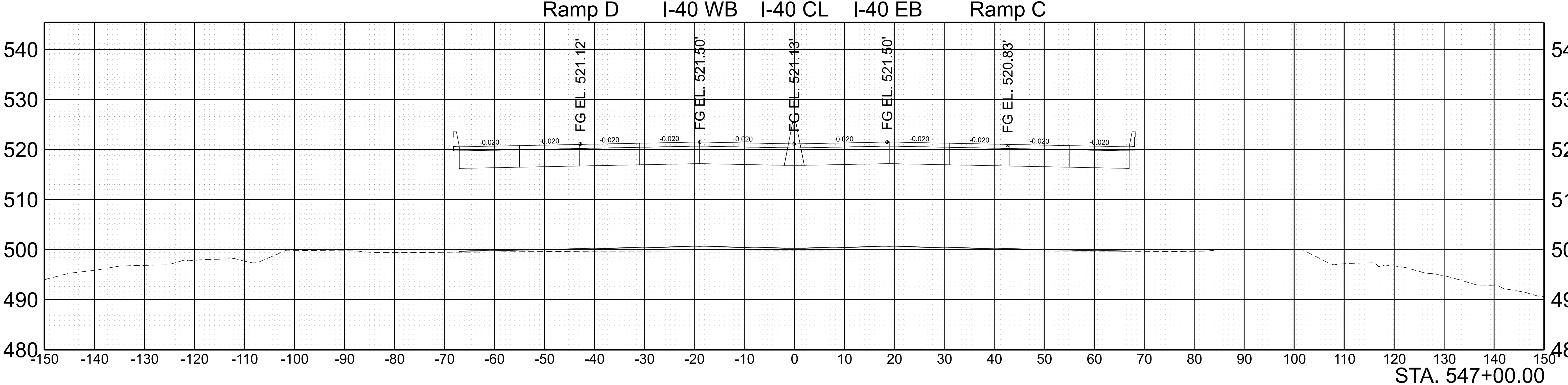
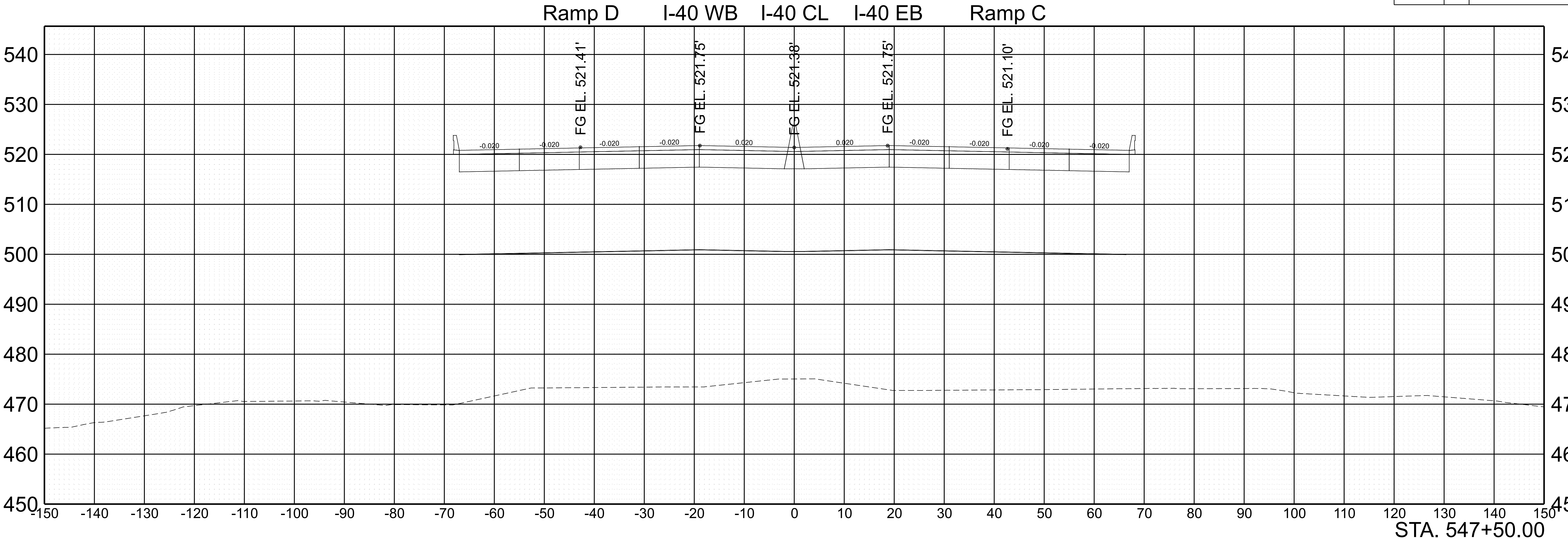
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	110



SCALE: 1"=10' HORIZ.
1"=10' VERT.

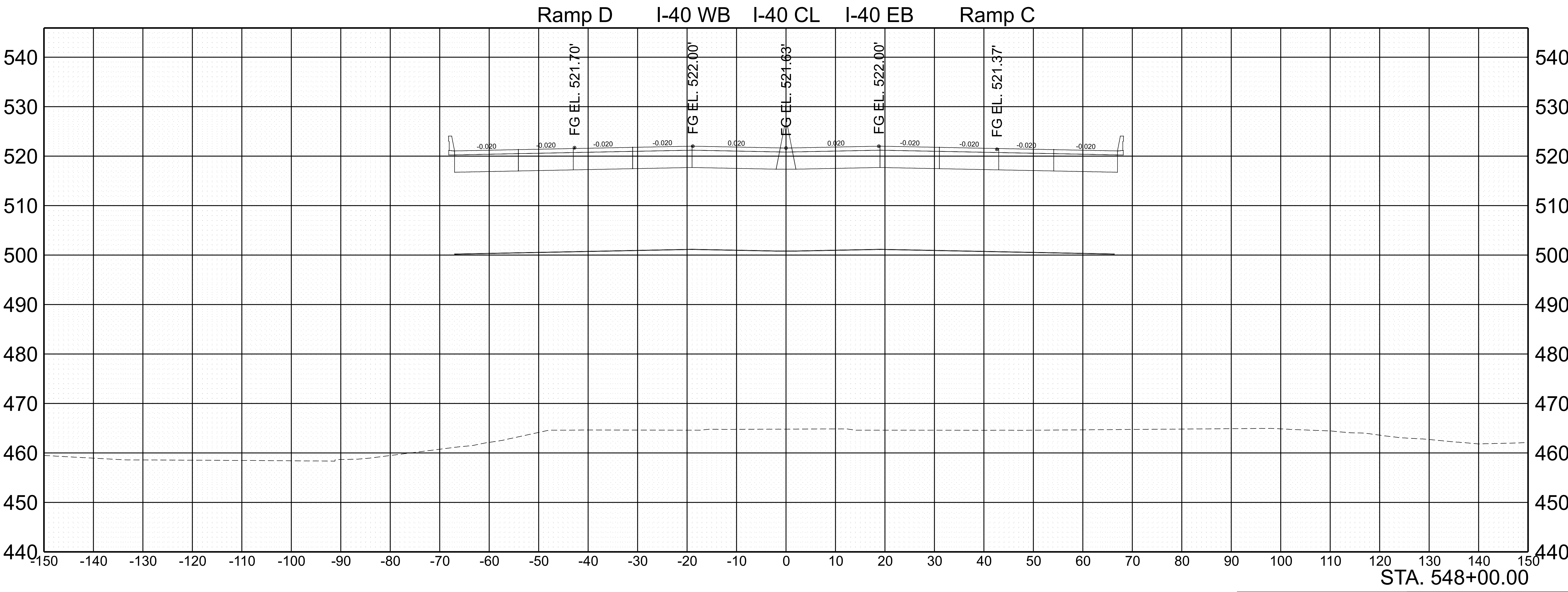
BEGIN STA. 545+50.00
END STA. 546+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	112



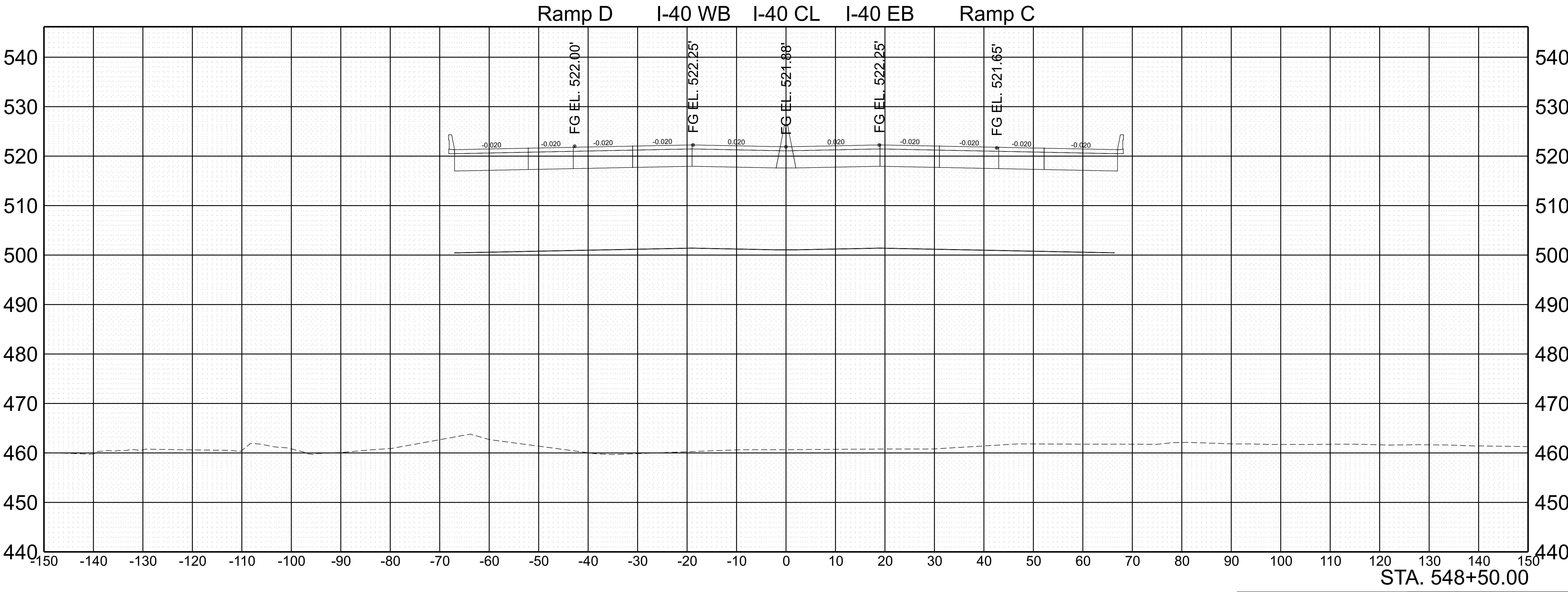
SCALE: 1"=10' HORIZ.	BEGIN STA. 547+00.00
1"=10' VERT.	END STA. 547+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	113



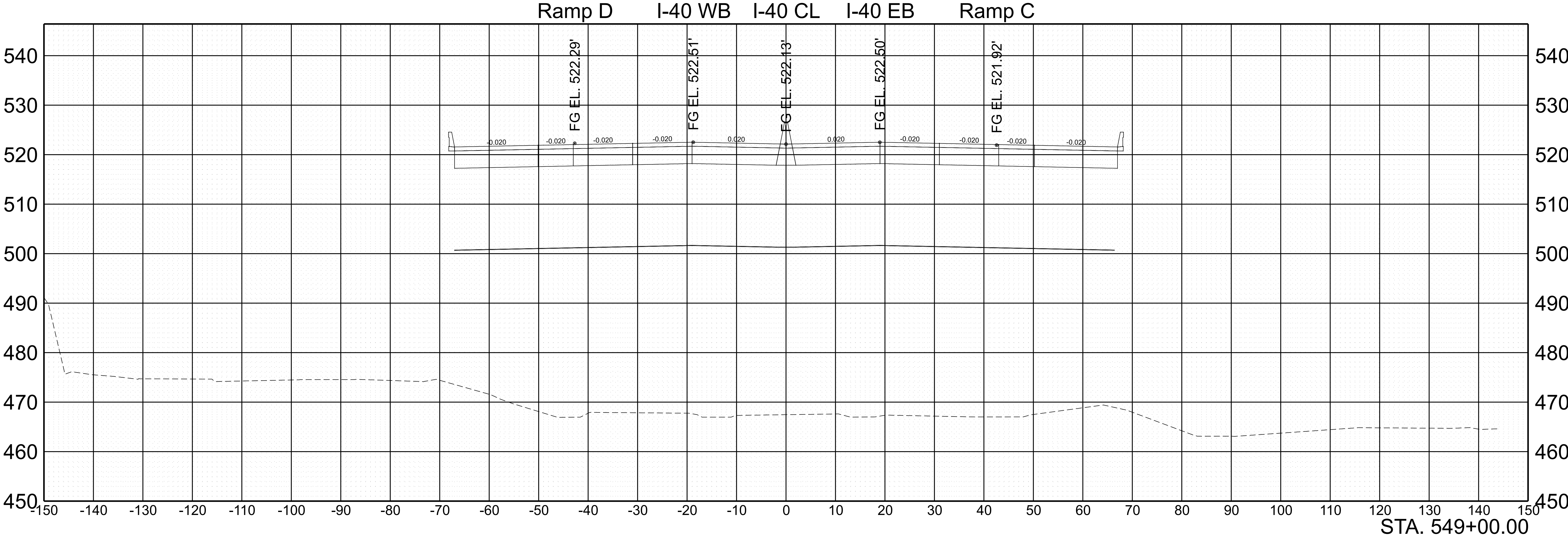
SCALE: 1"=10' HORIZ.	BEGIN STA. 548+00.00
1"=10' VERT.	END STA. 548+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	114



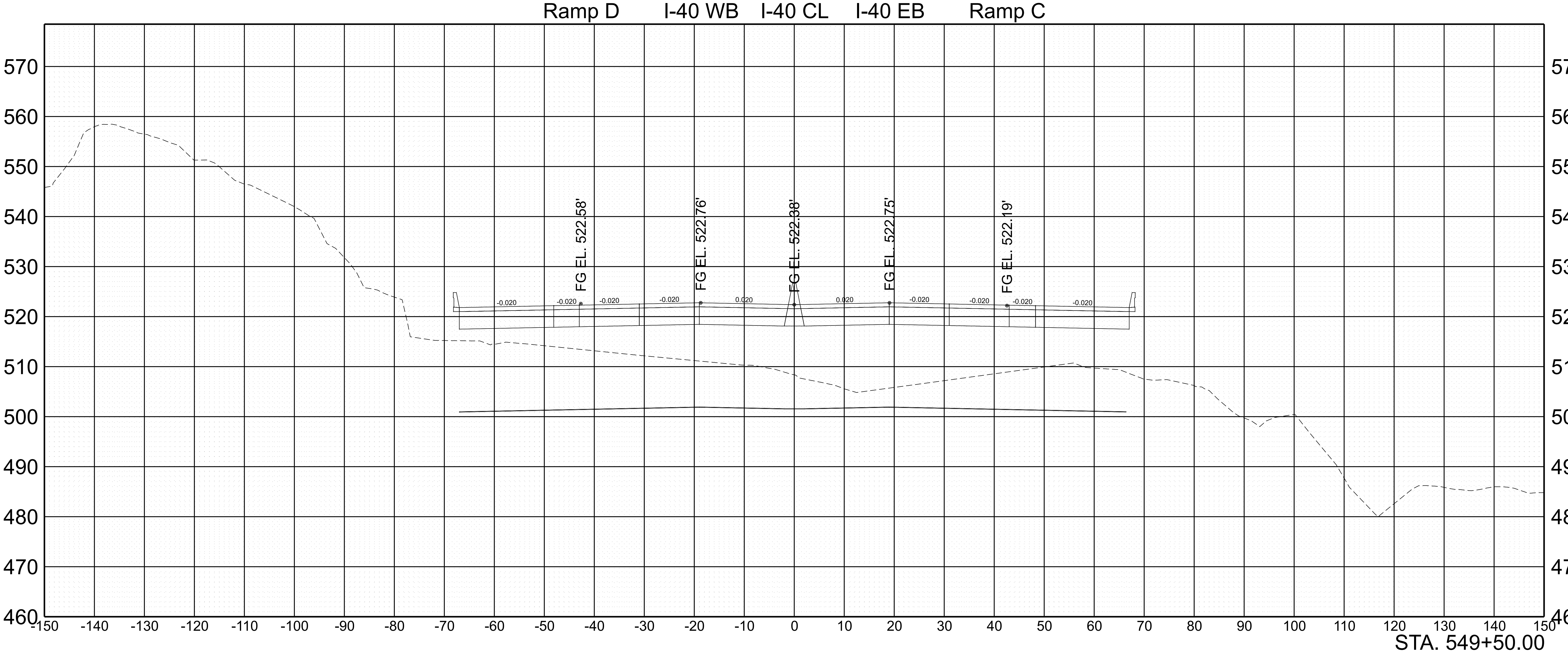
SCALE:	1"=10' HORIZ.	BEGIN STA. 548+50.00
	1"=10' VERT.	END STA. 548+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	115



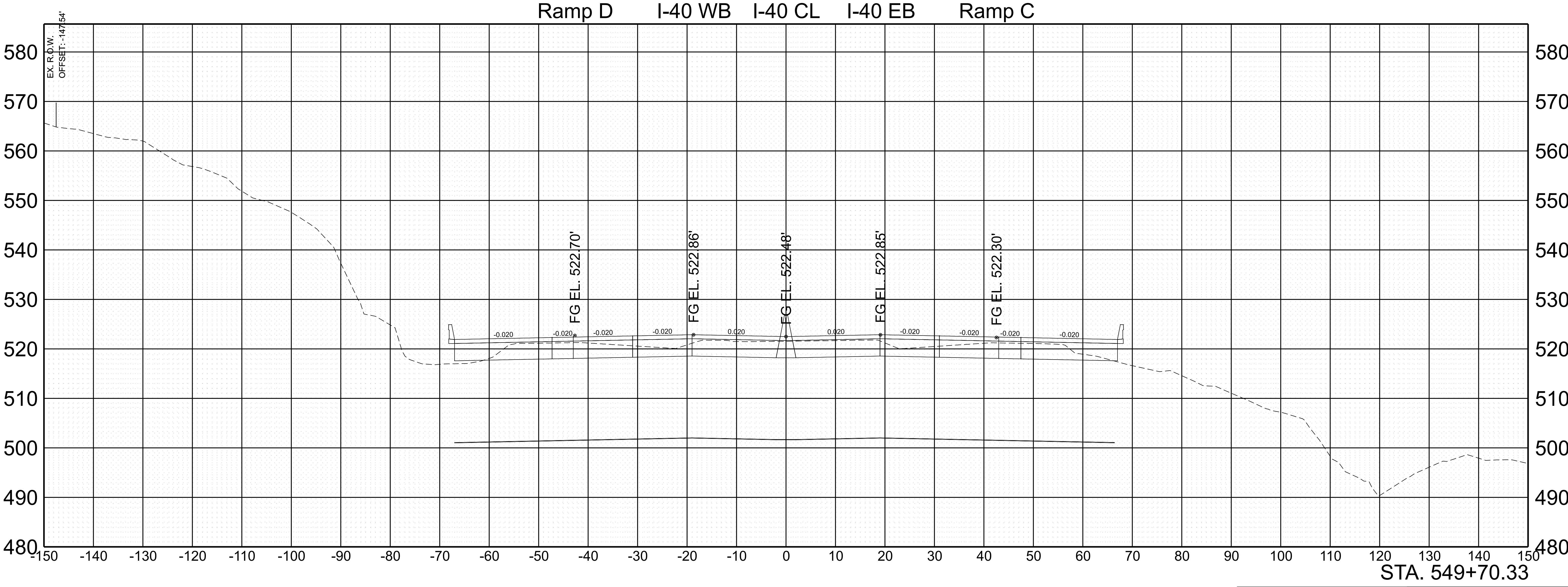
SCALE:	1"=10' HORIZ.	BEGIN STA. 549+00.00
	1"=10' VERT.	END STA. 549+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	116



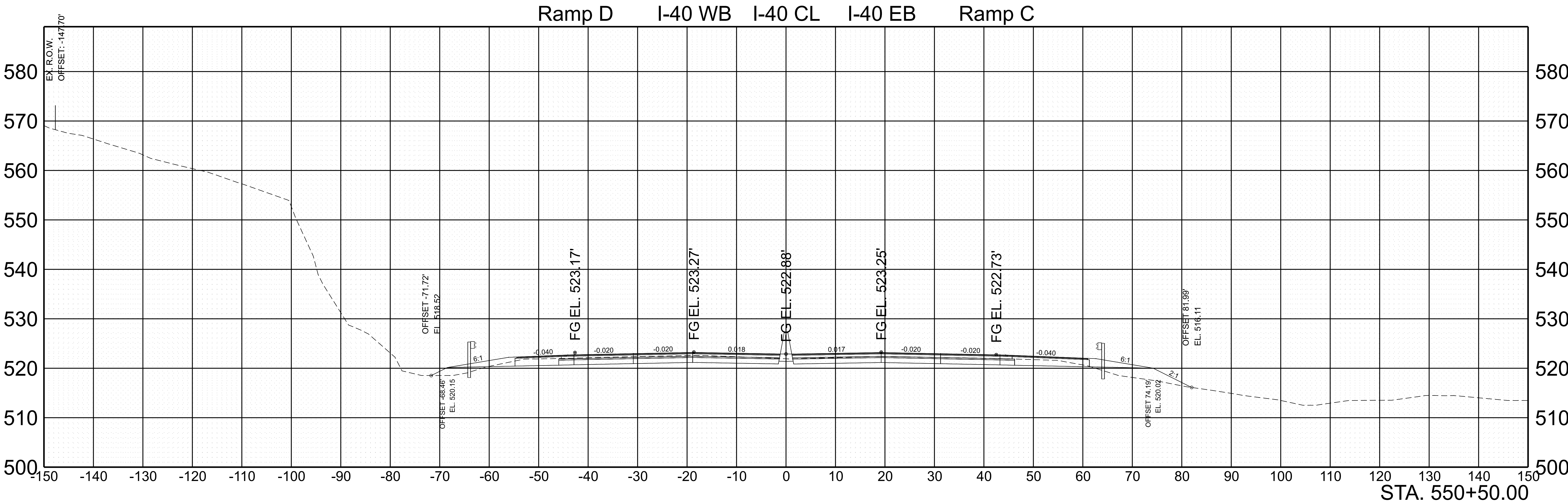
SCALE:	1"=10' HORIZ.	BEGIN STA. 549+50.00
	1"=10' VERT.	END STA. 549+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	117



SCALE:	1"=10' HORIZ.	BEGIN STA. 549+70.33
	1"=10' VERT.	END STA. 549+70.33

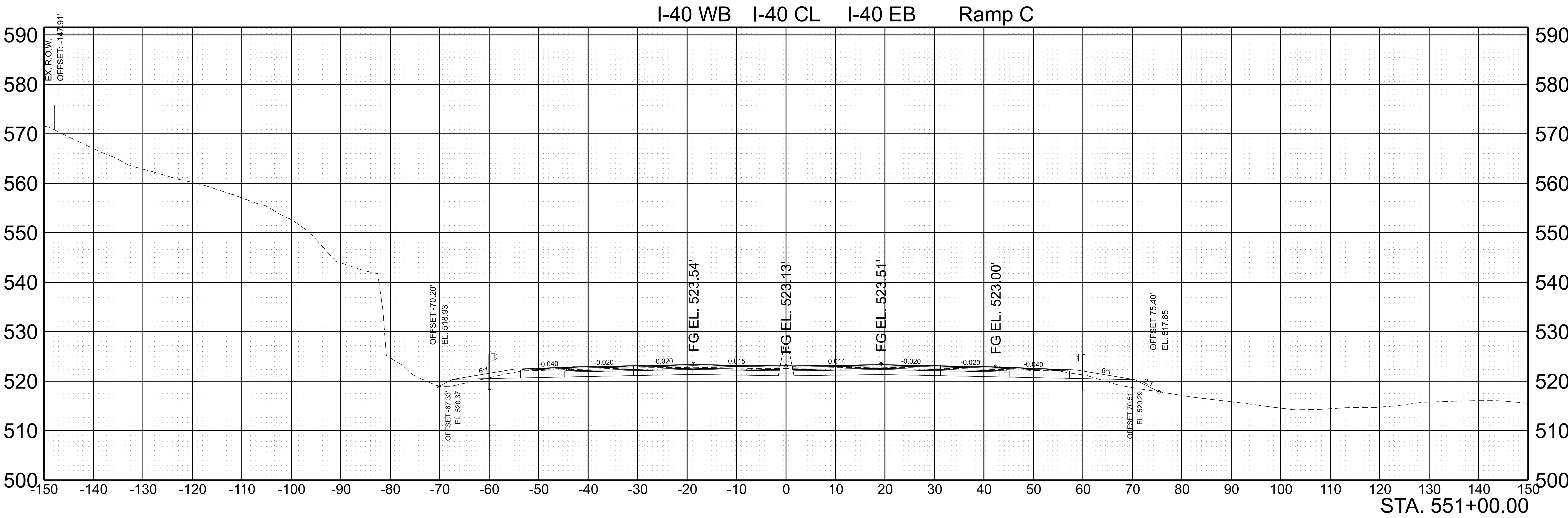
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	119



SCALE: 1"=10' HORIZ.
1"=10' VERT.

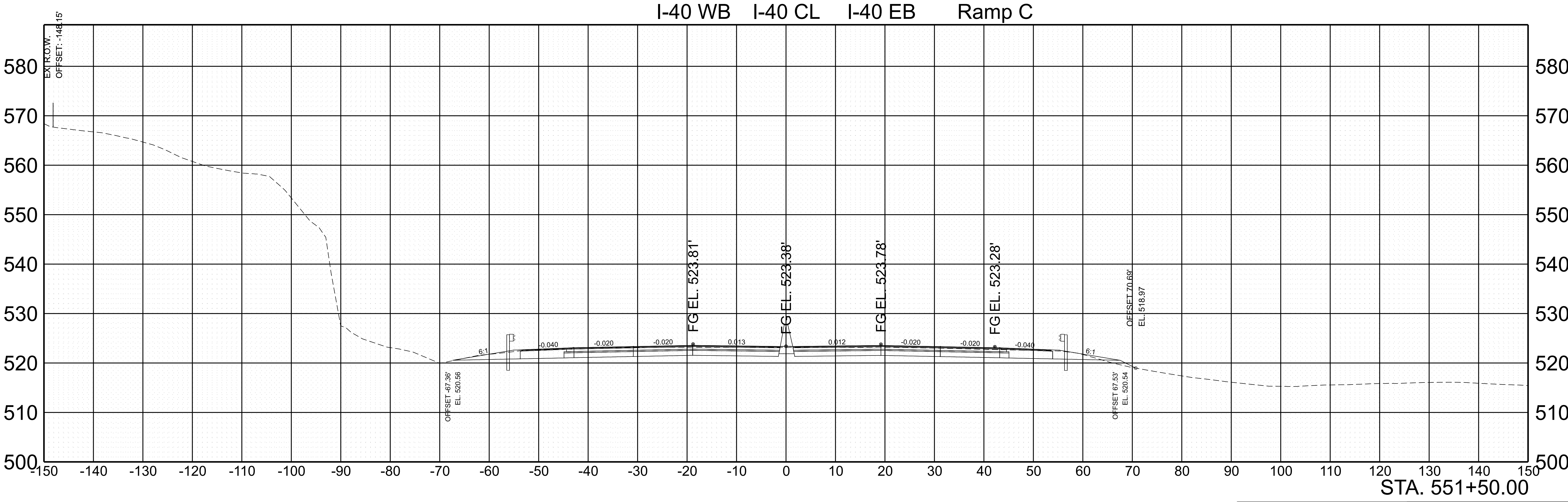
BEGIN STA. 550+50.00
END STA. 550+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	120



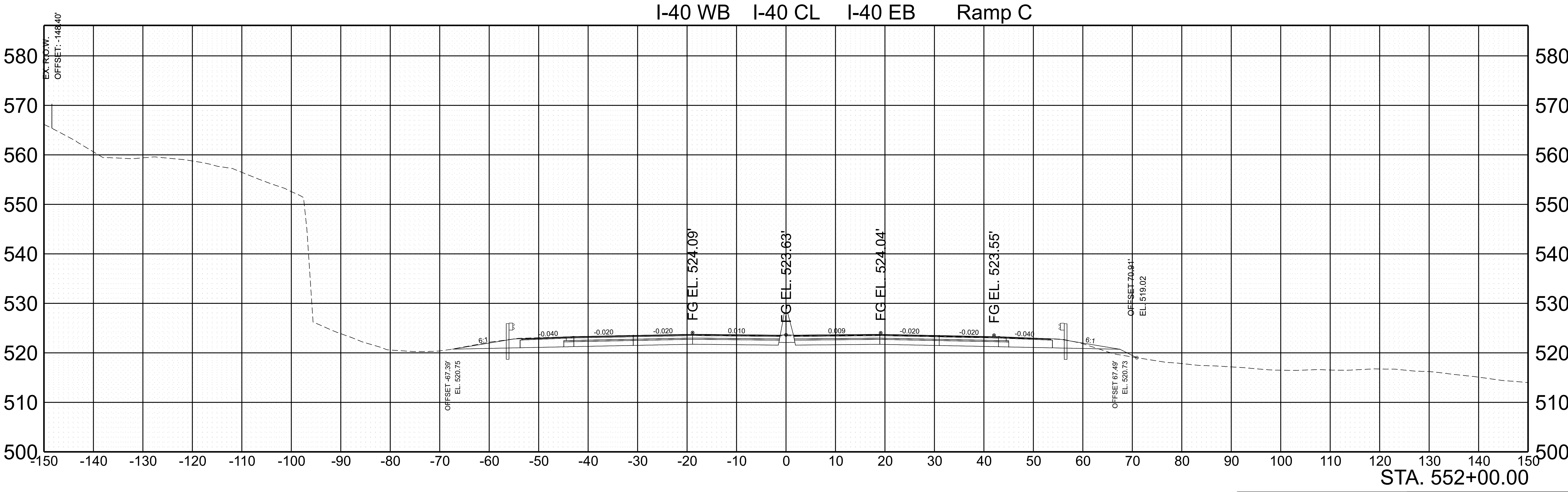
SCALE: 1"=10' HORIZ.	BEGIN STA. 551+00.00
1"=10' VERT.	END STA. 551+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	121



SCALE: 1"=10' HORIZ.	BEGIN STA. 551+50.00
1"=10' VERT.	END STA. 551+50.00

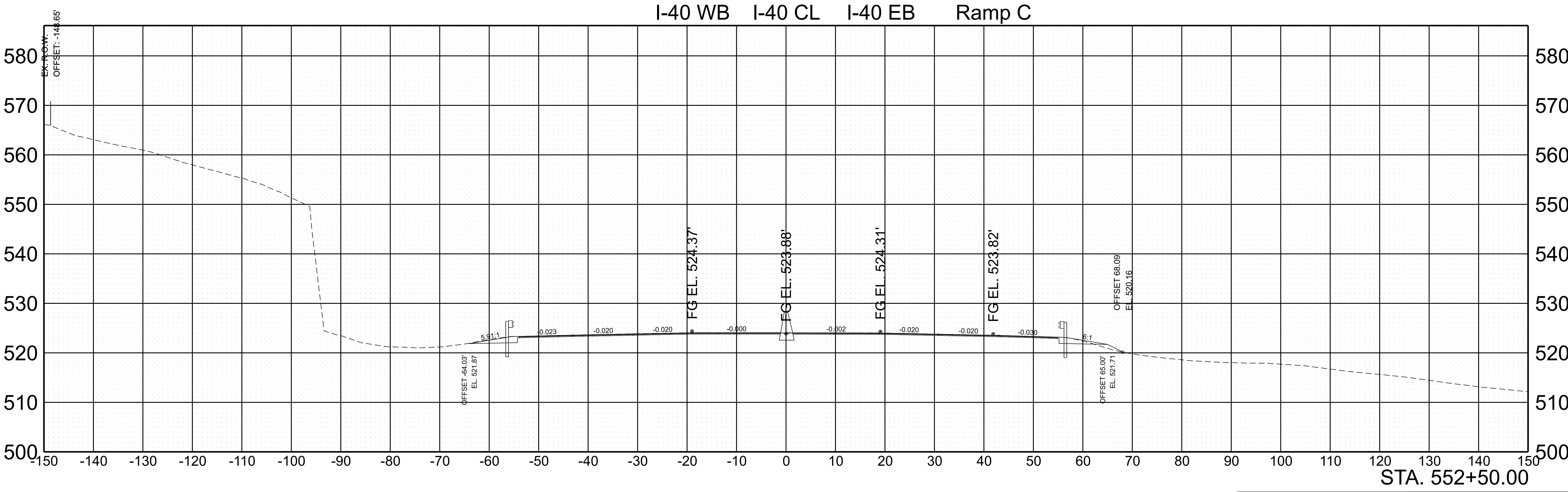
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	122



SCALE: 1"=10' HORIZ.	BEGIN STA. 552+00.00
1"=10' VERT.	END STA. 552+00.00

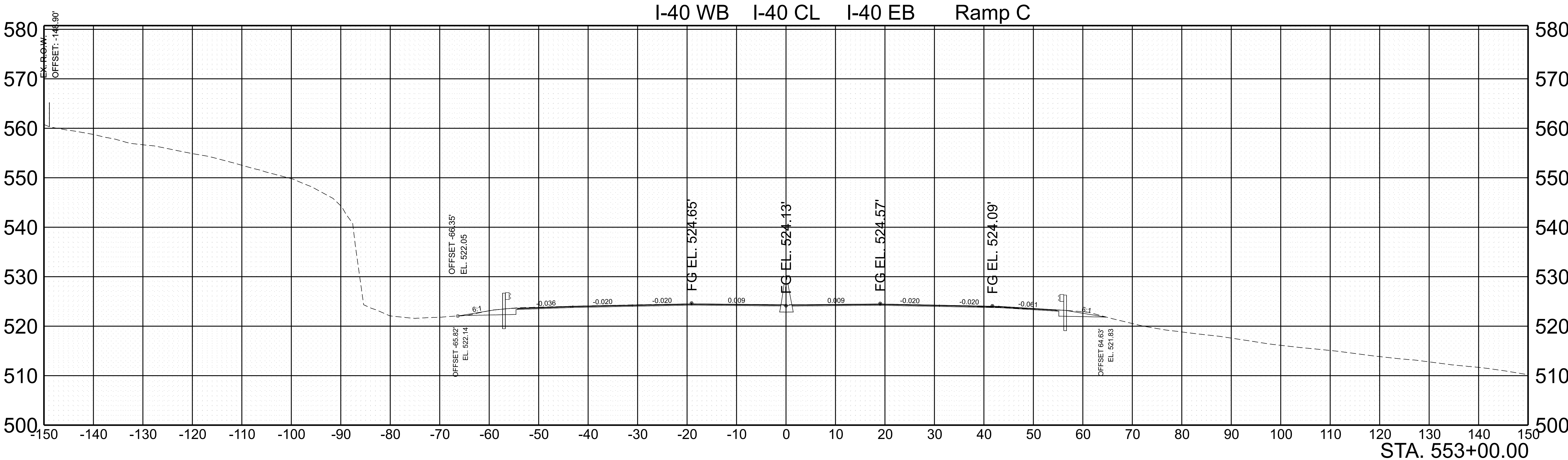
7/29/2025 5:12:22 PM G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH801040-SHT-XS-I-40.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	123



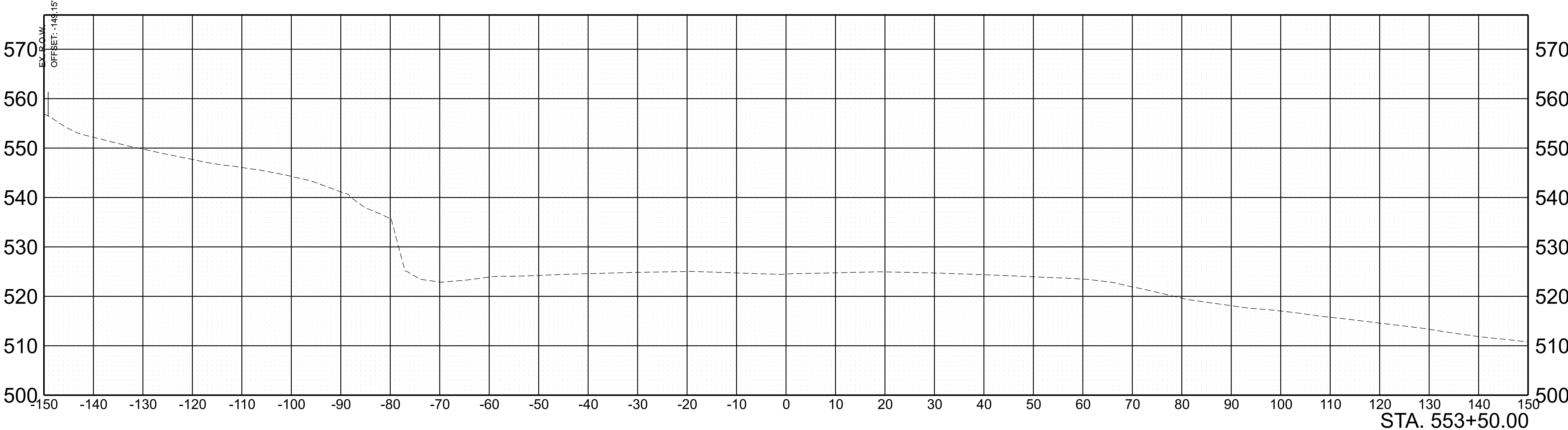
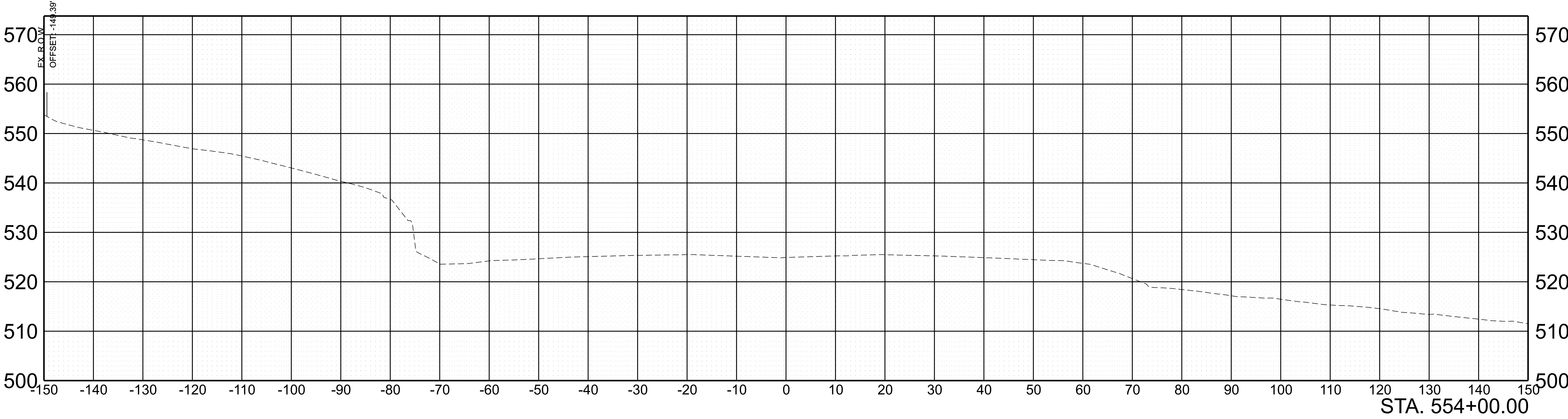
SCALE:	1"=10' HORIZ.	BEGIN STA. 552+50.00
	1"=10' VERT.	END STA. 552+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	124



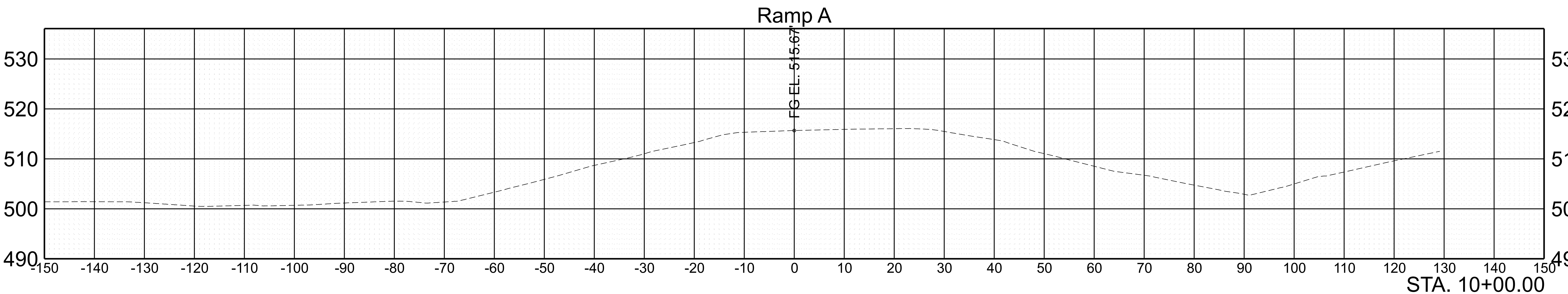
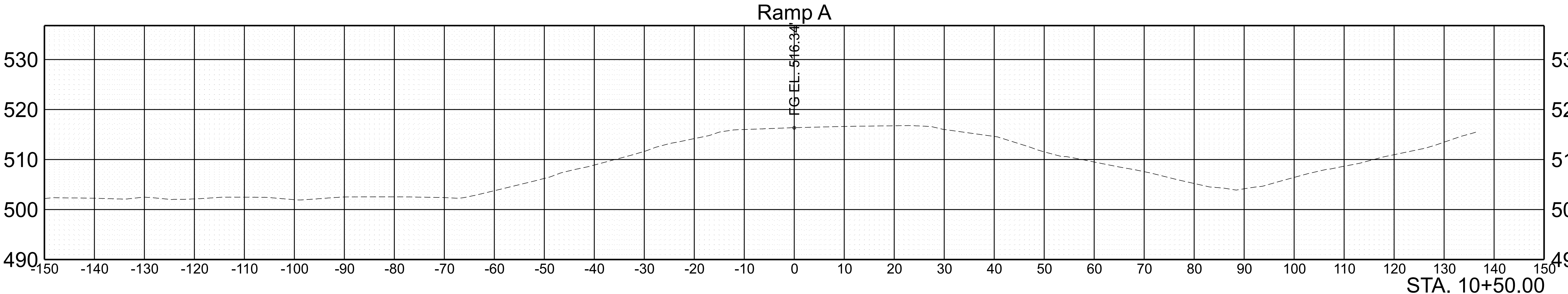
SCALE: 1"=10' HORIZ.	BEGIN STA. 553+00.00
1"=10' VERT.	END STA. 553+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	125



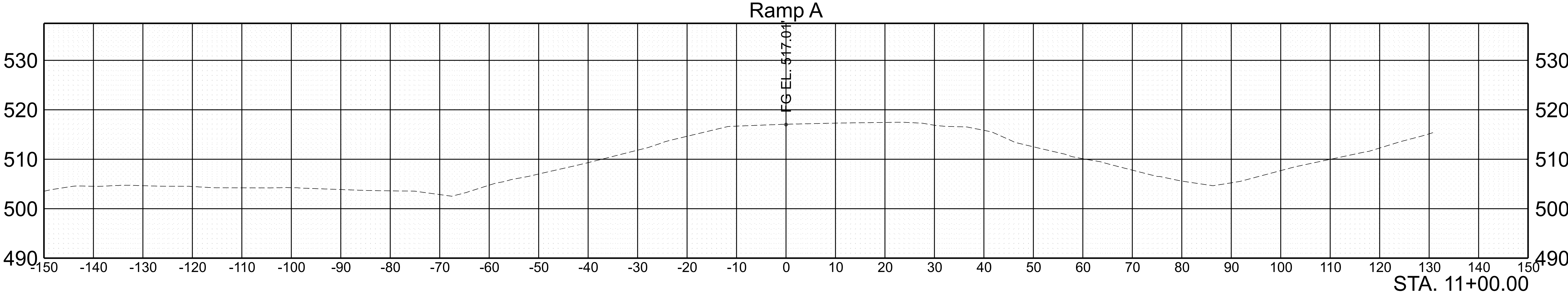
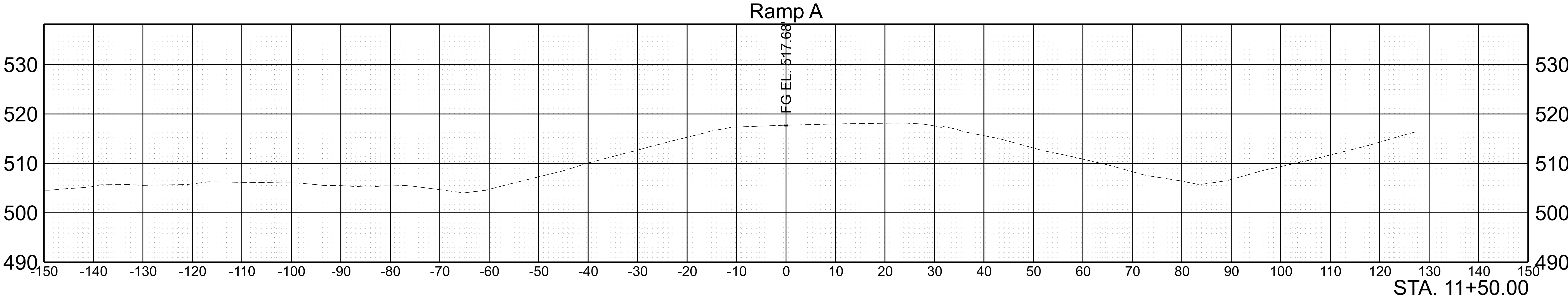
SCALE: 1"=10' HORIZ.	BEGIN STA. 553+50.00
1"=10' VERT.	END STA. 554+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	125



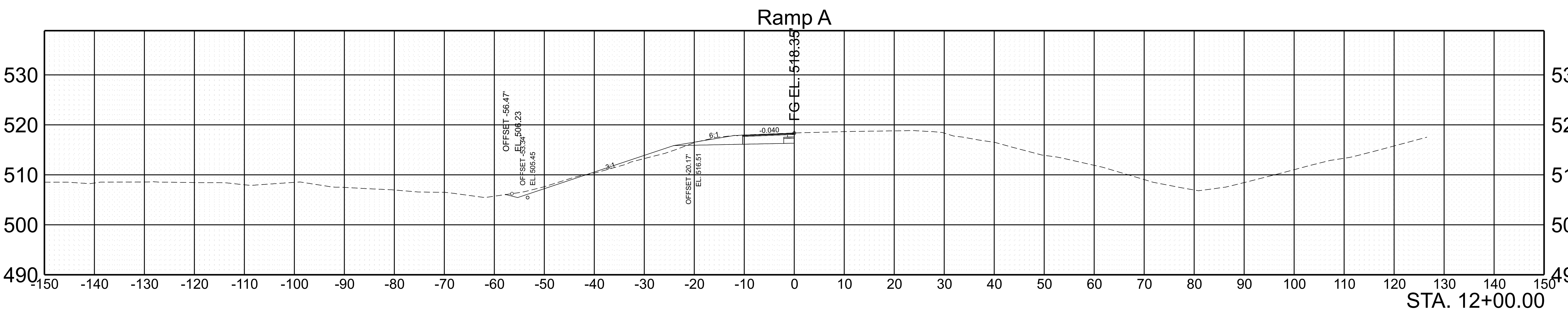
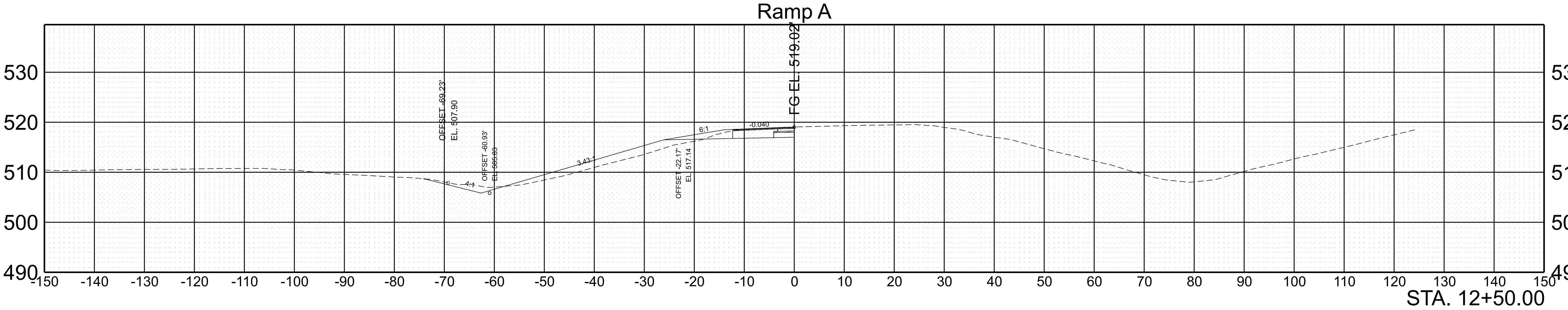
SCALE: 1"=10' HORIZ.	BEGIN STA. 10+00.00
1"=10' VERT.	END STA. 10+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	126



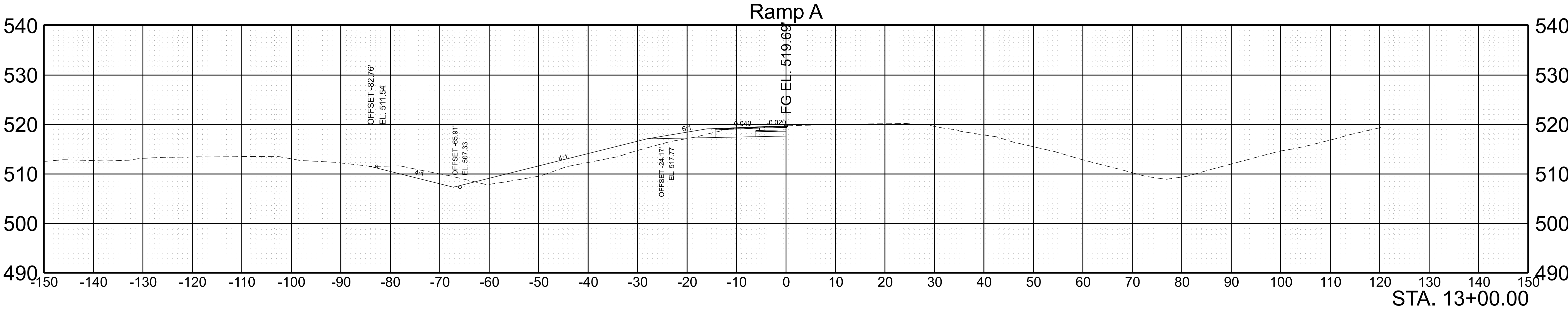
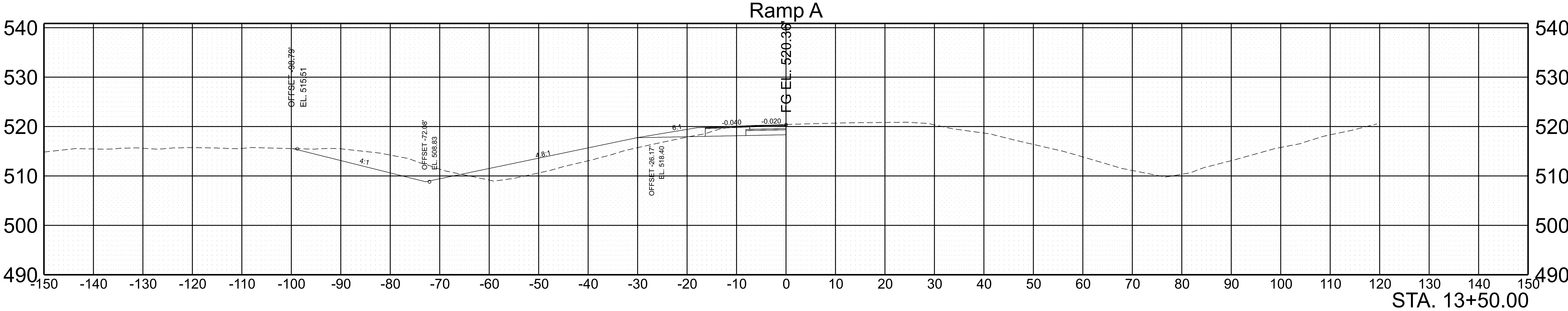
SCALE: 1"=10' HORIZ. 1"=10' VERT.	BEGIN STA. 11+00.00 END STA. 11+50.00
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	127



SCALE:	1"=10' HORIZ.	BEGIN STA. 12+00.00
	1"=10' VERT.	END STA. 12+50.00

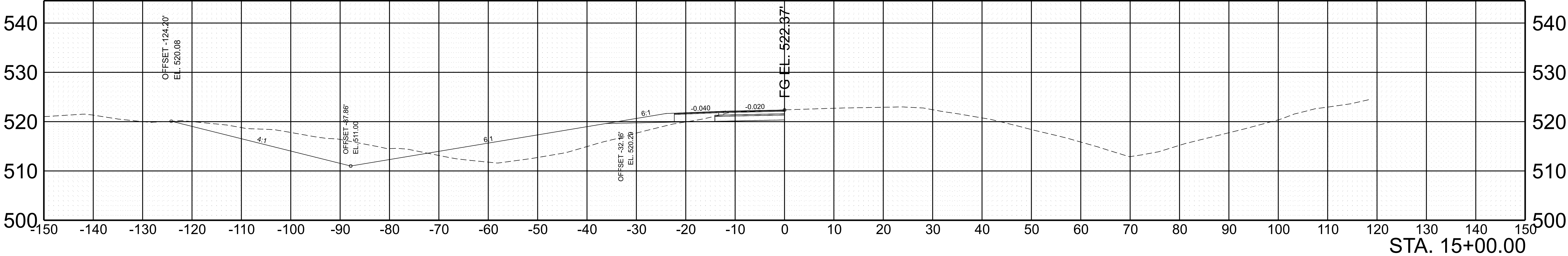
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	128



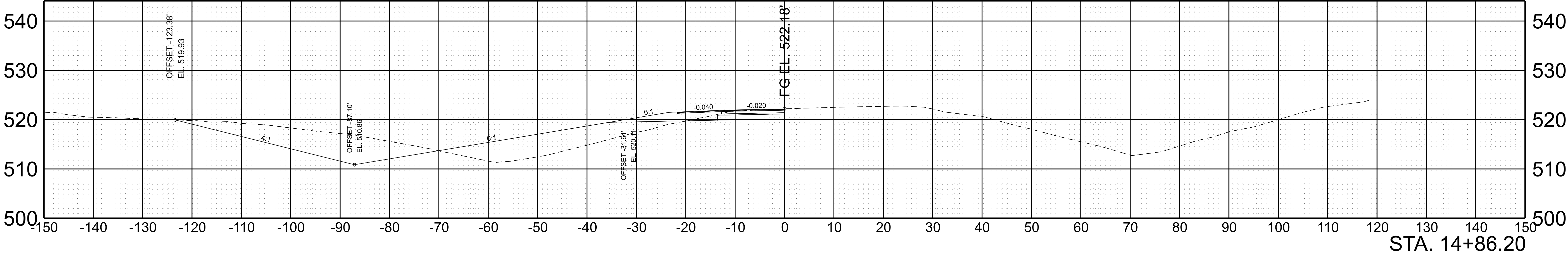
SCALE: 1"=10' HORIZ.	BEGIN STA. 13+00.00
1"=10' VERT.	END STA. 13+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	130

Ramp A

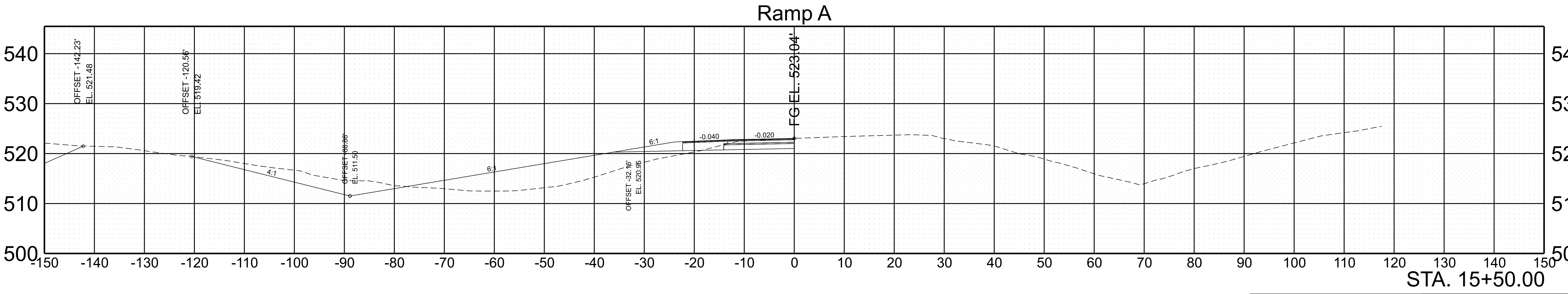
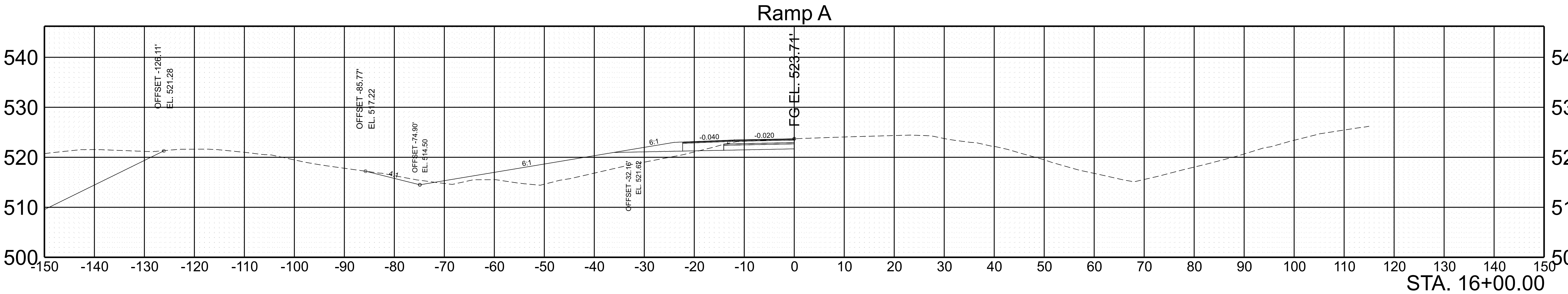


Ramp A



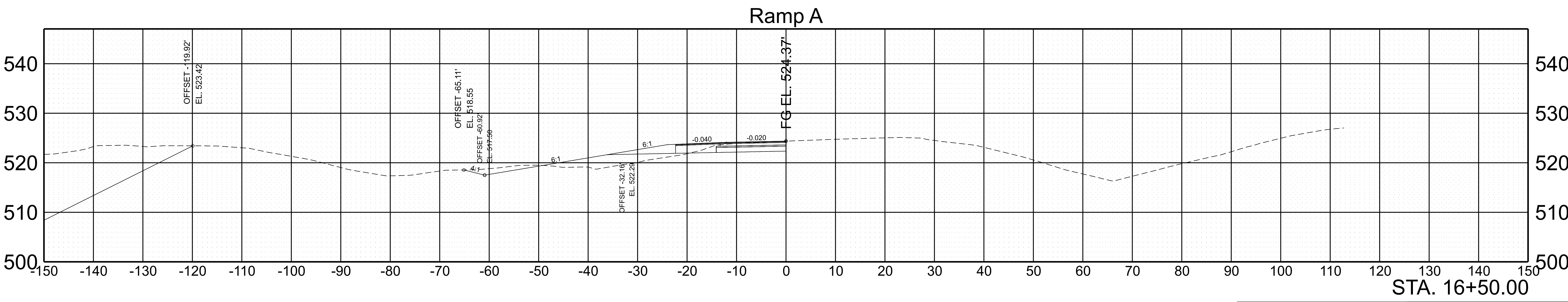
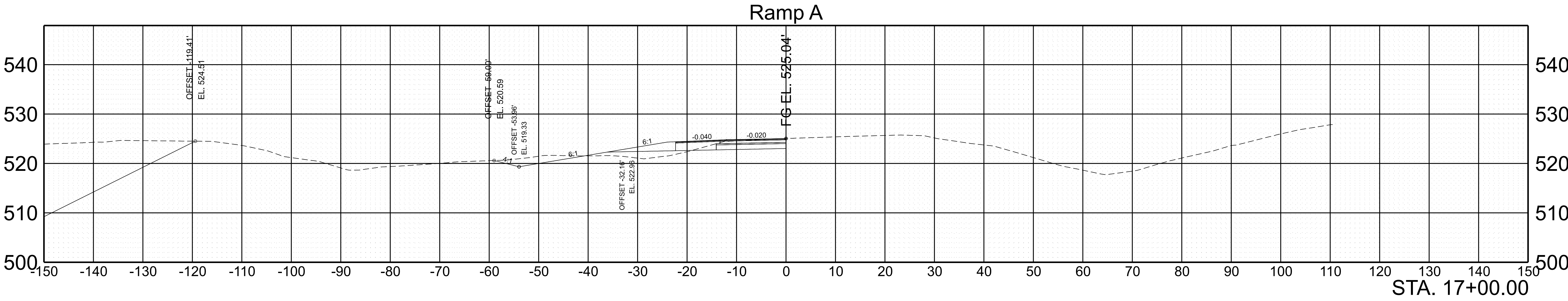
SCALE:	1"=10' HORIZ.	BEGIN STA. 14+86.20
	1"=10' VERT.	END STA. 15+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	131



SCALE:	1"=10' HORIZ.	BEGIN STA. 15+50.00
	1"=10' VERT.	END STA. 16+00.00

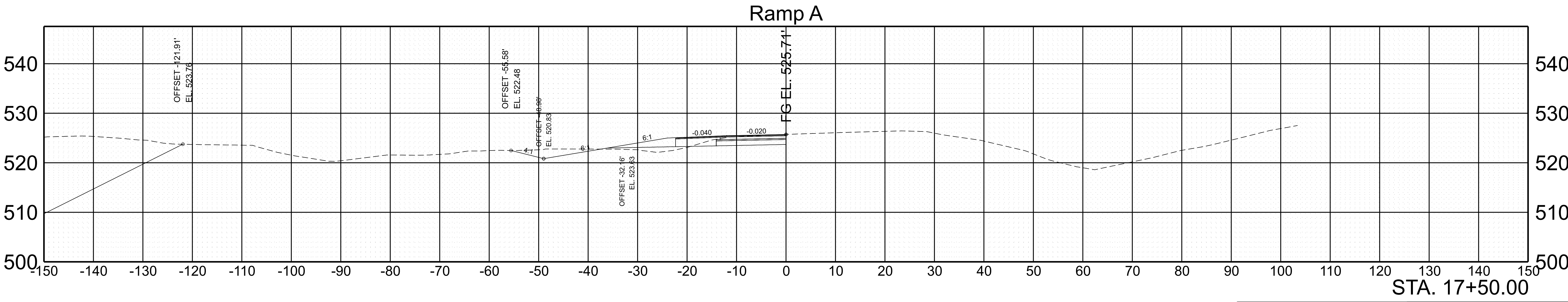
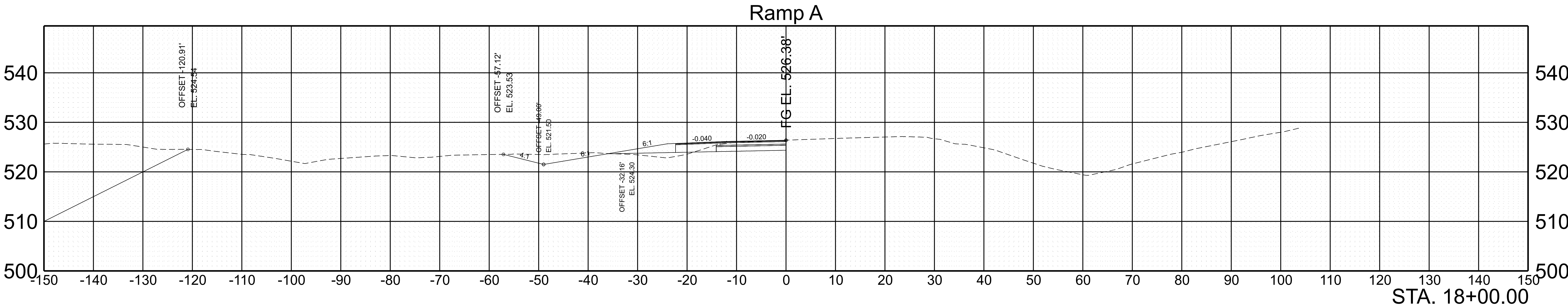
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	132



SCALE: 1"=10' HORIZ.	BEGIN STA. 16+50.00
1"=10' VERT.	END STA. 17+00.00

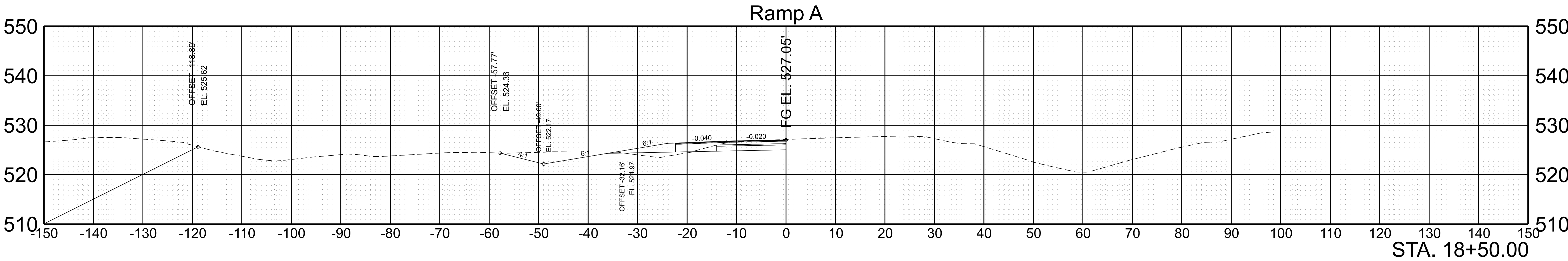
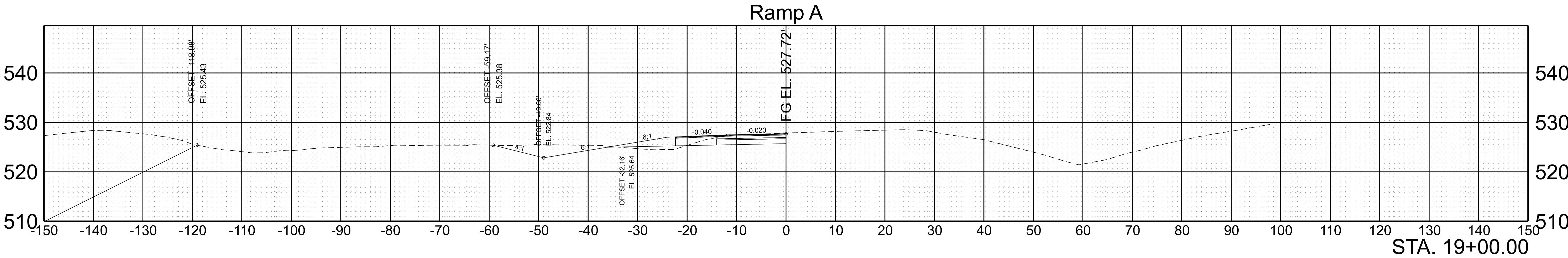
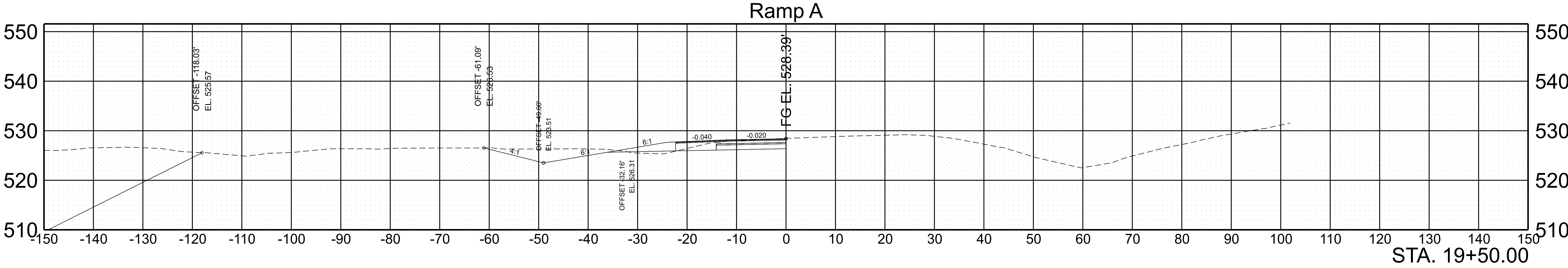
7/29/2025 5:14:56 PM G:\HD 5803.090 1-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-XS-RAMP.A.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	133



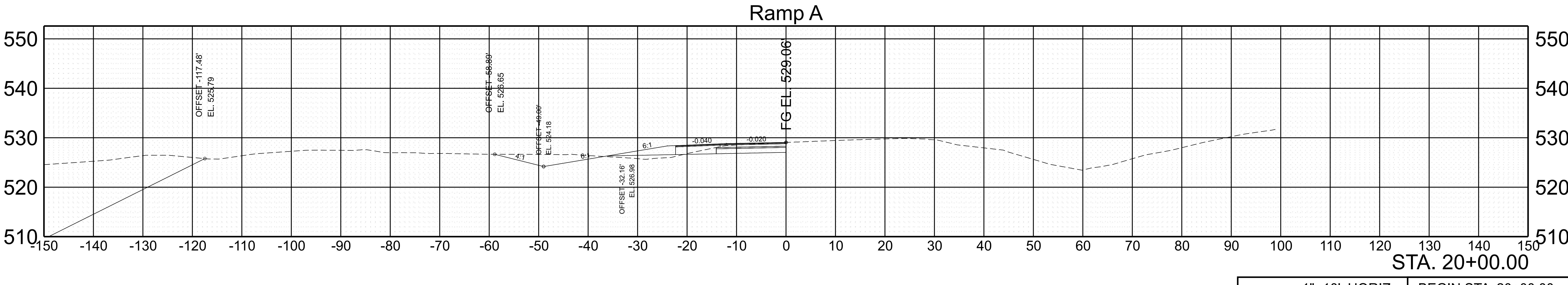
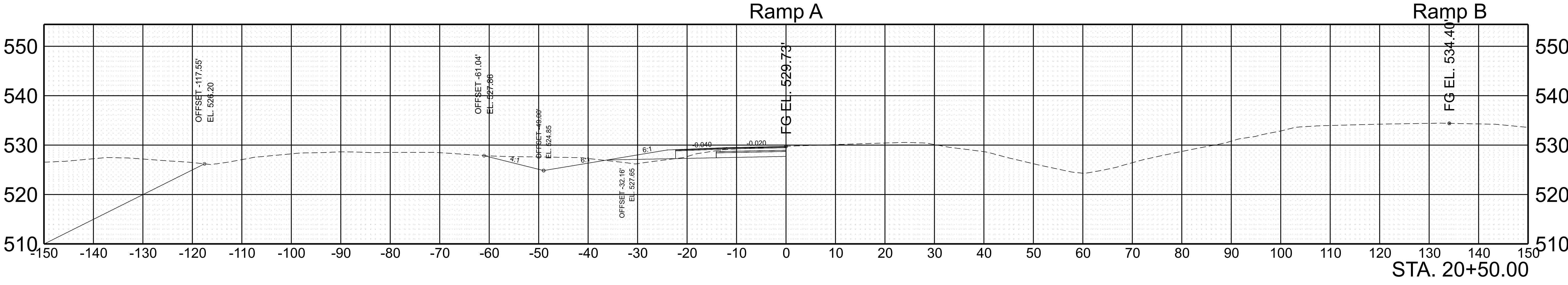
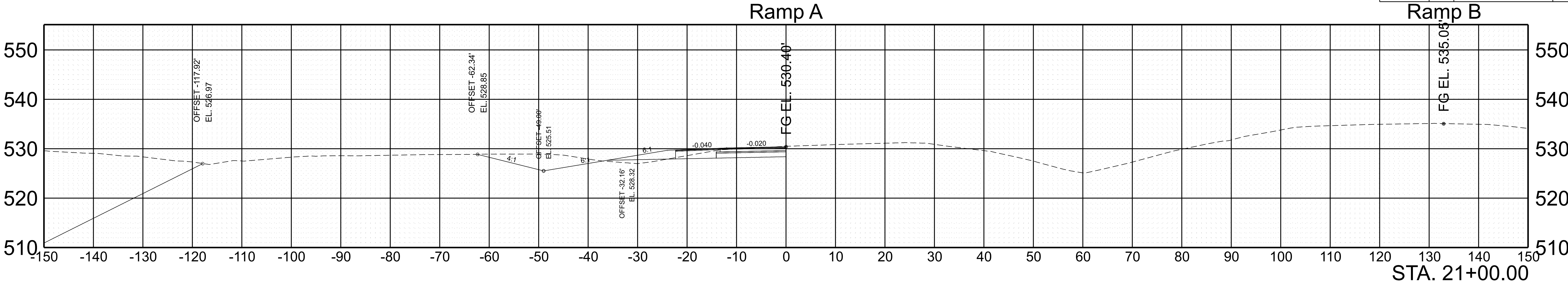
SCALE:	1"=10' HORIZ.	BEGIN STA. 17+50.00
	1"=10' VERT.	END STA. 18+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	134



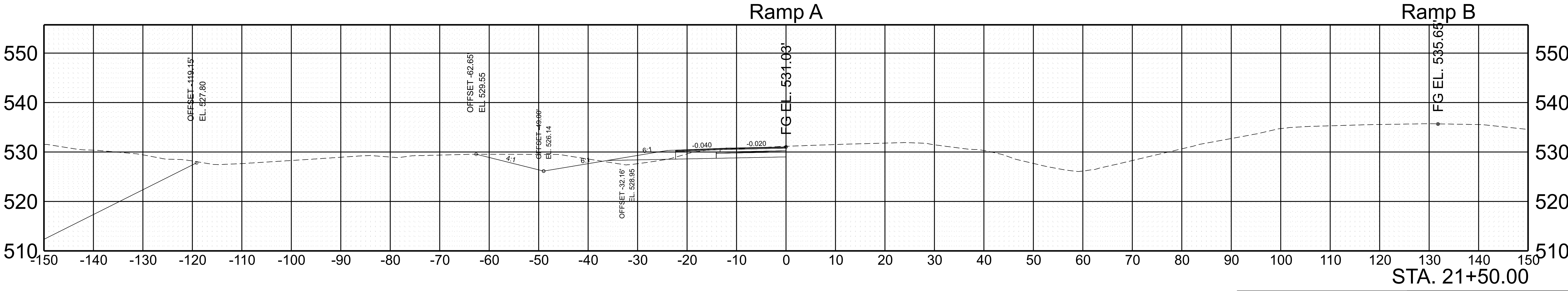
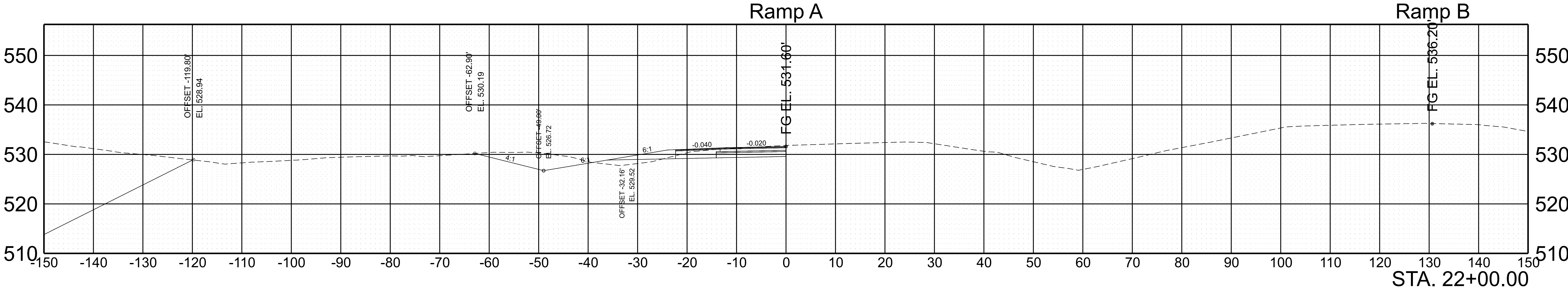
SCALE:	1"=10' HORIZ.	BEGIN STA. 18+50.00
	1"=10' VERT.	END STA. 19+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	135



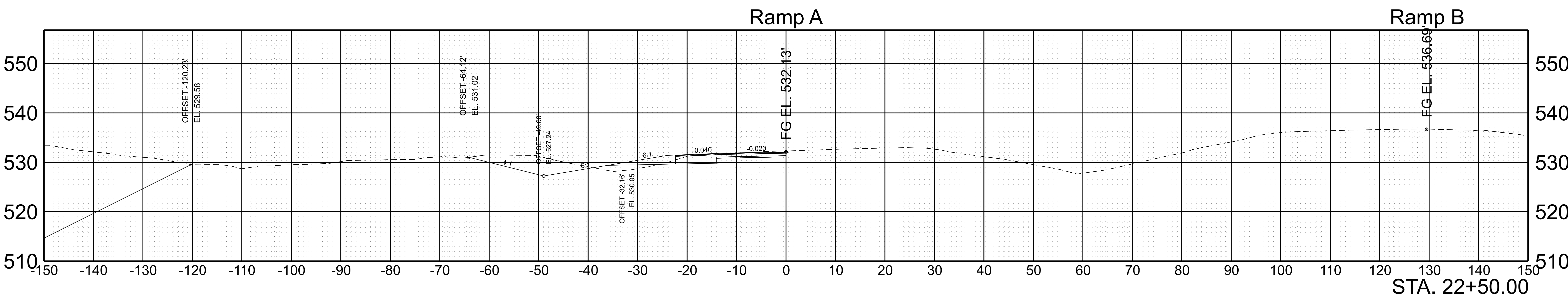
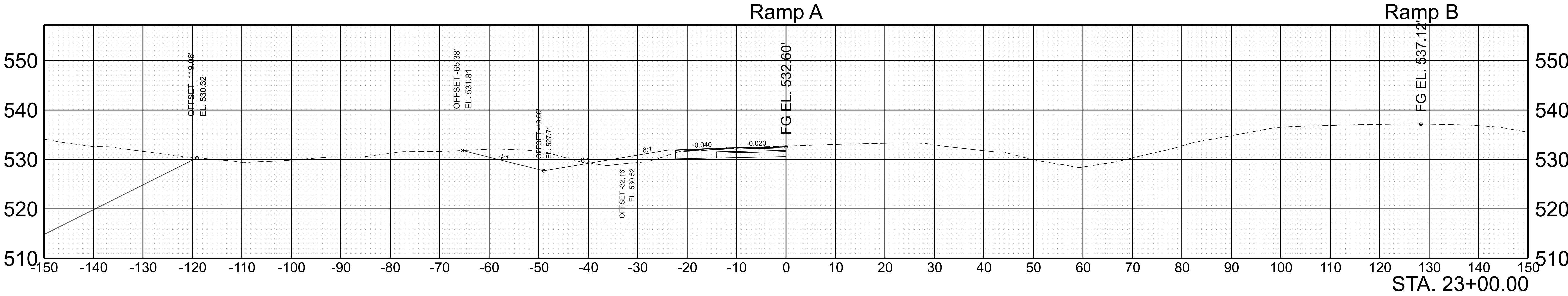
SCALE:	1"=10' HORIZ.	BEGIN STA. 20+00.00
	1"=10' VERT.	END STA. 21+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	136



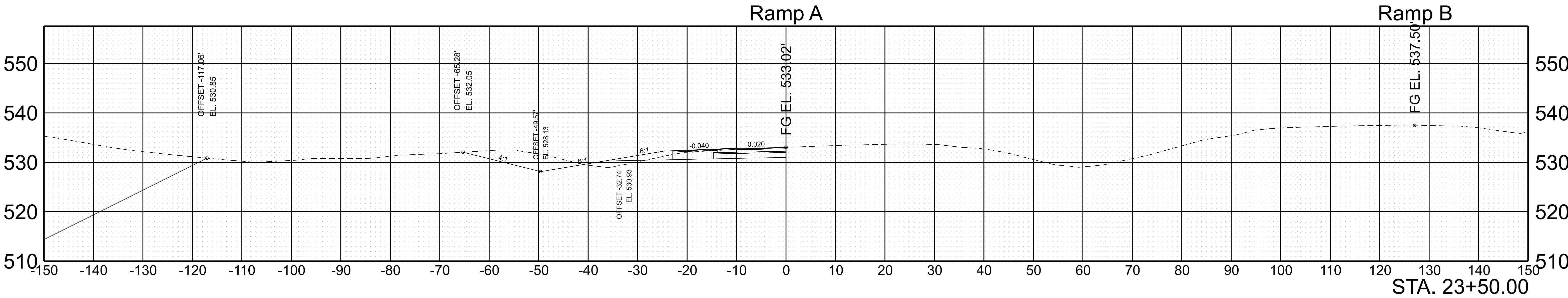
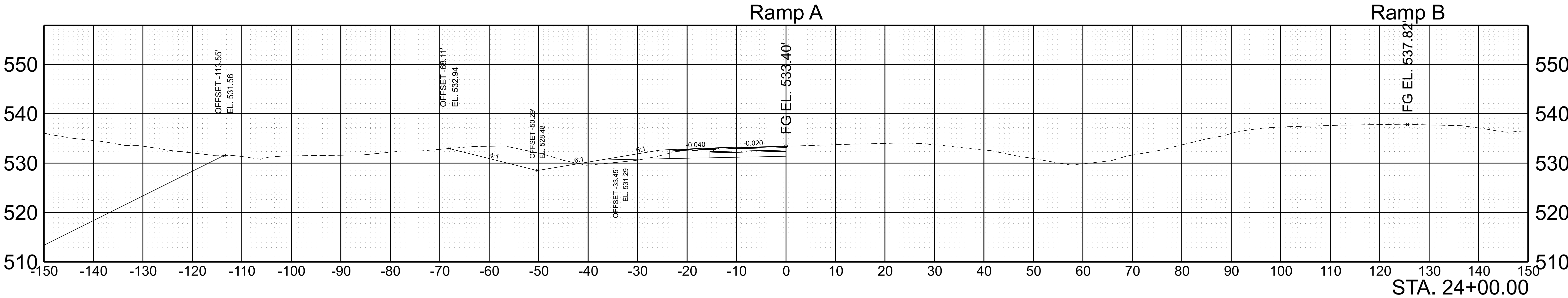
SCALE:	1"=10' HORIZ.	BEGIN STA. 21+50.00
	1"=10' VERT.	END STA. 22+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	137



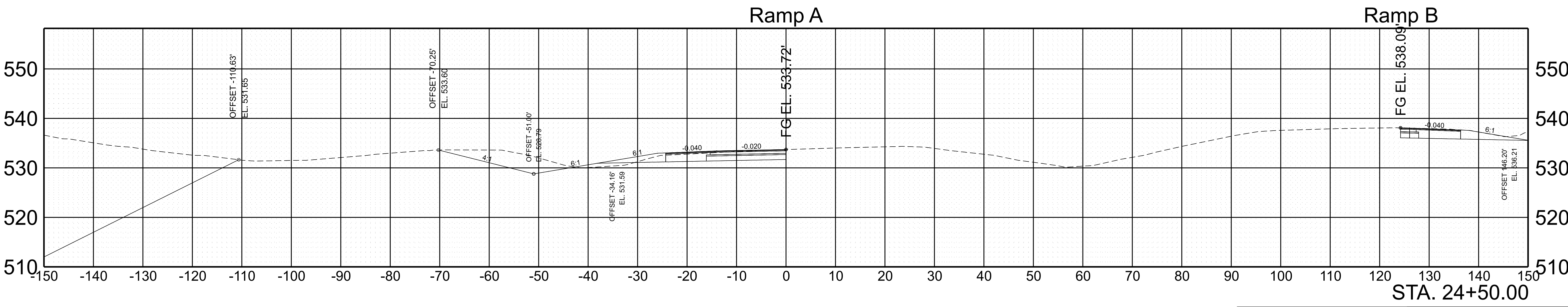
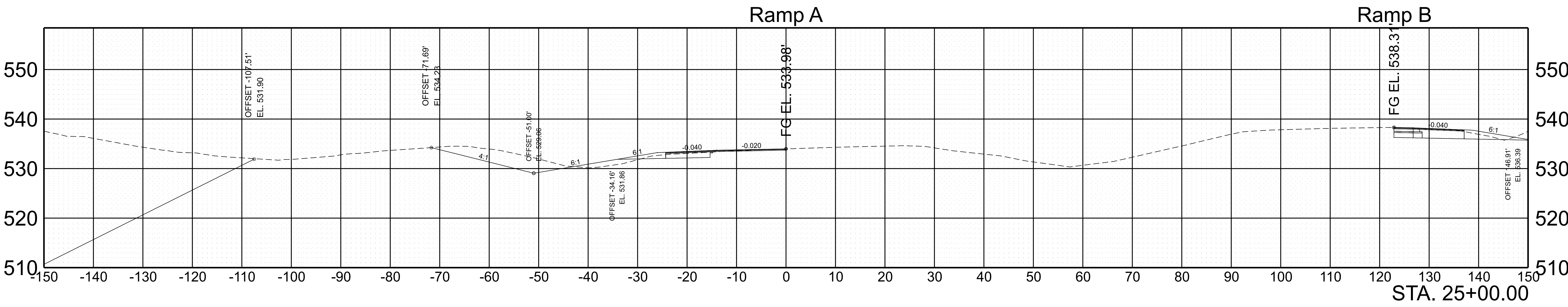
SCALE:	1"=10' HORIZ.	BEGIN STA. 22+50.00
	1"=10' VERT.	END STA. 23+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	139



SCALE:	1"=10' HORIZ.	BEGIN STA. 23+50.00
	1"=10' VERT.	END STA. 24+00.00

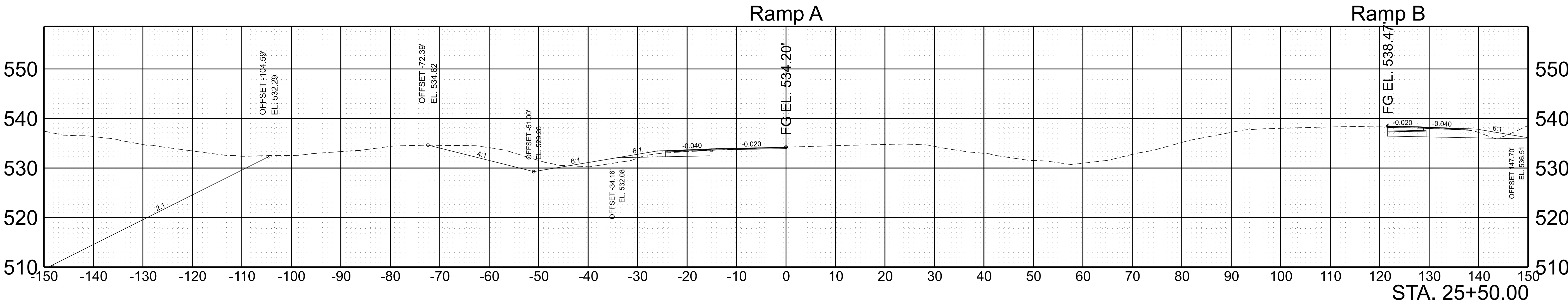
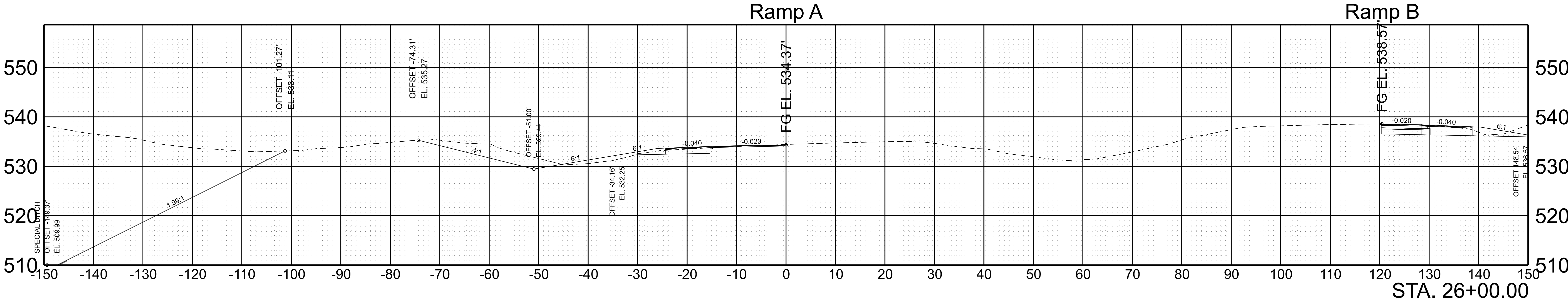
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	140



SCALE:	1"=10' HORIZ.	BEGIN STA. 24+50.00
	1"=10' VERT.	END STA. 25+00.00

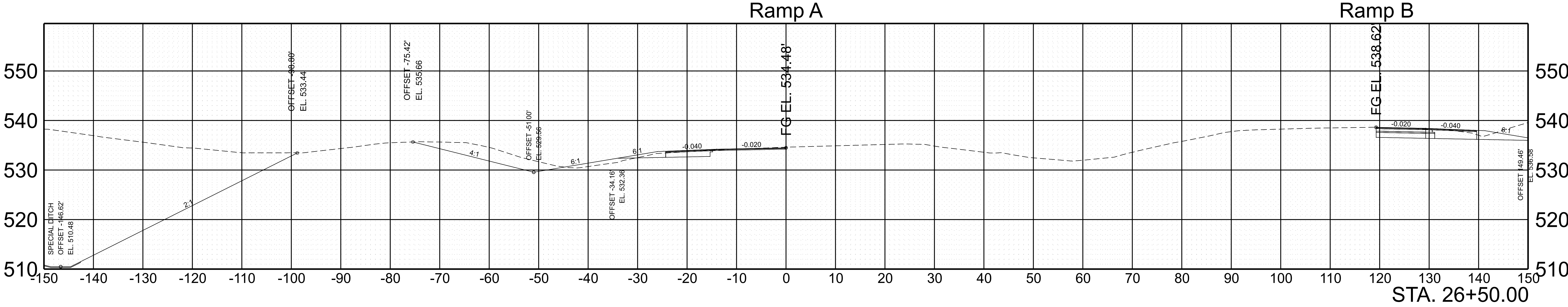
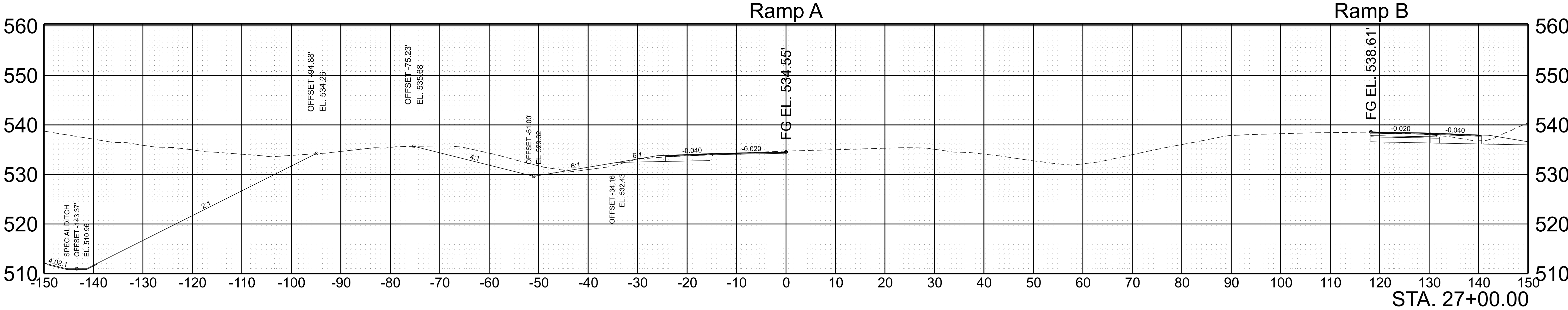
7/29/2025 5:17:13 PM G:\HD 5803.090 140 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-XS-RAMP.A.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	141



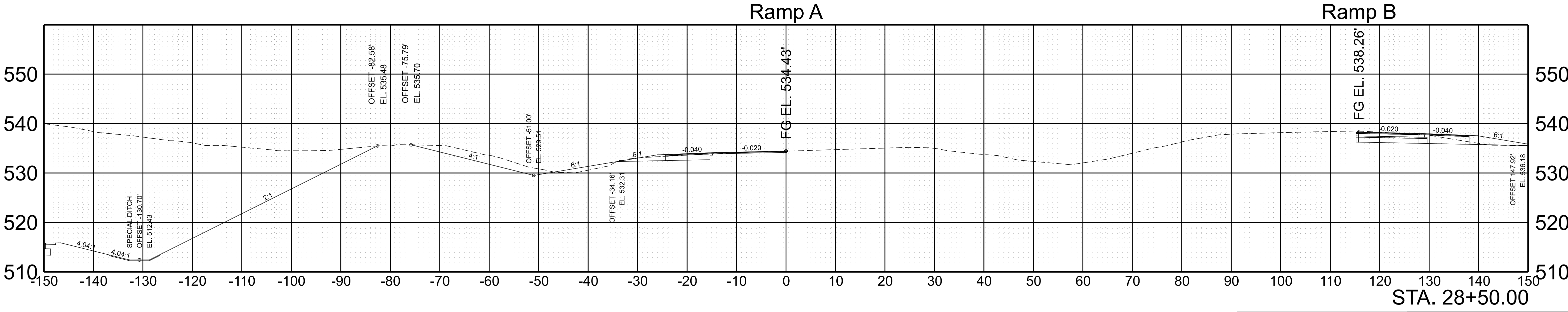
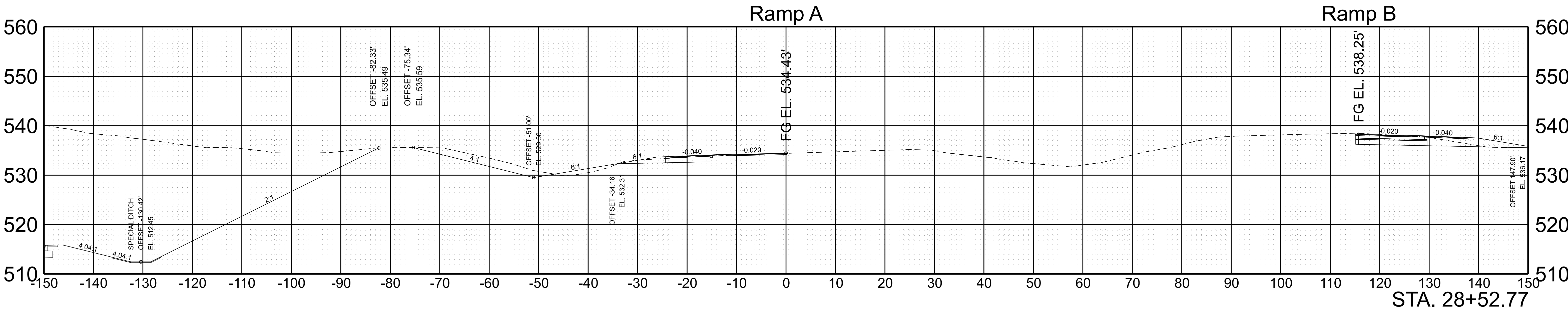
SCALE:	1"=10' HORIZ.	BEGIN STA. 25+50.00
	1"=10' VERT.	END STA. 26+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	142



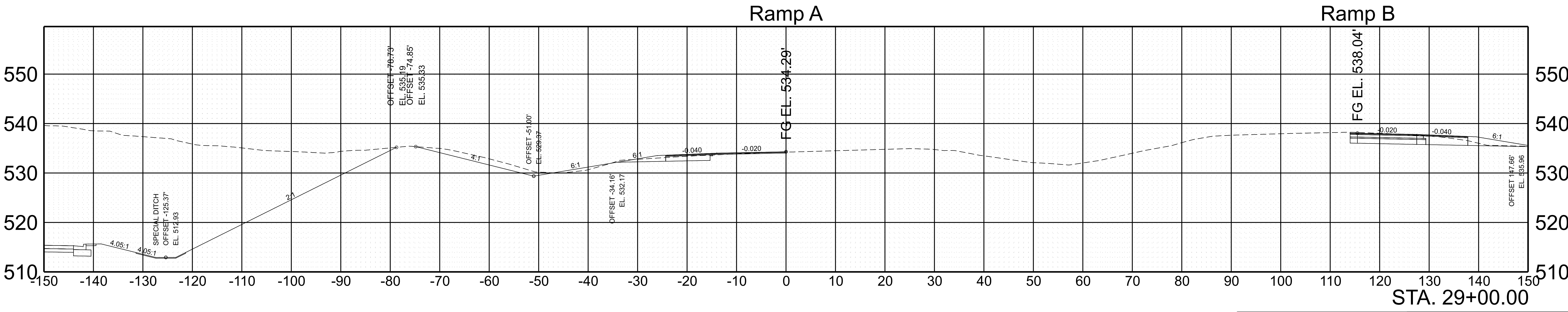
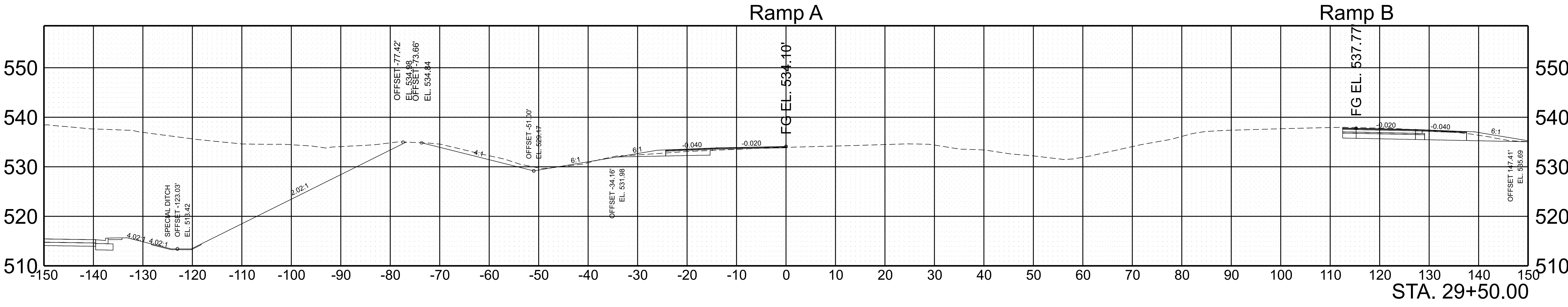
SCALE:	1"=10' HORIZ.	BEGIN STA. 26+50.00
	1"=10' VERT.	END STA. 27+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	144



SCALE:	1"=10' HORIZ.	BEGIN STA. 28+50.00
	1"=10' VERT.	END STA. 28+52.77

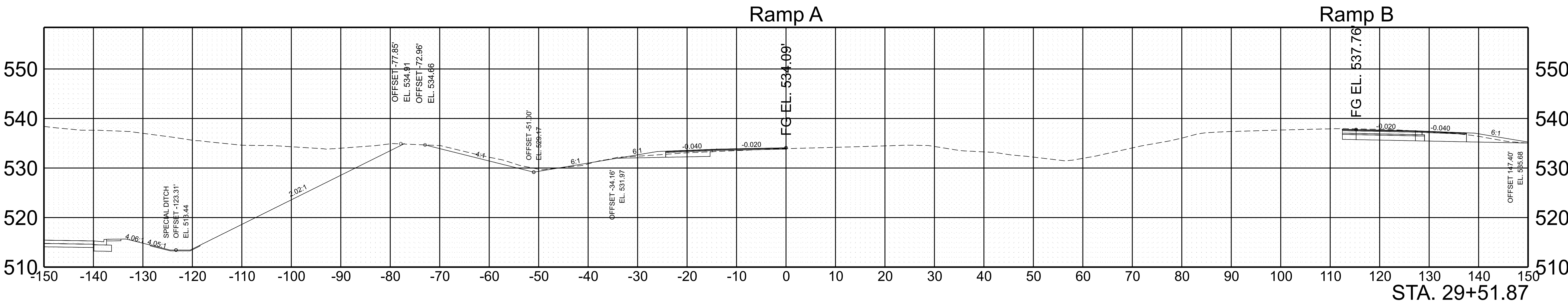
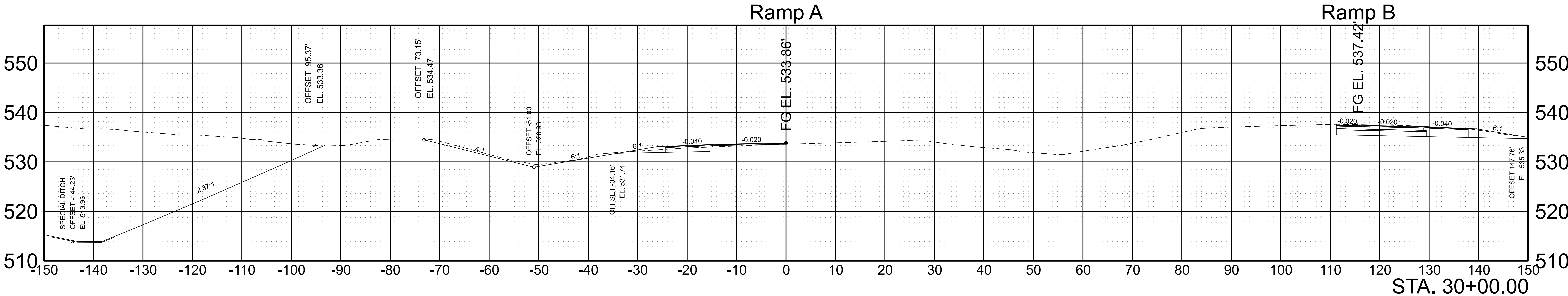
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	145



SCALE: 1"=10' HORIZ.
1"=10' VERT.

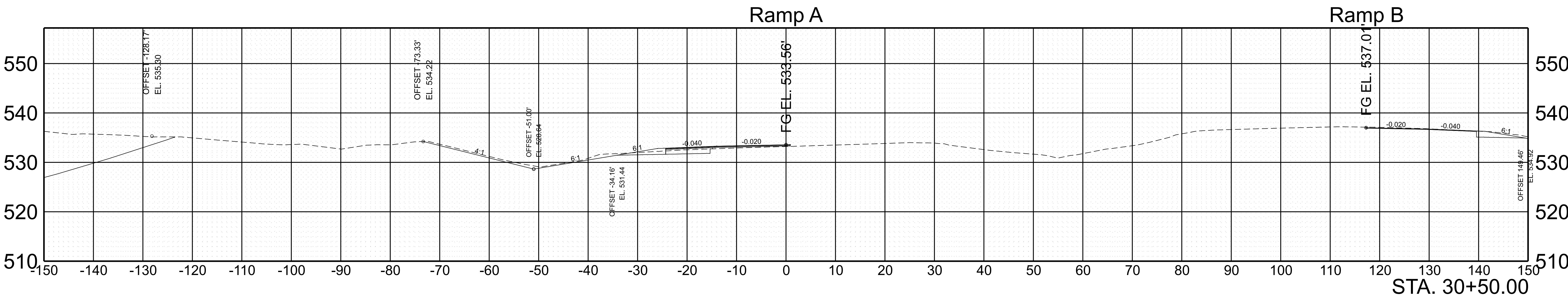
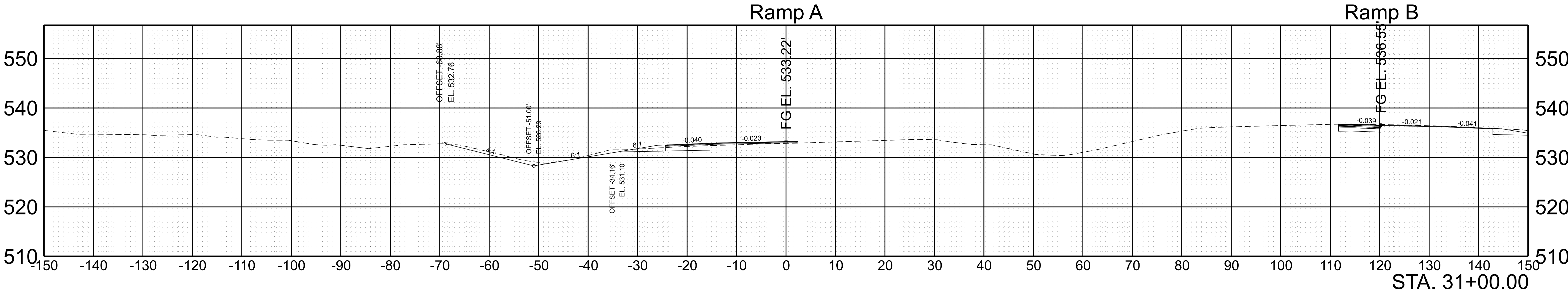
BEGIN STA. 29+00.00
END STA. 29+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	146



SCALE:	1"=10' HORIZ.	BEGIN STA. 29+51.87
	1"=10' VERT.	END STA. 30+00.00

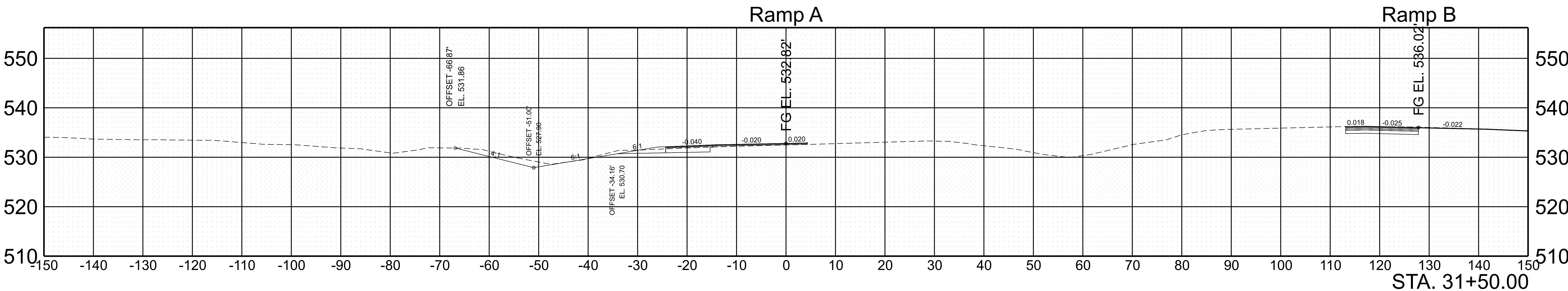
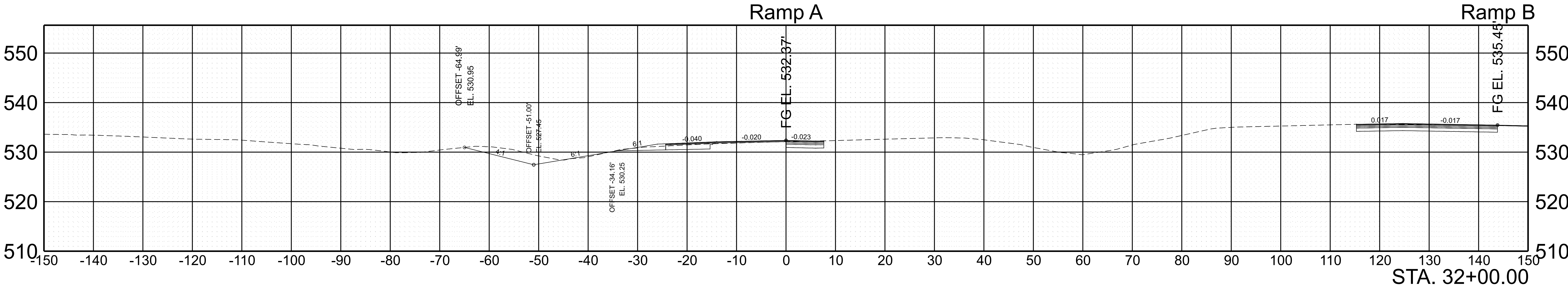
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	147



SCALE: 1"=10' HORIZ.
1"=10' VERT.

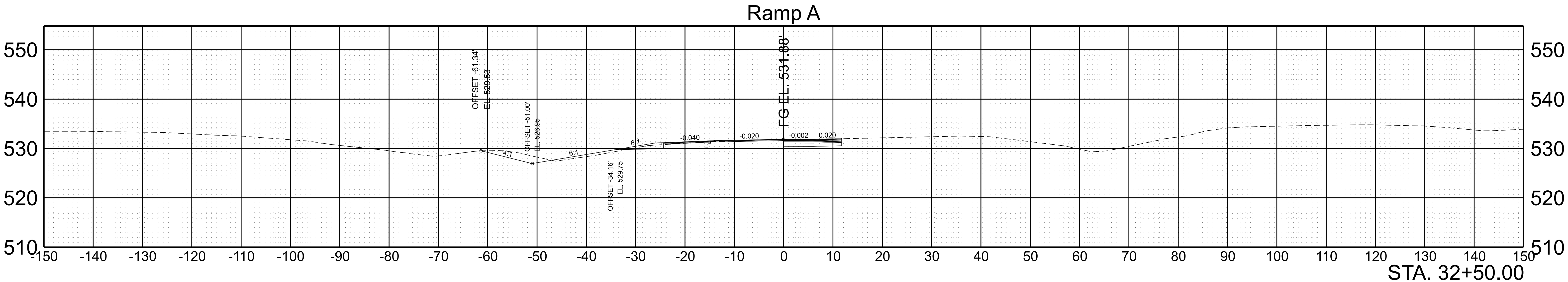
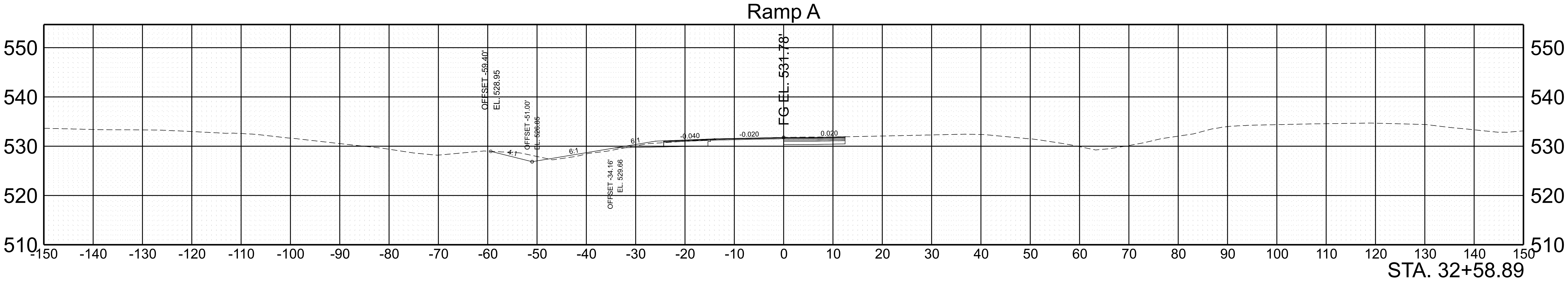
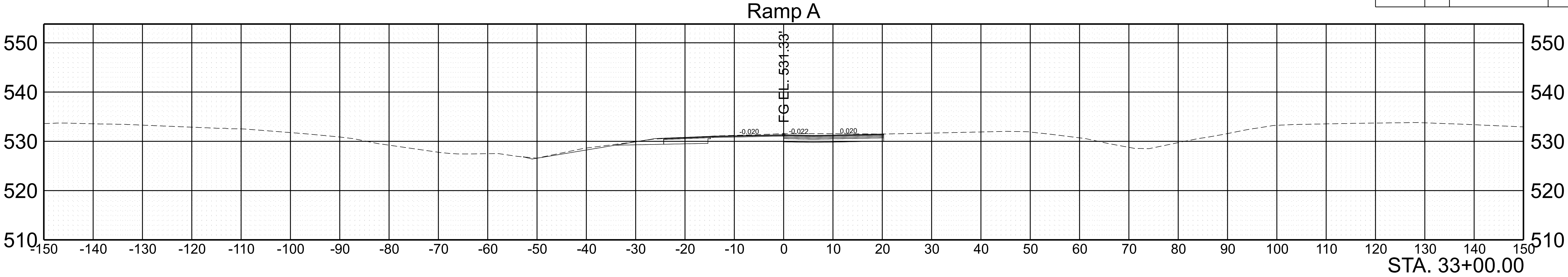
BEGIN STA. 30+50.00
END STA. 31+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	148



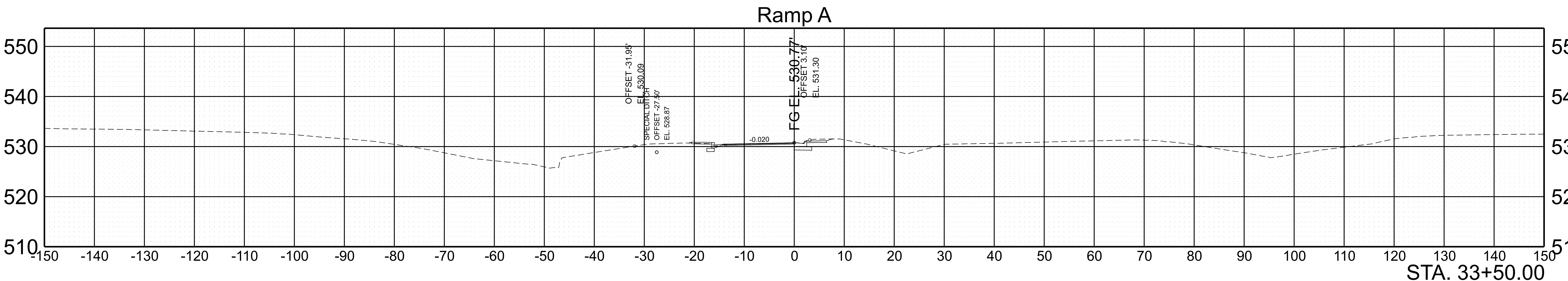
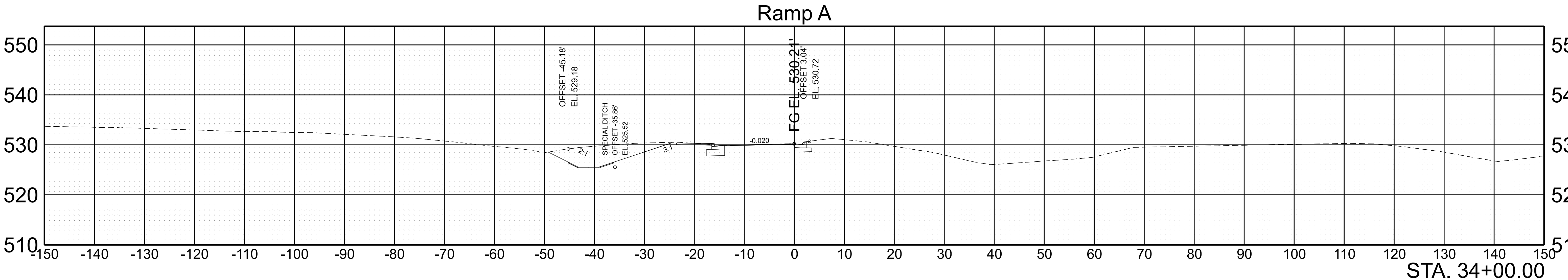
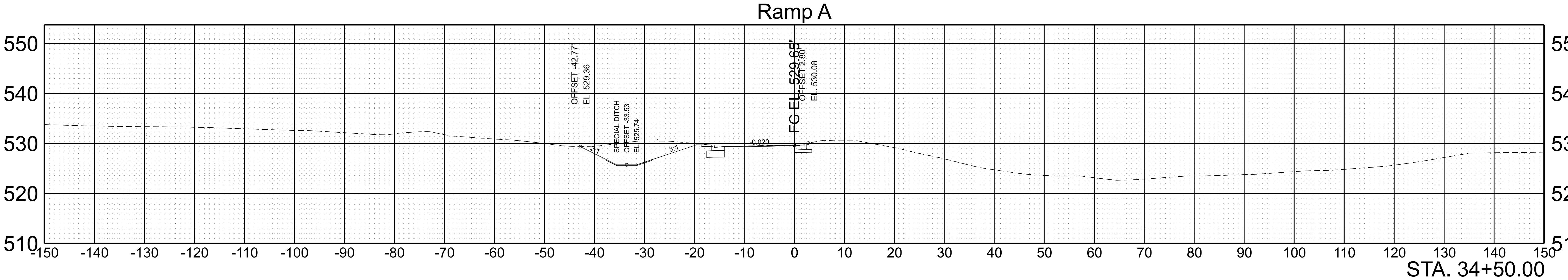
SCALE:	1"=10' HORIZ.	BEGIN STA. 31+50.00
	1"=10' VERT.	END STA. 32+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	149



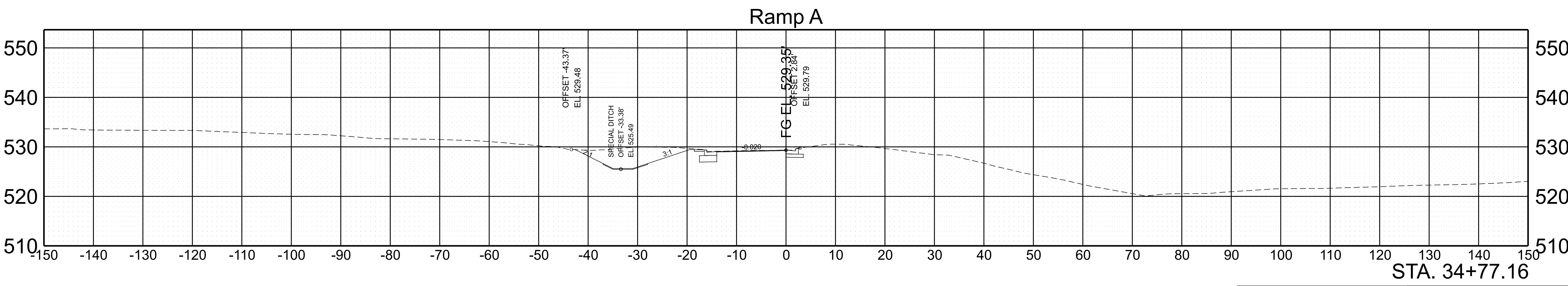
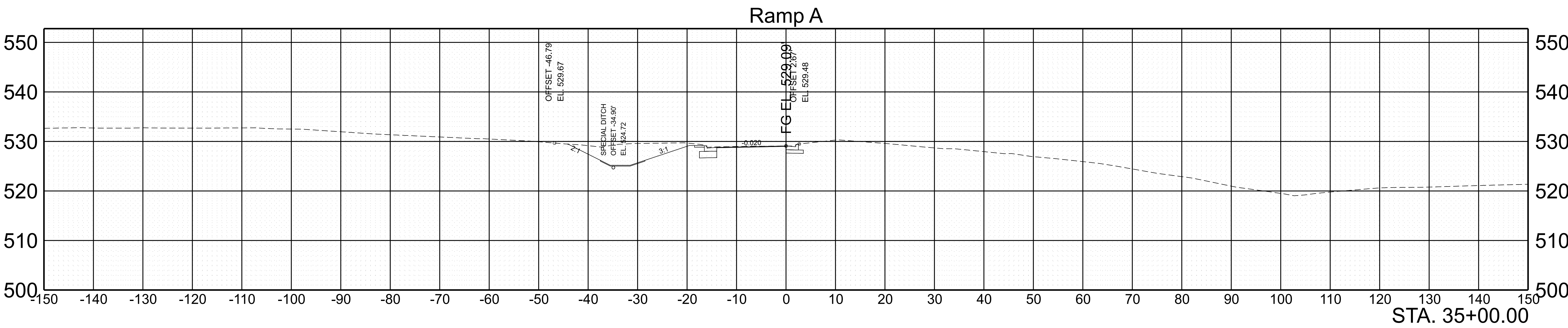
SCALE:	1"=10' HORIZ.	BEGIN STA. 32+50.00
	1"=10' VERT.	END STA. 33+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	150



SCALE:	1"=10' HORIZ.	BEGIN STA. 33+50.00
	1"=10' VERT.	END STA. 34+50.00

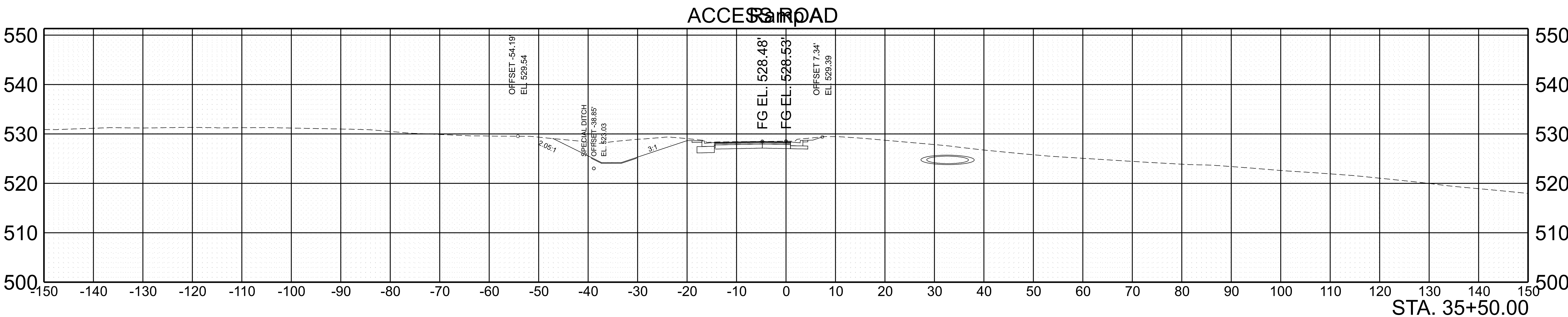
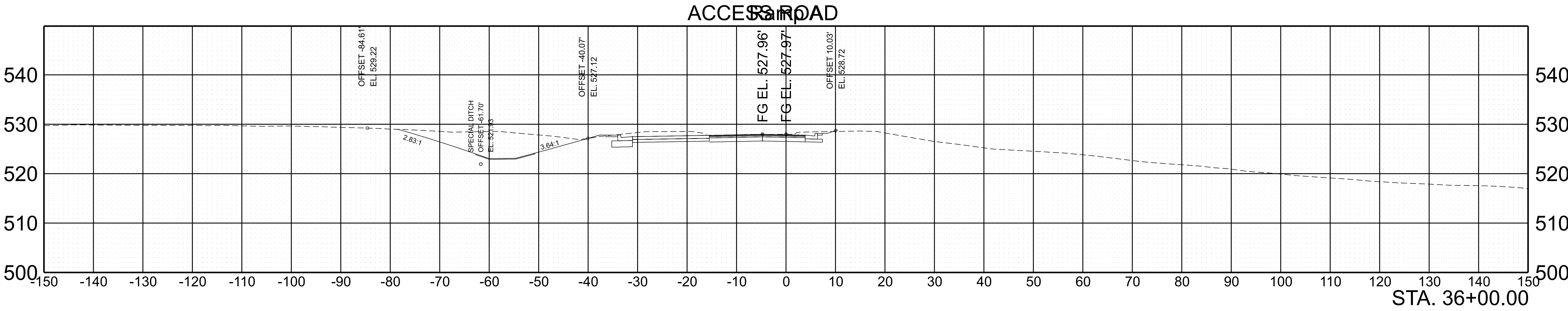
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	151



SCALE:	1"=10' HORIZ.	BEGIN STA. 34+77.16
	1"=10' VERT.	END STA. 35+00.00

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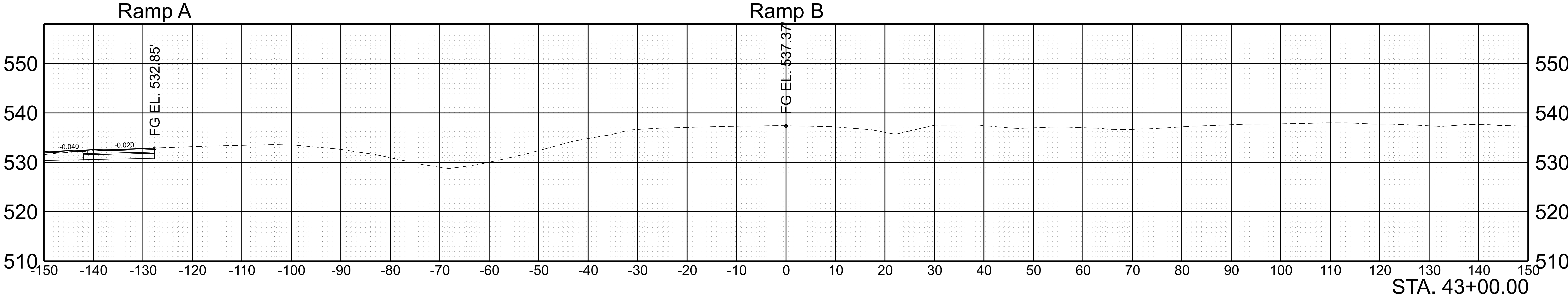
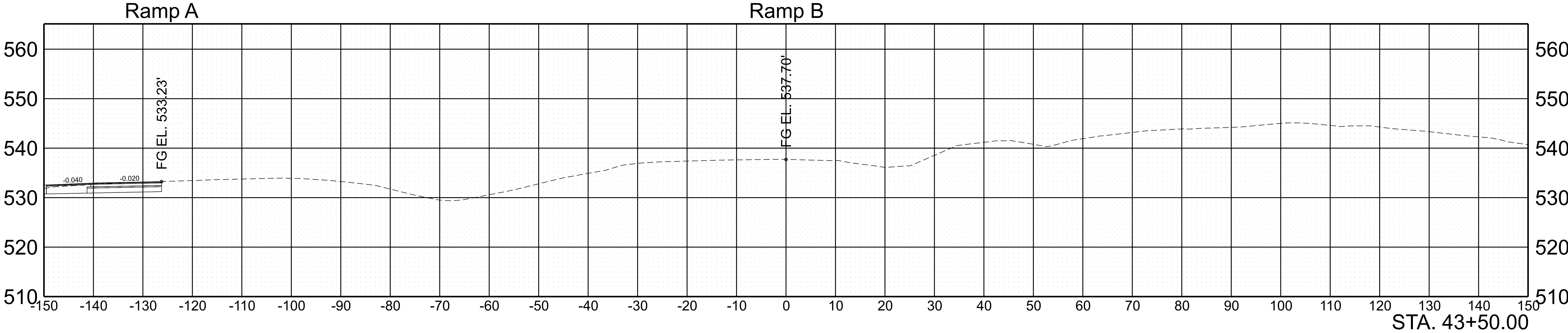
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	152



SCALE: 1"=10' HORIZ.
1"=10' VERT.

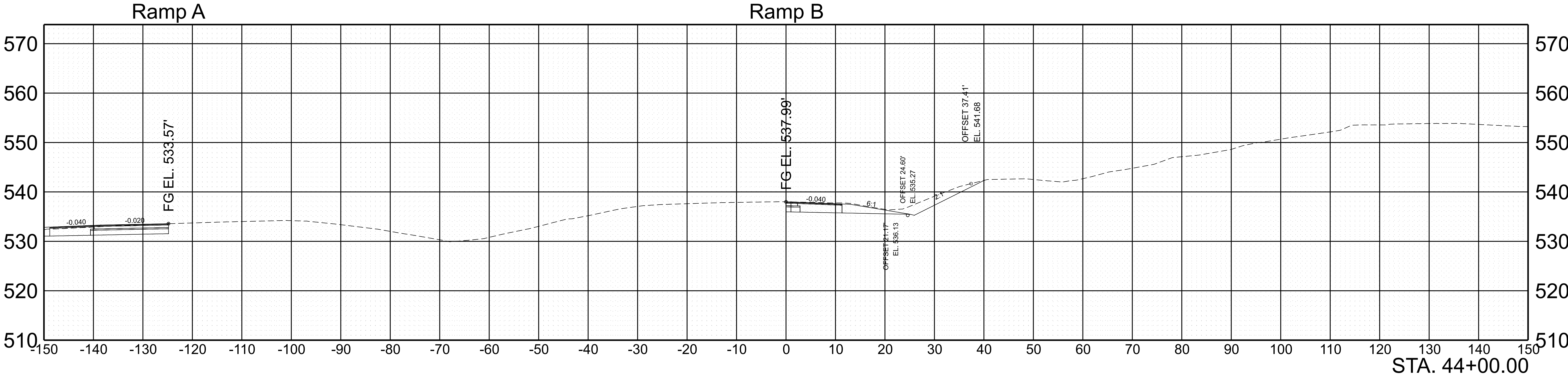
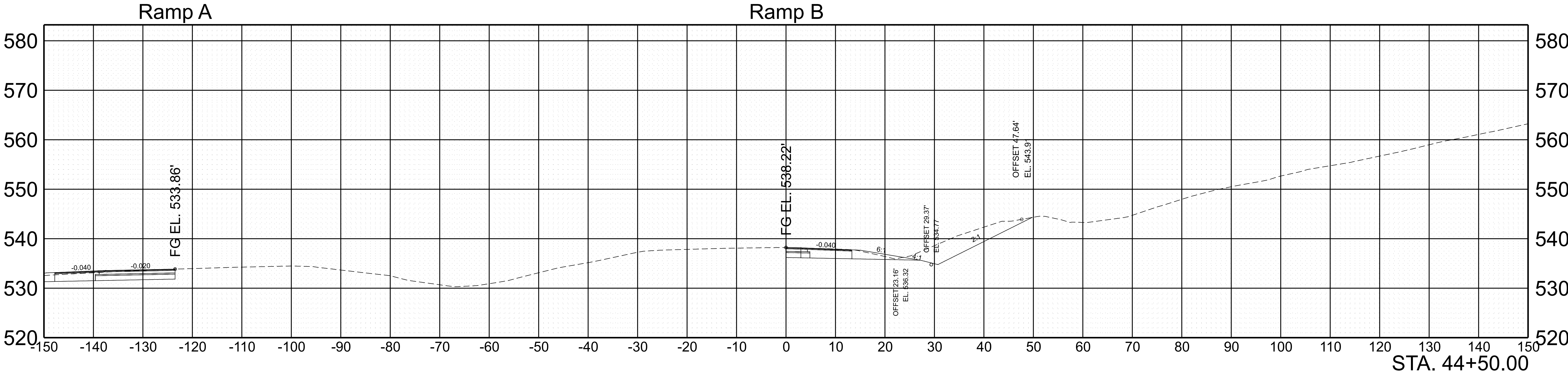
BEGIN STA. 35+50.00
END STA. 36+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	153



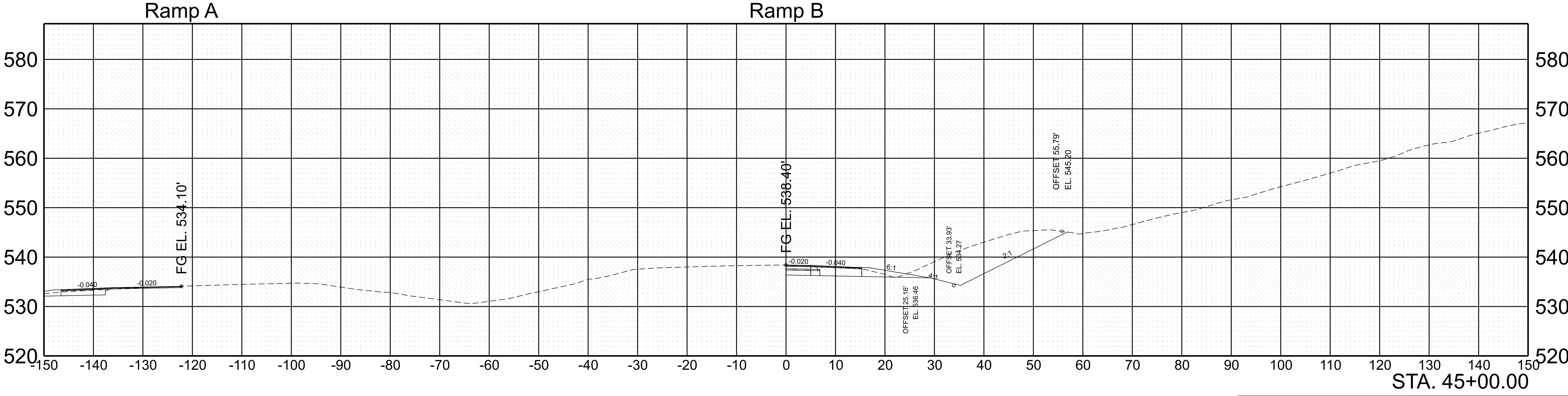
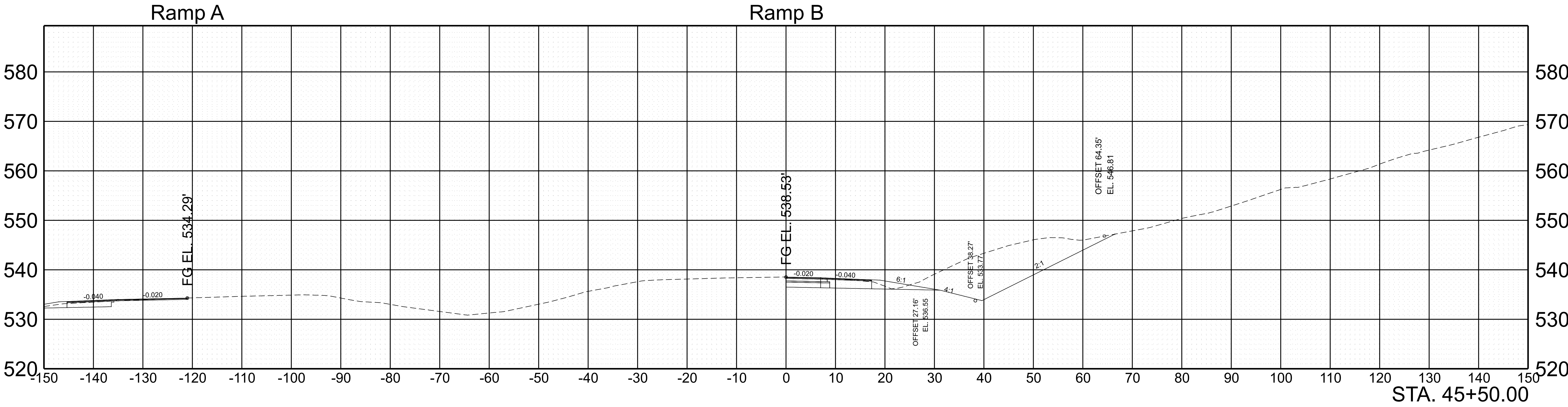
SCALE:	1"=10' HORIZ.	BEGIN STA. 43+00.00
	1"=10' VERT.	END STA. 43+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	154



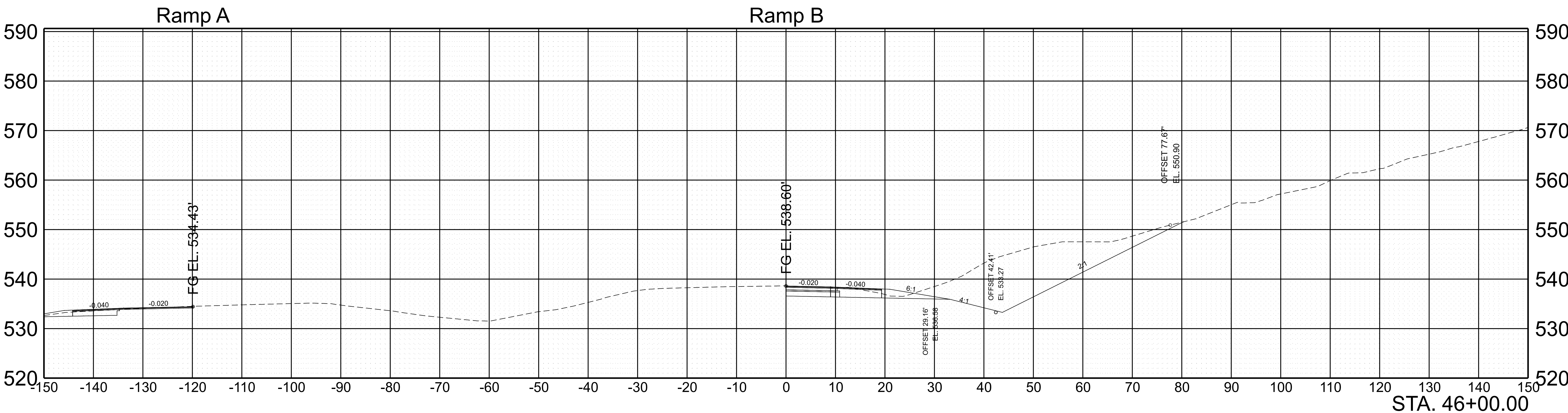
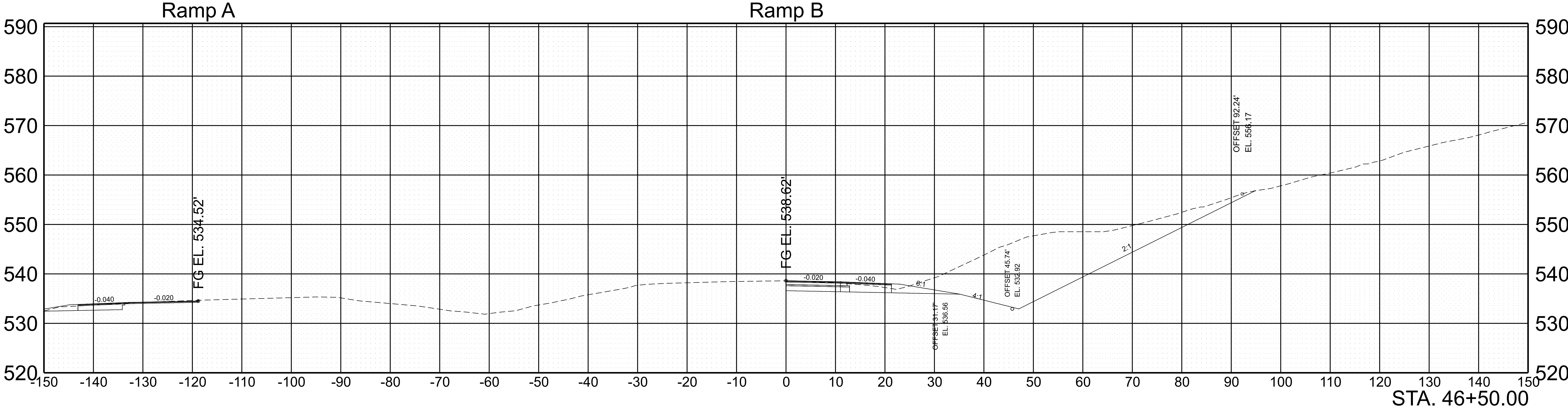
SCALE: 1"=10' HORIZ.	BEGIN STA. 44+00.00
1"=10' VERT.	END STA. 44+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	155



SCALE:	1"=10' HORIZ.	BEGIN STA. 45+00.00
	1"=10' VERT.	END STA. 45+50.00

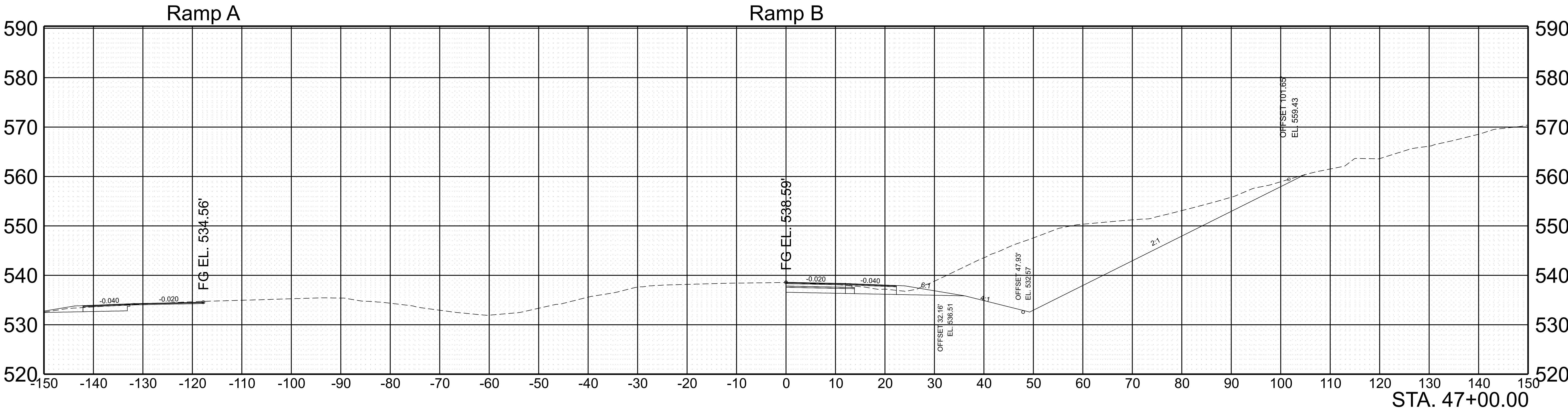
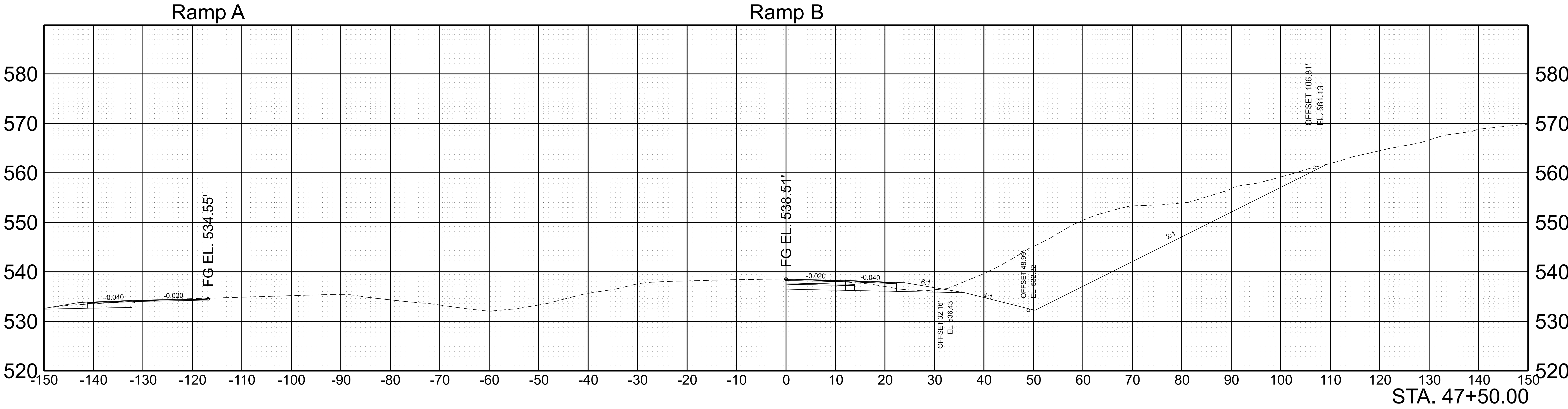
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	156



SCALE: 1"=10' HORIZ.
1"=10' VERT.

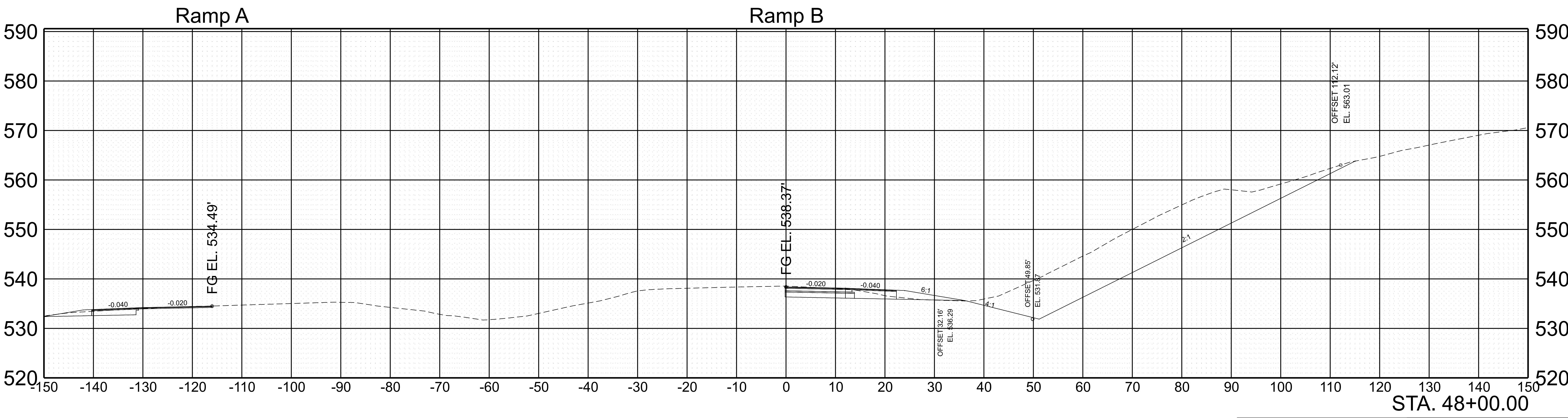
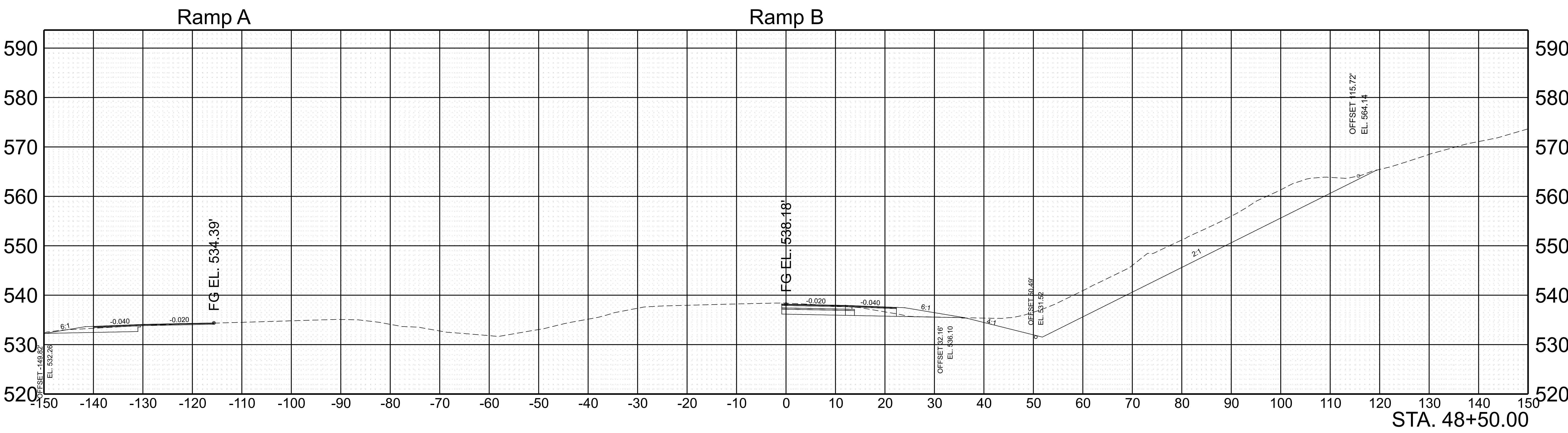
BEGIN STA. 46+00.00
END STA. 46+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	157



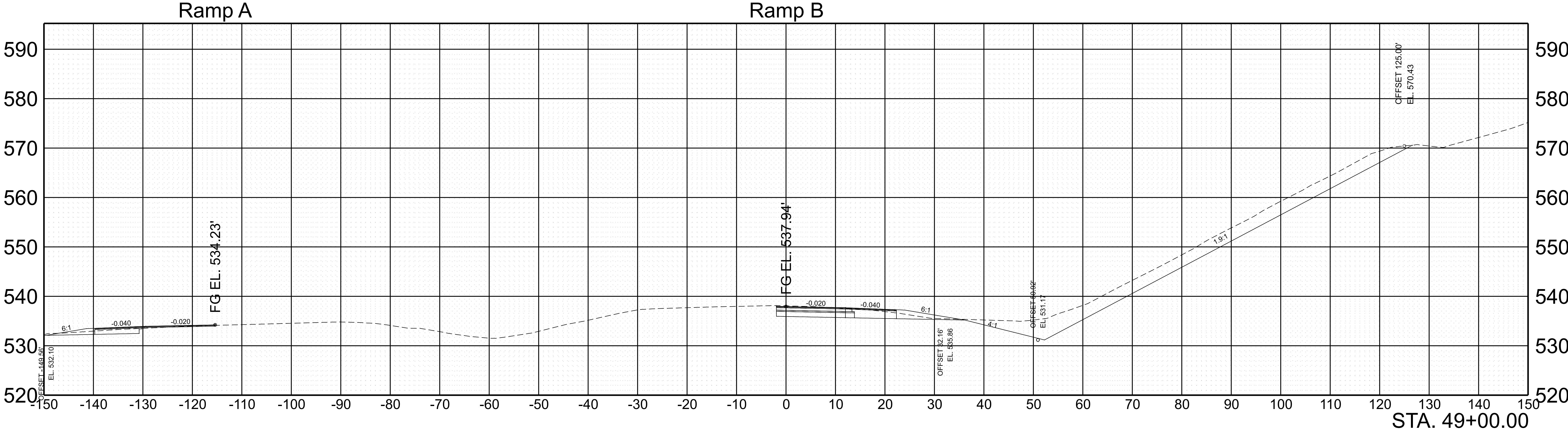
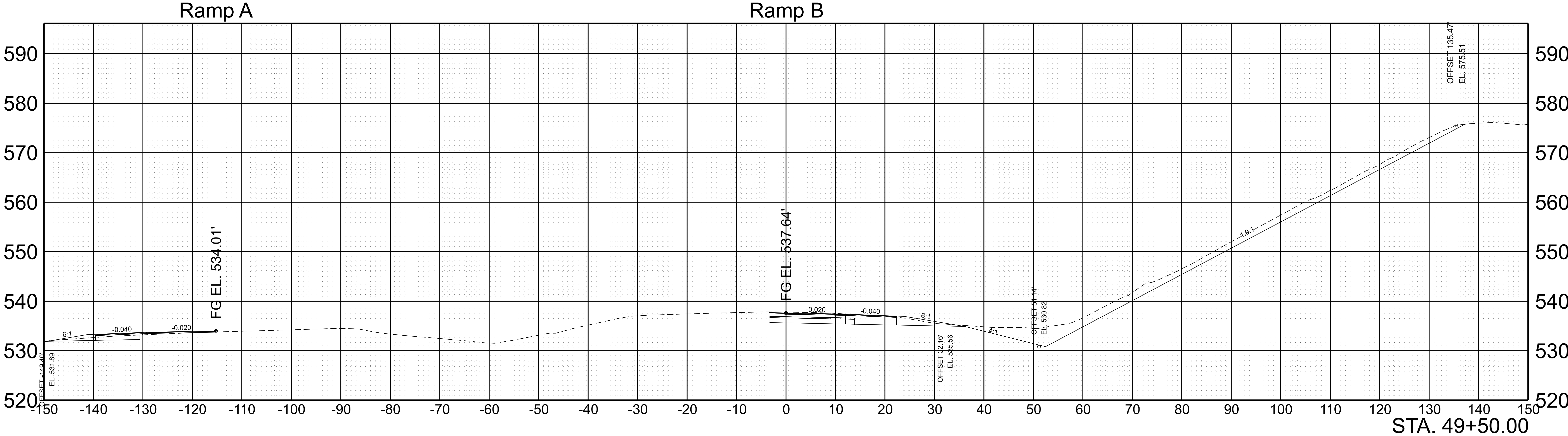
SCALE:	1"=10' HORIZ. 1"=10' VERT.	BEGIN STA. 47+00.00 END STA. 47+50.00
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	158



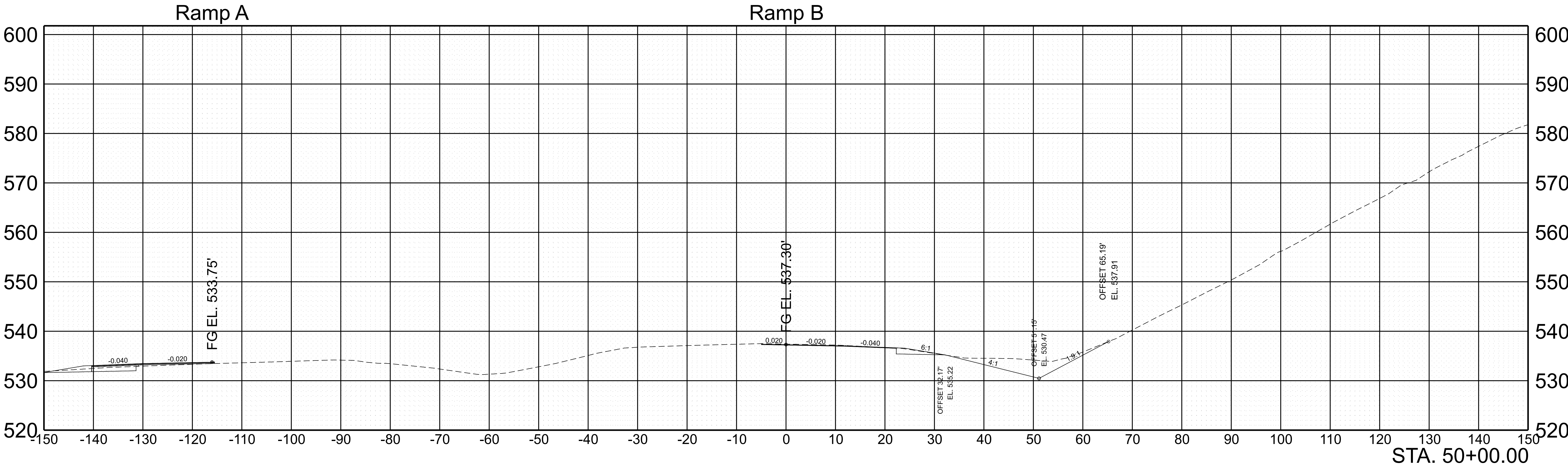
SCALE:	1"=10' HORIZ.	BEGIN STA. 48+00.00
	1"=10' VERT.	END STA. 48+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	159



SCALE:	1"=10' HORIZ.	BEGIN STA. 49+00.00
	1"=10' VERT.	END STA. 49+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	160

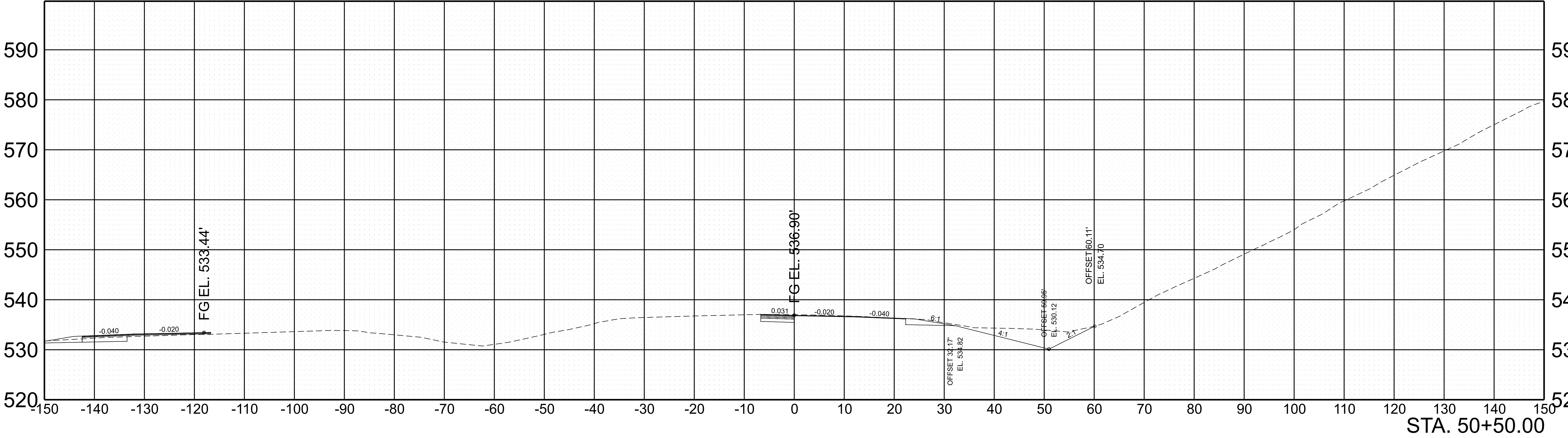


SCALE: 1"=10' HORIZ. 1"=10' VERT.	BEGIN STA. 50+00.00 END STA. 50+00.00
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	161

Ramp A

Ramp B



STA. 50+50.00

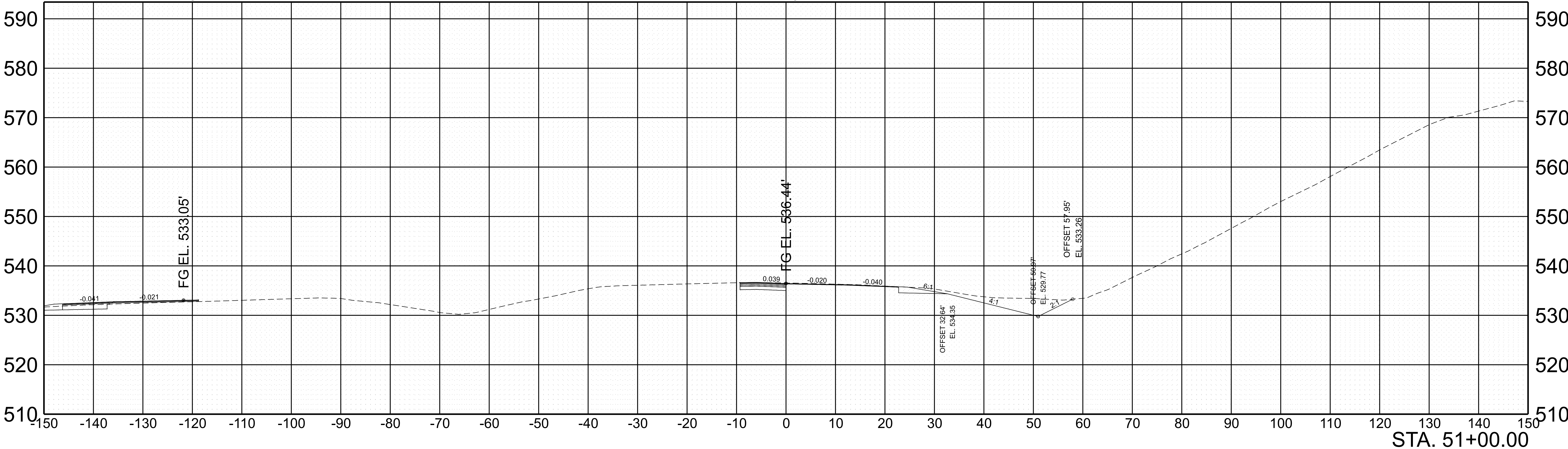
SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 50+50.00
END STA. 50+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	162

Ramp A

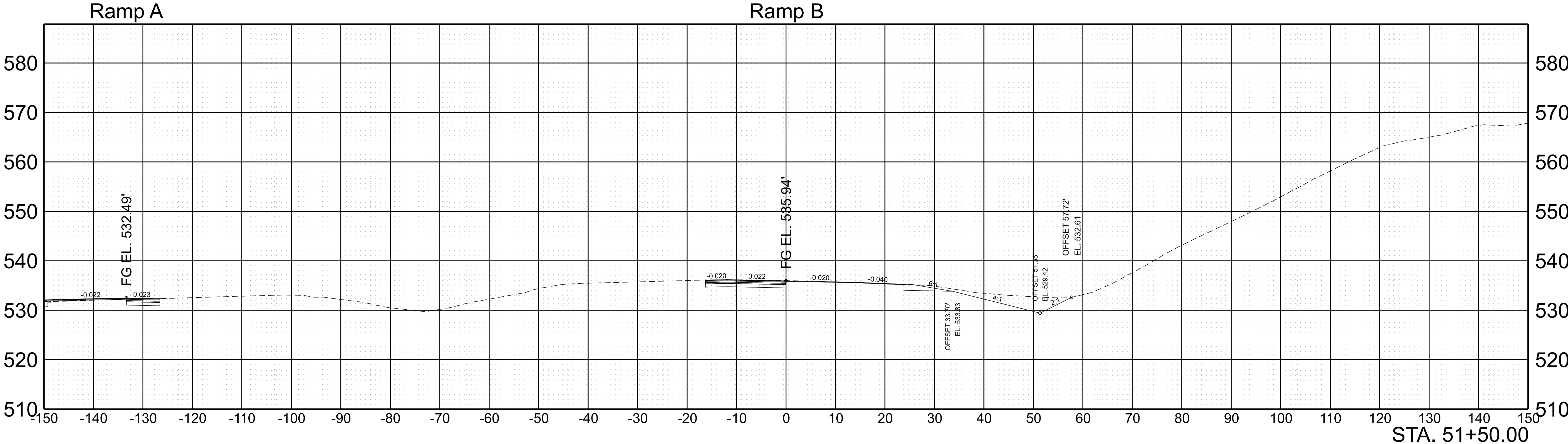
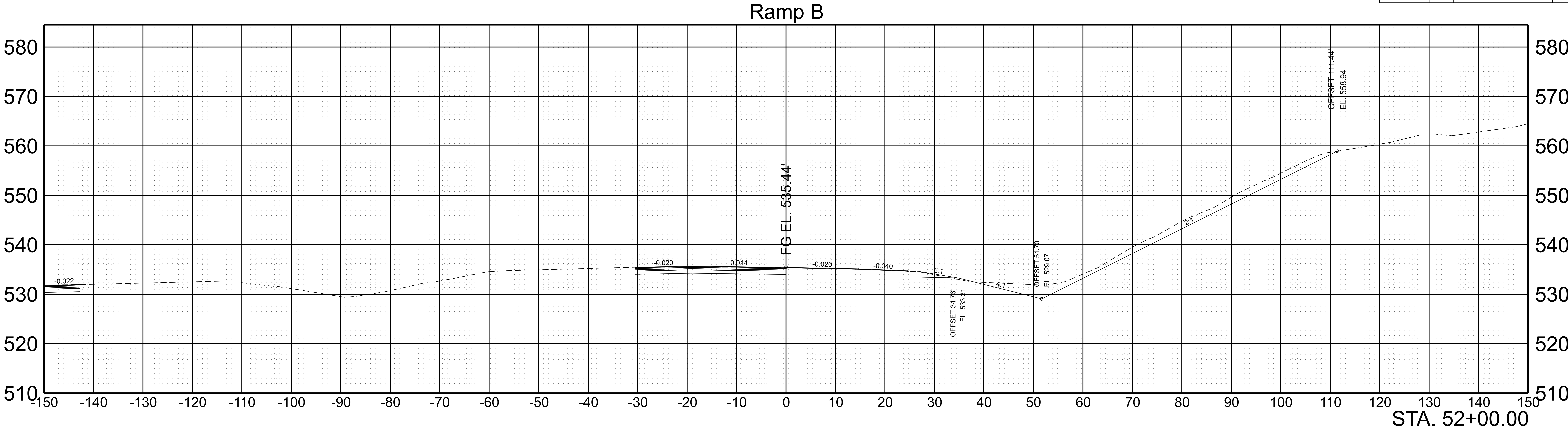
Ramp B



STA. 51+00.00

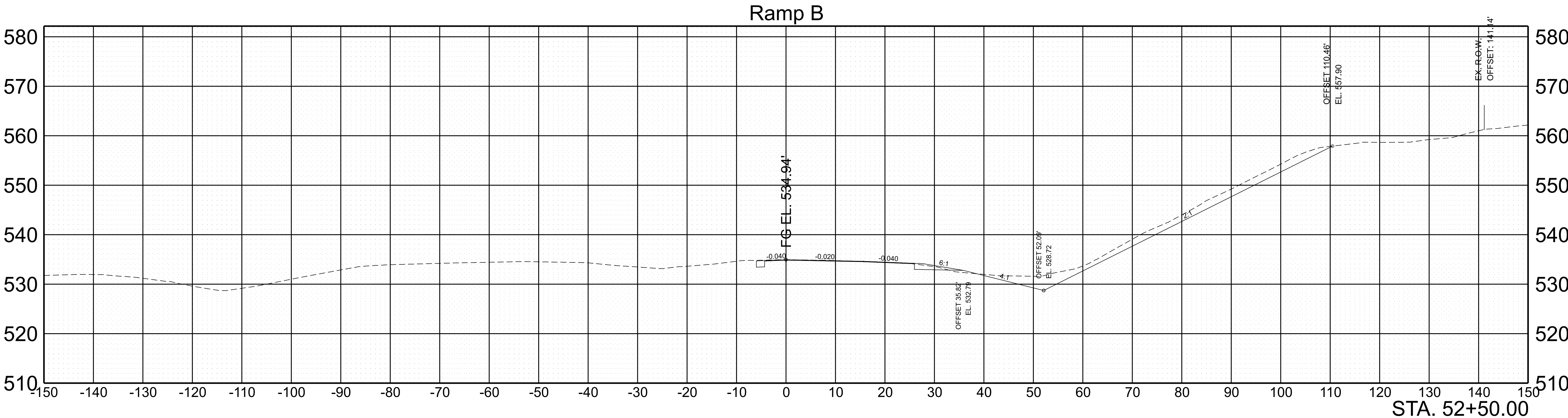
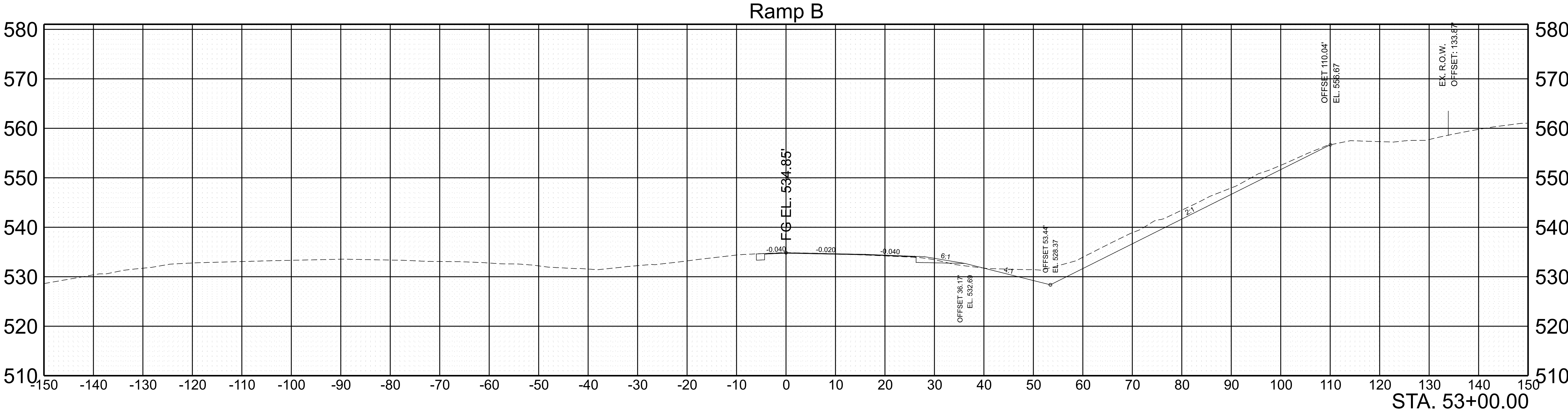
SCALE: 1"=10' HORIZ.	BEGIN STA. 51+00.00
1"=10' VERT.	END STA. 51+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	163



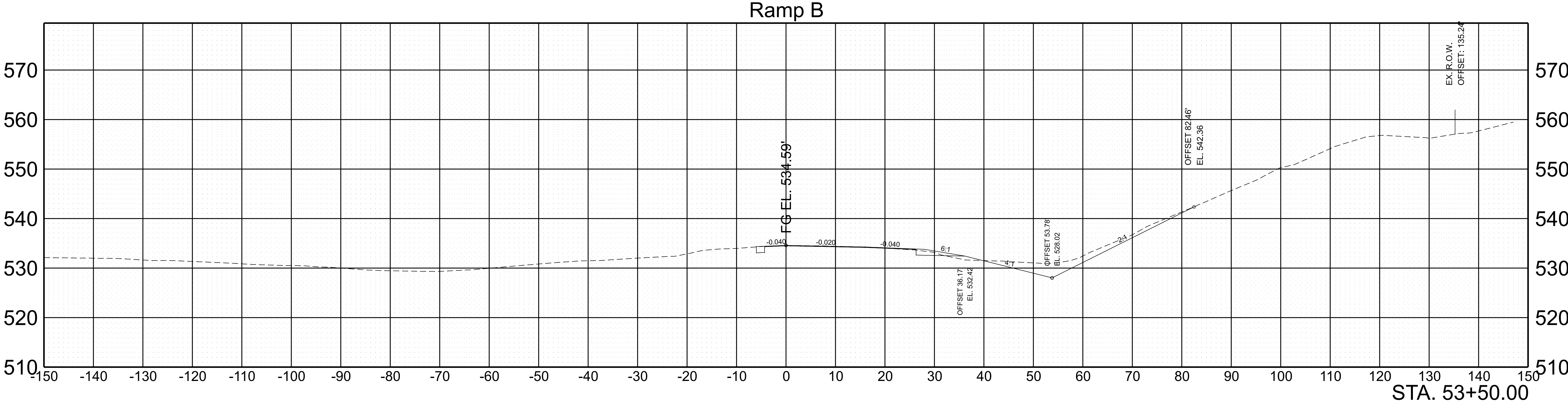
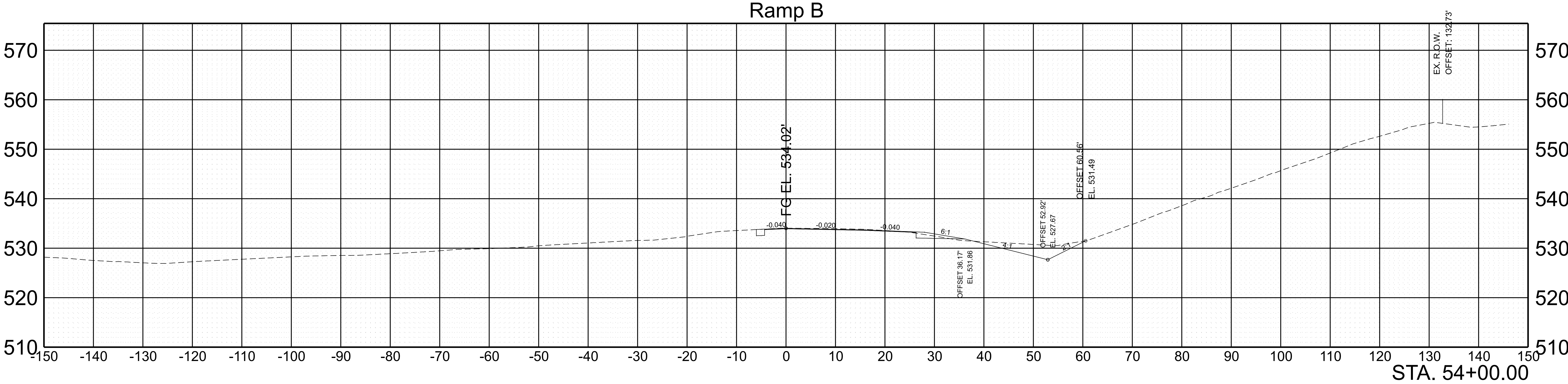
SCALE:	1"=10' HORIZ.	BEGIN STA. 51+50.00
	1"=10' VERT.	END STA. 52+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	164



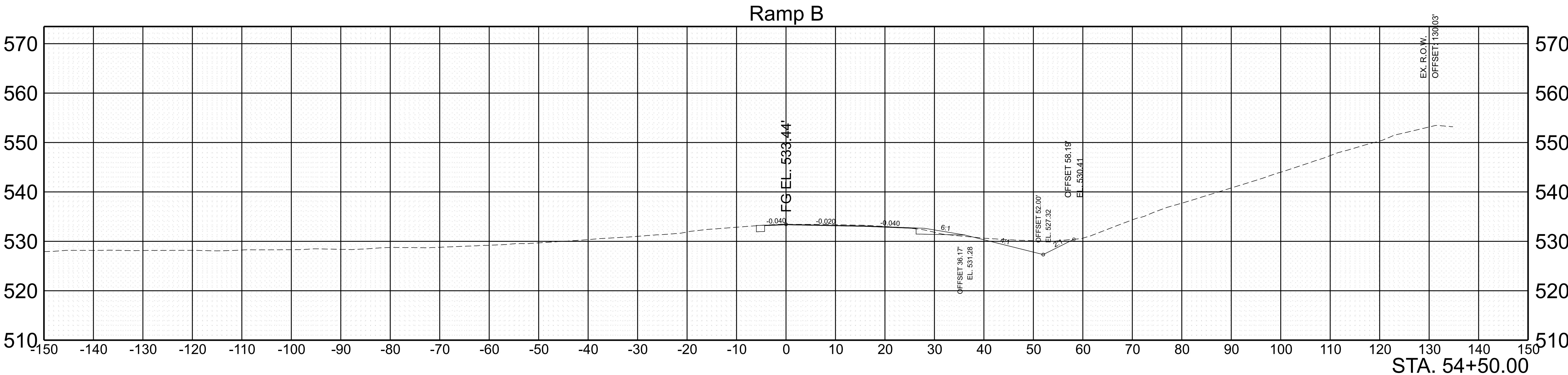
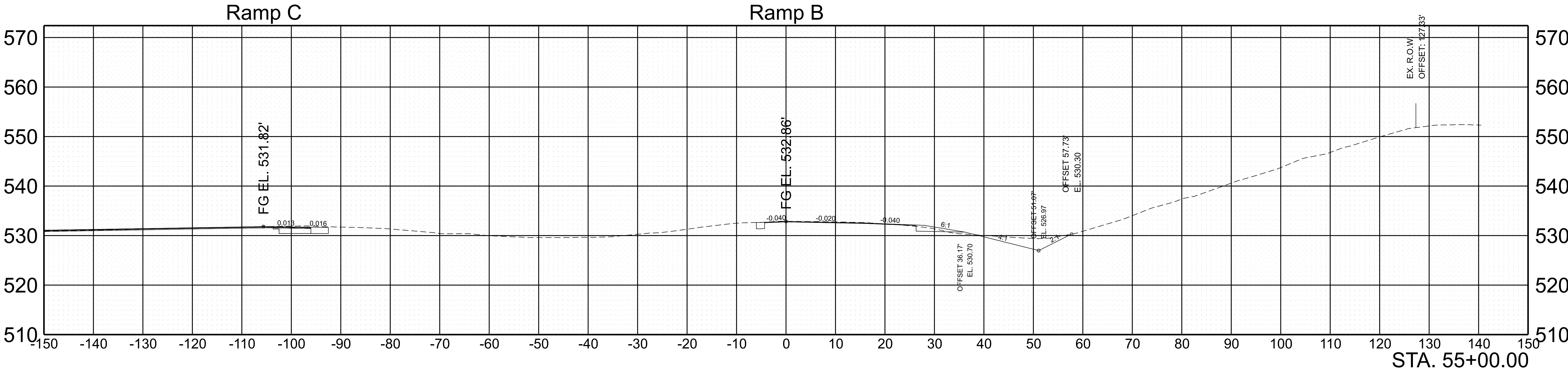
SCALE:	1"=10' HORIZ.	BEGIN STA. 52+50.00
	1"=10' VERT.	END STA. 53+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	165



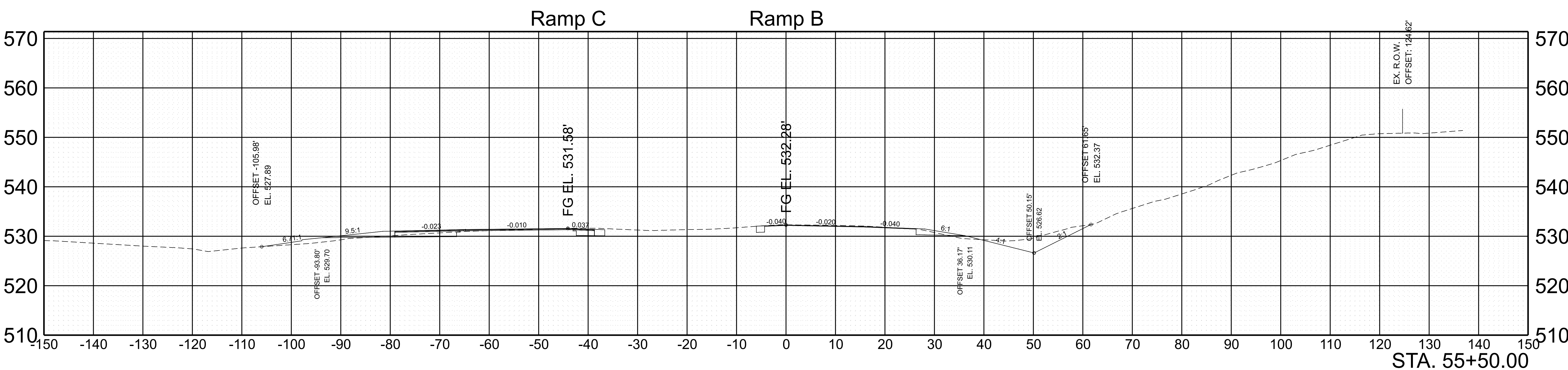
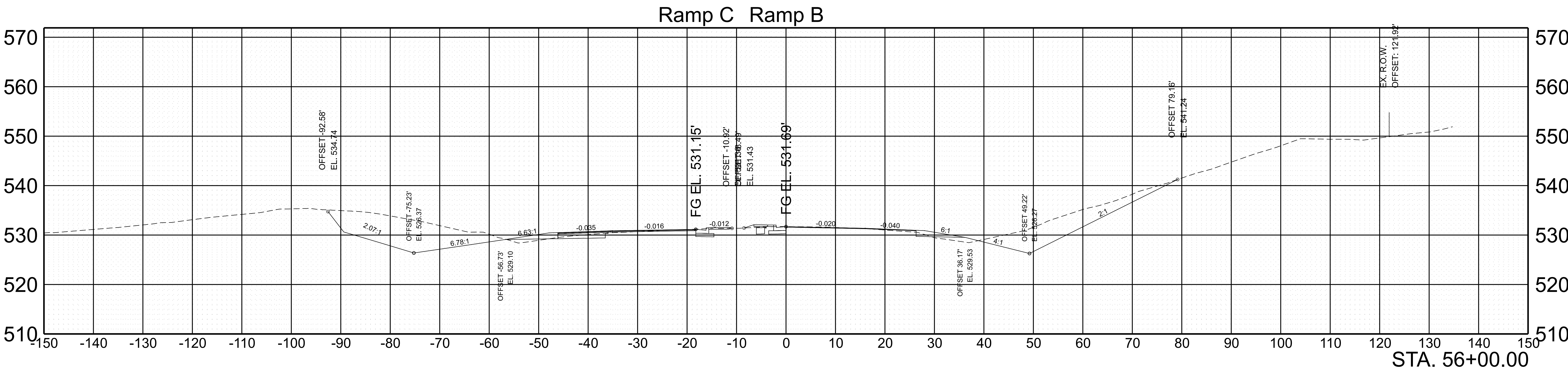
SCALE: 1"=10' HORIZ.	BEGIN STA. 53+50.00
1"=10' VERT.	END STA. 54+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	166



SCALE:	1"=10' HORIZ.	BEGIN STA. 54+50.00
	1"=10' VERT.	END STA. 55+00.00

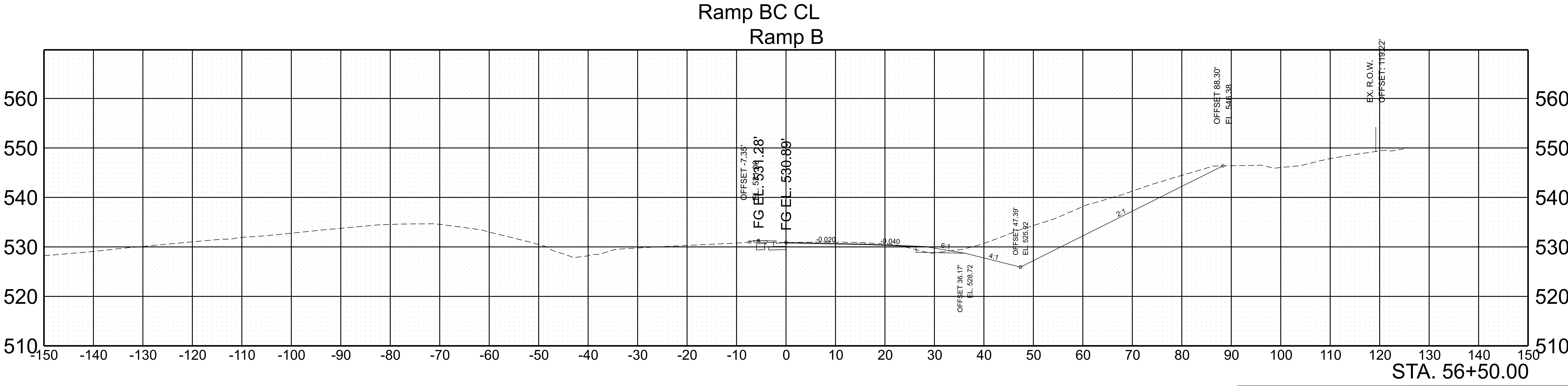
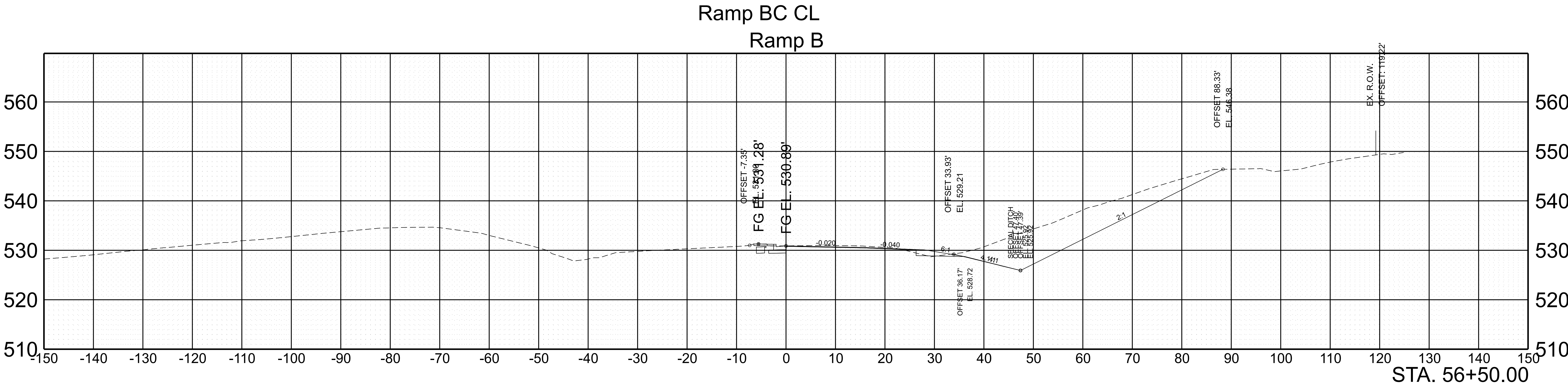
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	167



SCALE: 1"=10' HORIZ.
1"=10' VERT.

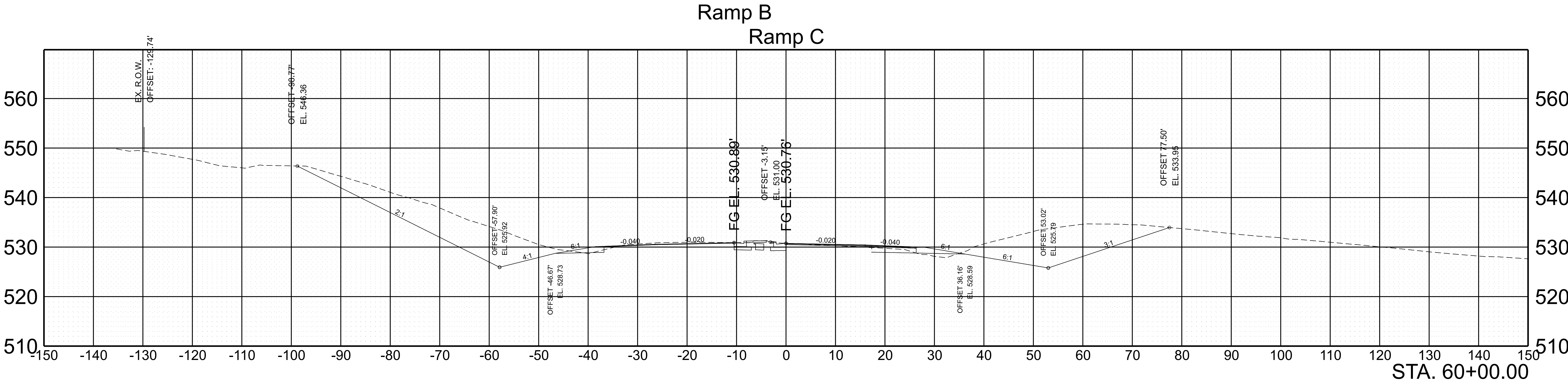
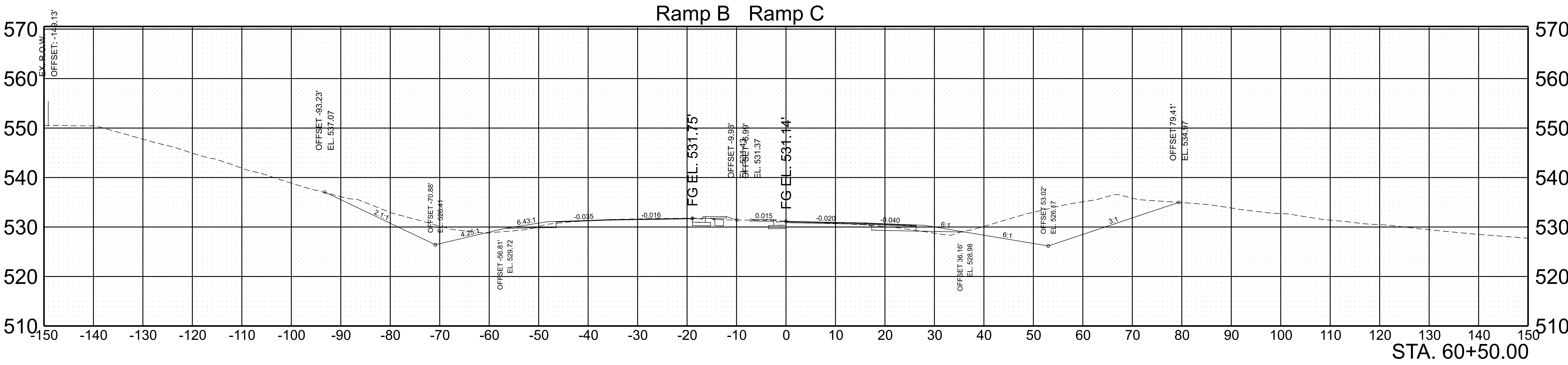
BEGIN STA. 55+50.00
END STA. 56+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	168



SCALE: 1"=10' HORIZ. 1"=10' VERT.	BEGIN STA. 56+50.00 END STA. 56+50.00
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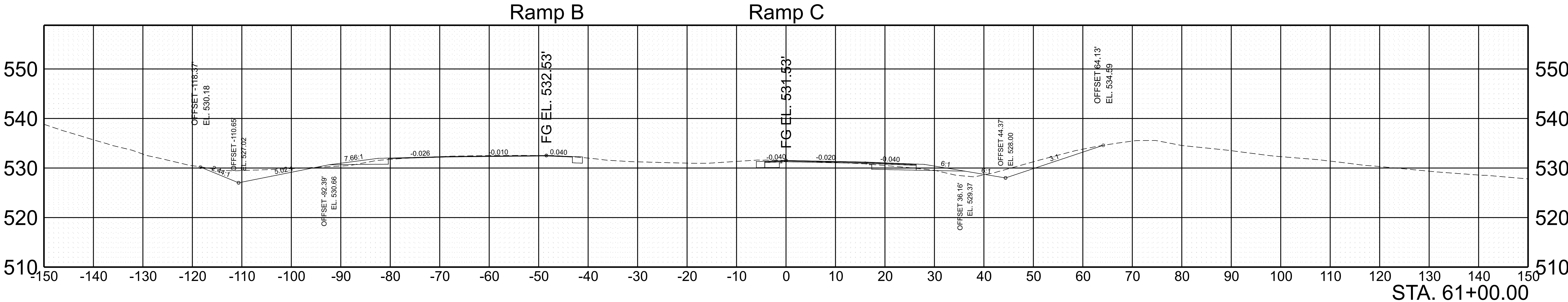
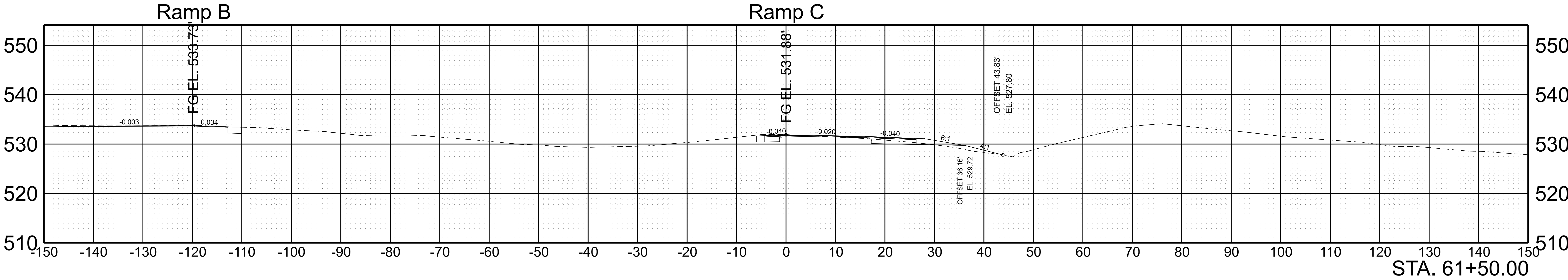
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	169



SCALE: 1"=10' HORIZ.
1"=10' VERT.

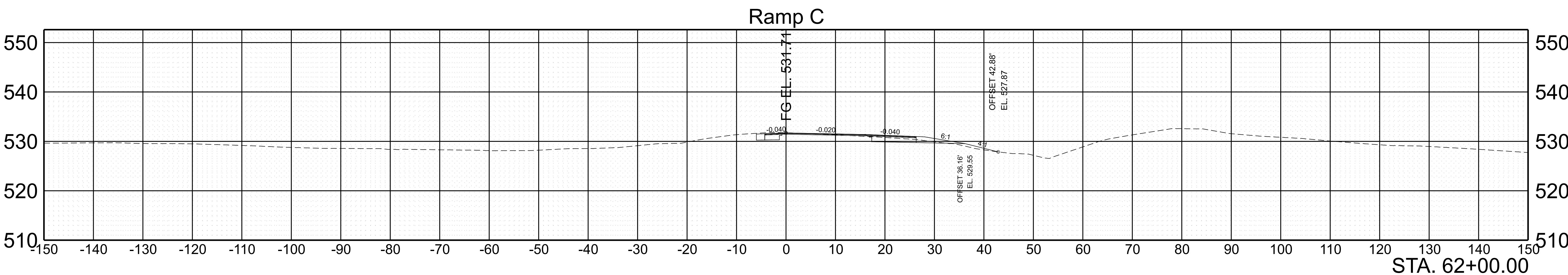
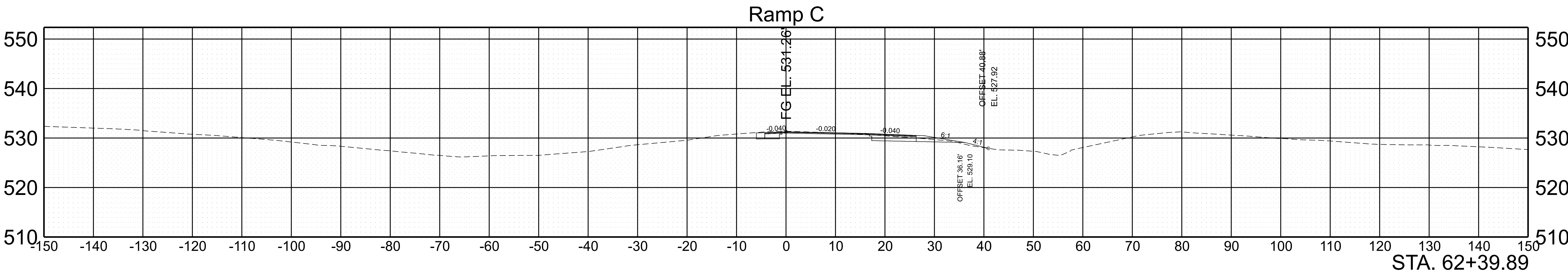
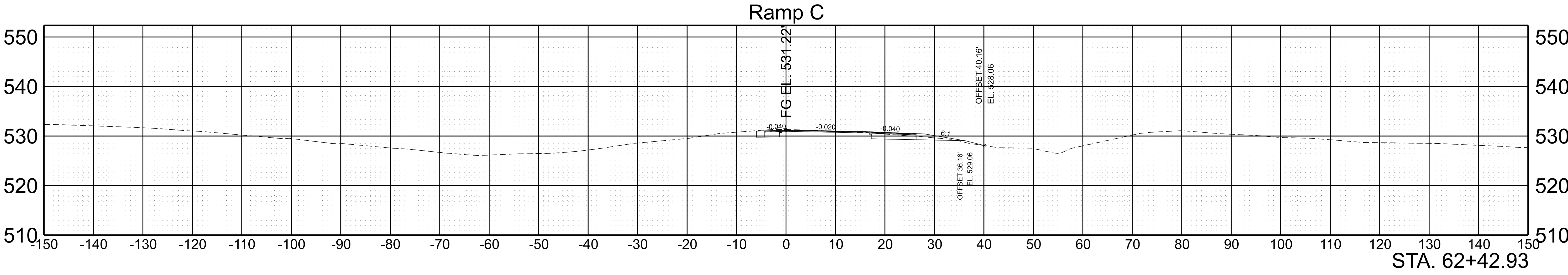
BEGIN STA. 60+00.00
END STA. 60+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	170



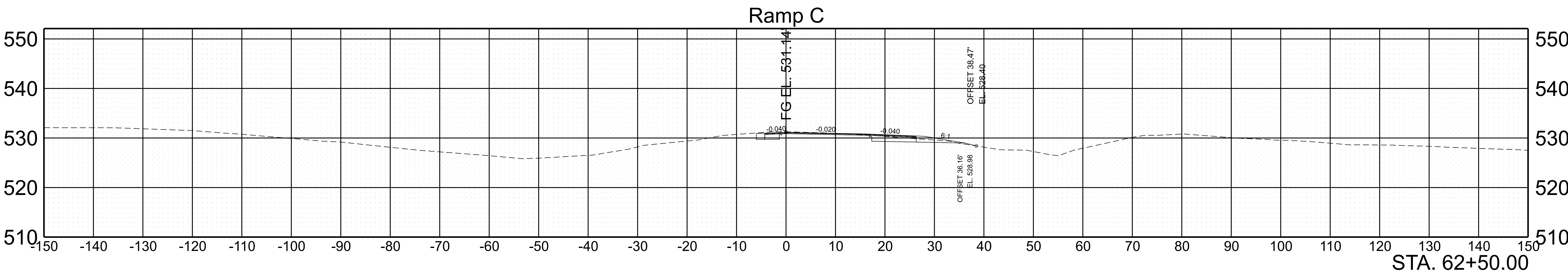
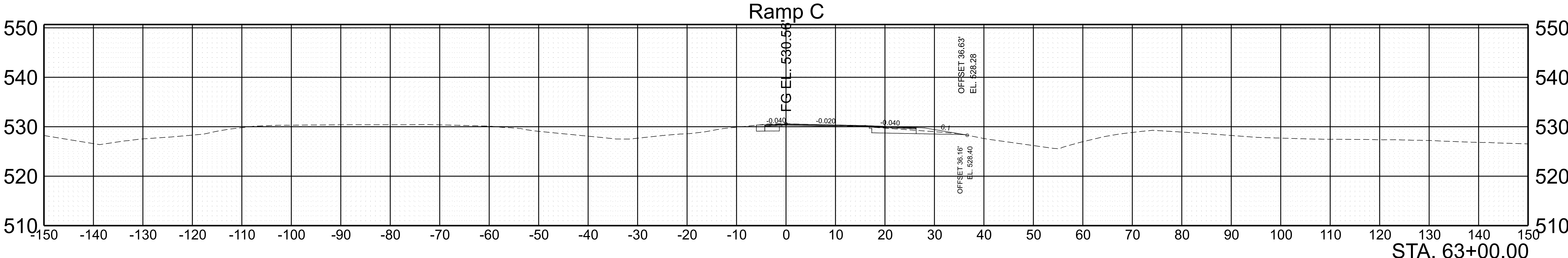
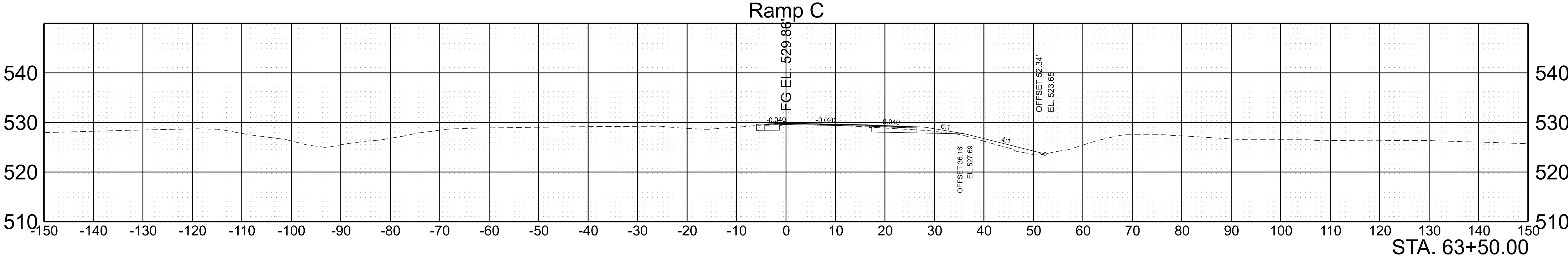
SCALE:	1"=10' HORIZ.	BEGIN STA. 61+00.00
	1"=10' VERT.	END STA. 61+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	171



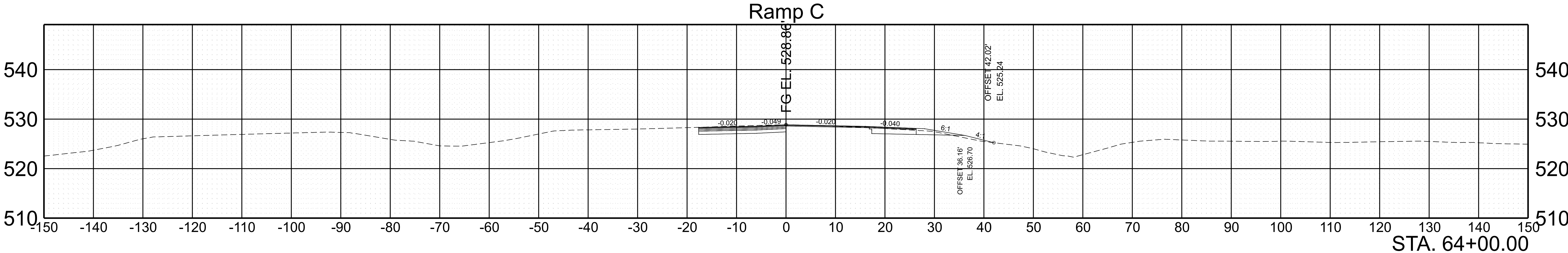
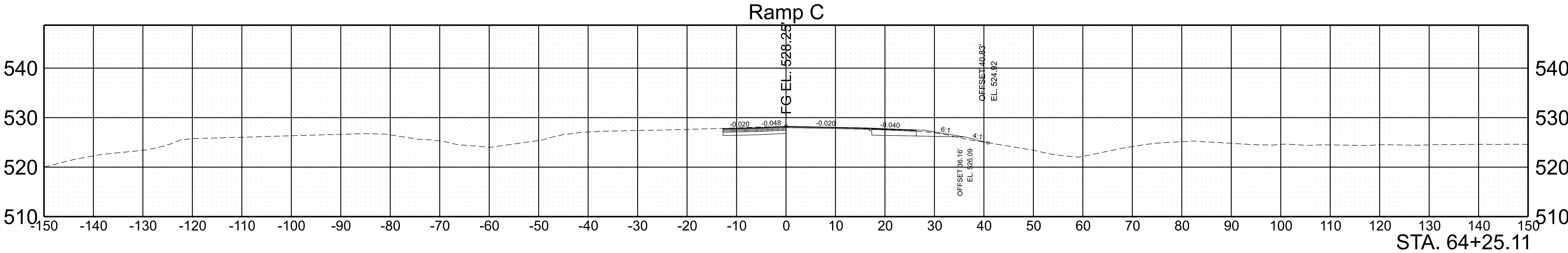
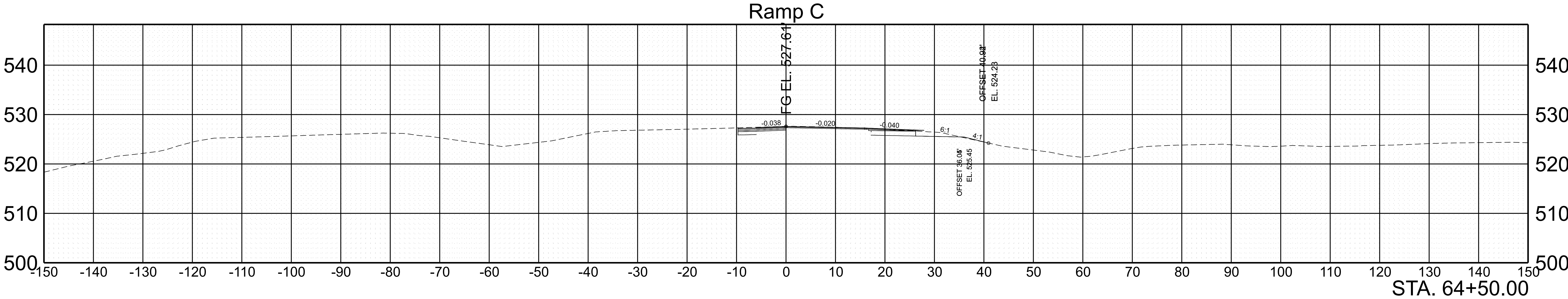
SCALE:	1"=10' HORIZ.	BEGIN STA. 62+00.00
	1"=10' VERT.	END STA. 62+42.93

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	172



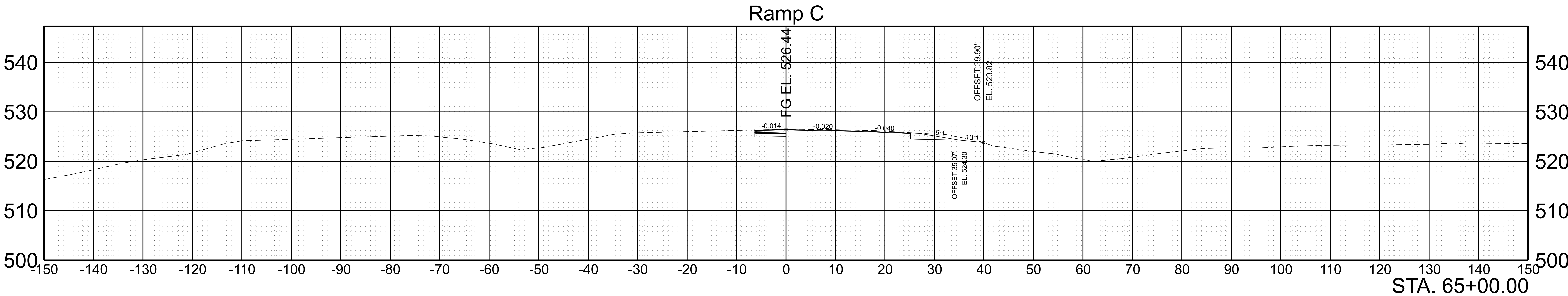
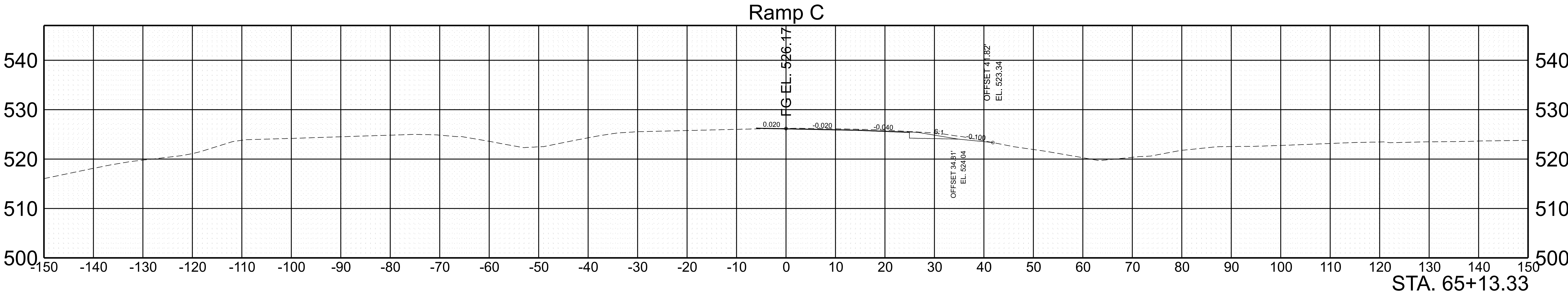
SCALE:	1"=10' HORIZ.	BEGIN STA. 62+50.00
	1"=10' VERT.	END STA. 63+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	173



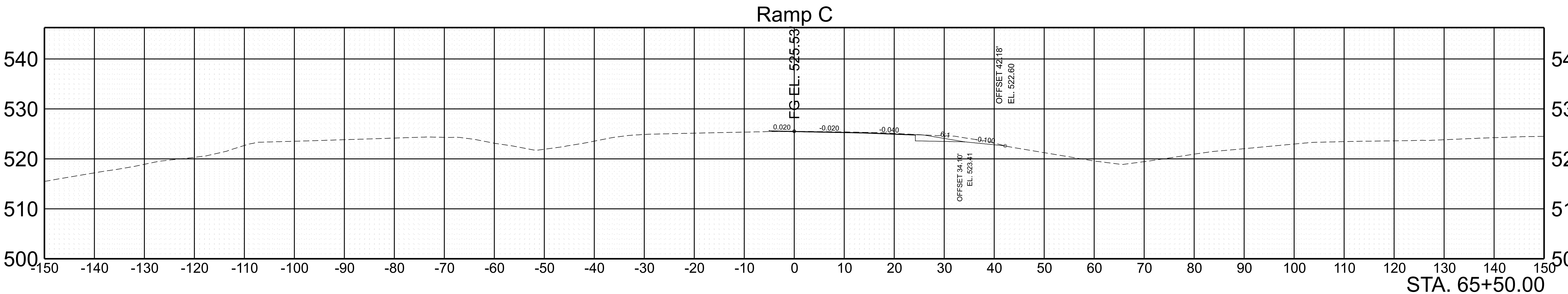
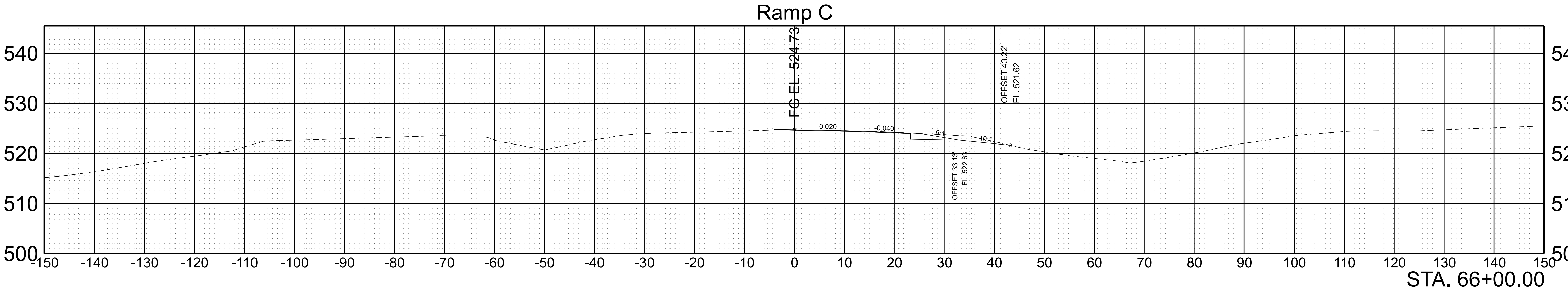
SCALE:	1"=10' HORIZ.	BEGIN STA. 64+00.00
	1"=10' VERT.	END STA. 64+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	174



SCALE:	1"=10' HORIZ.	BEGIN STA. 65+00.00
	1"=10' VERT.	END STA. 65+13.33

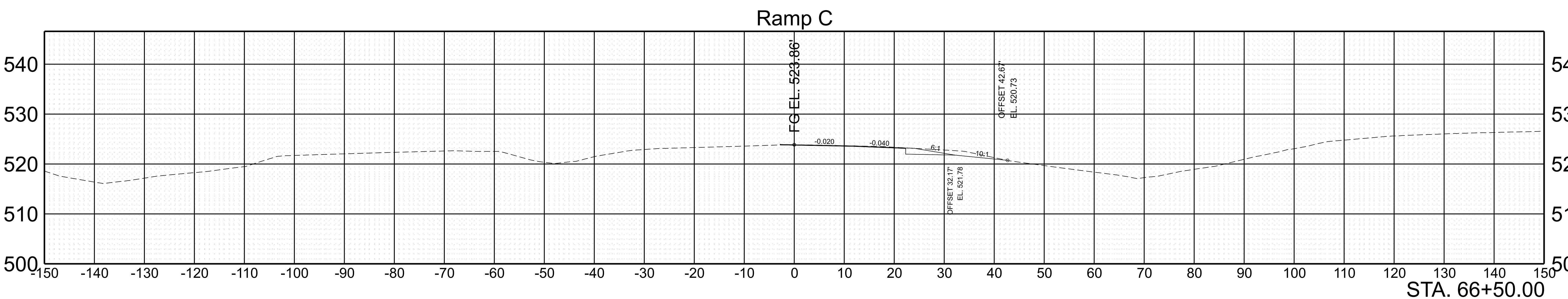
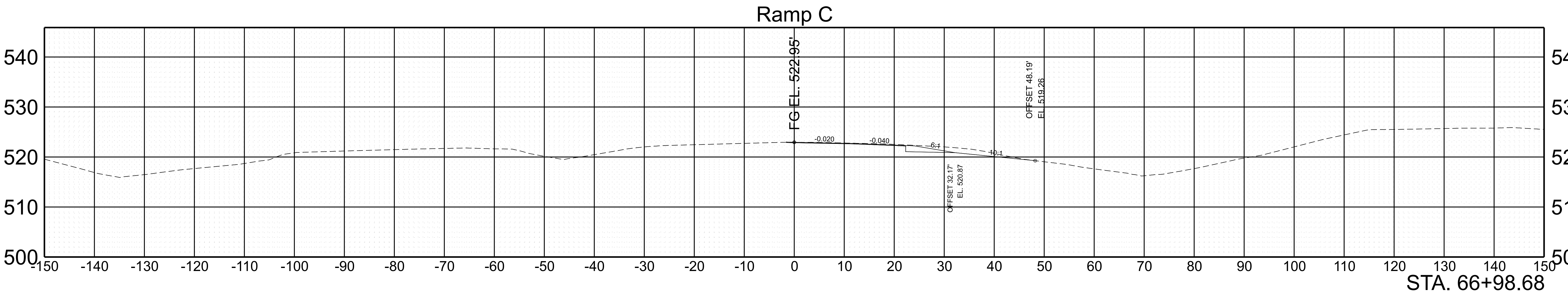
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	175



SCALE:	1"=10' HORIZ.	BEGIN STA. 65+50.00
	1"=10' VERT.	END STA. 66+00.00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	176

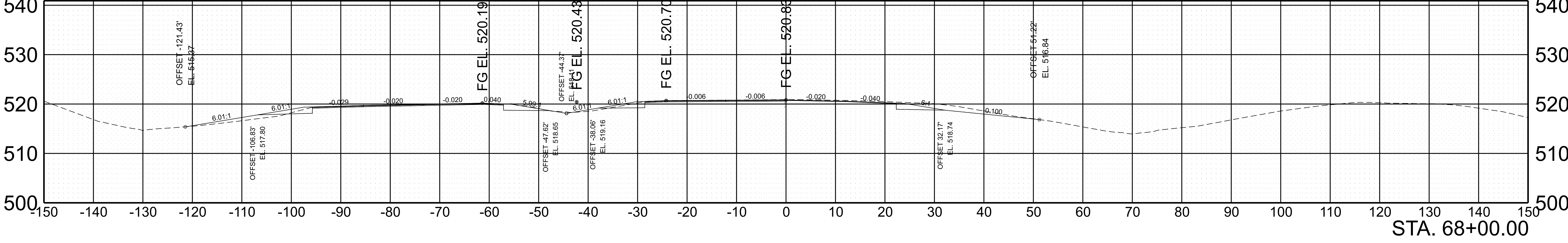


SCALE: 1"=10' HORIZ.
1"=10' VERT.

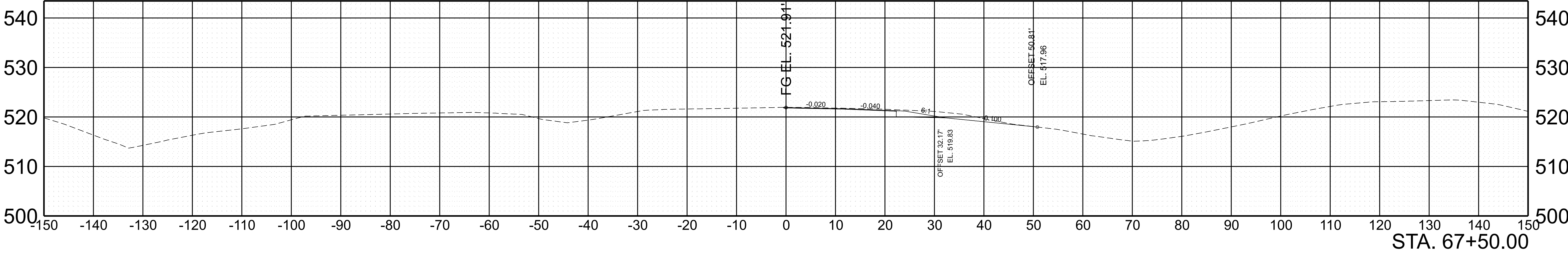
BEGIN STA. 66+50.00
END STA. 66+98.68

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	177

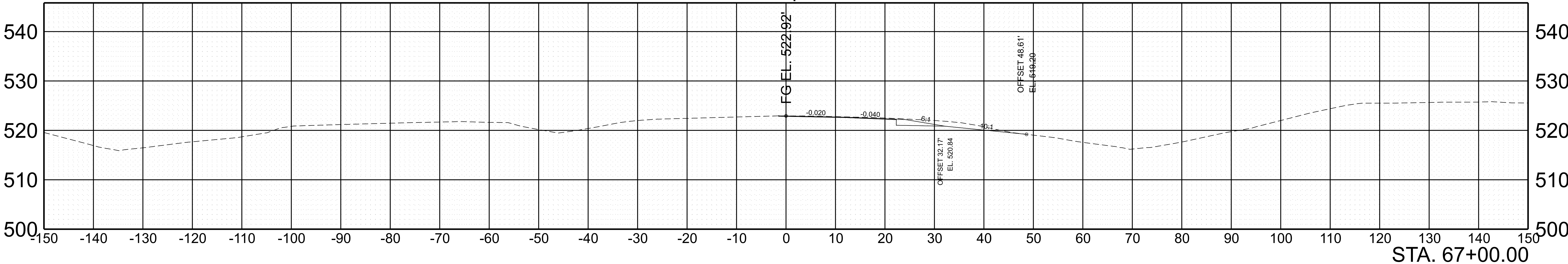
I-40 WB I-40 CL I-40 EB Ramp C



Ramp C



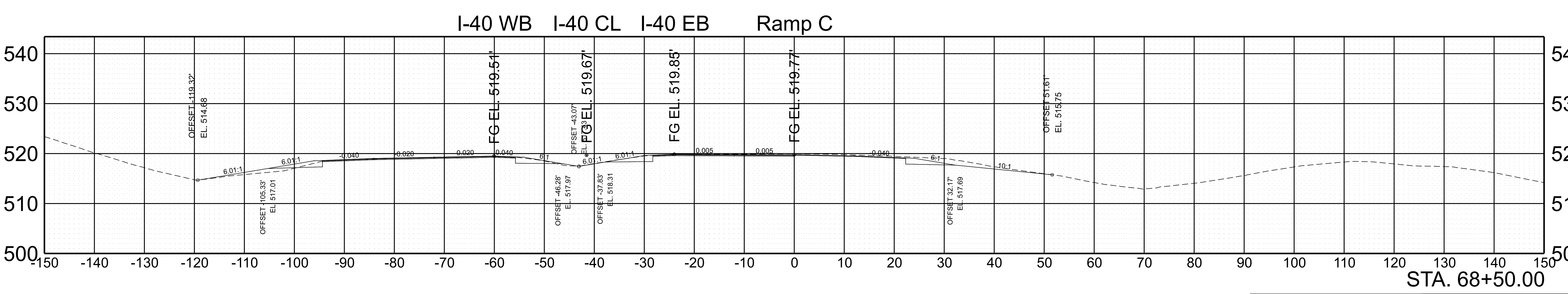
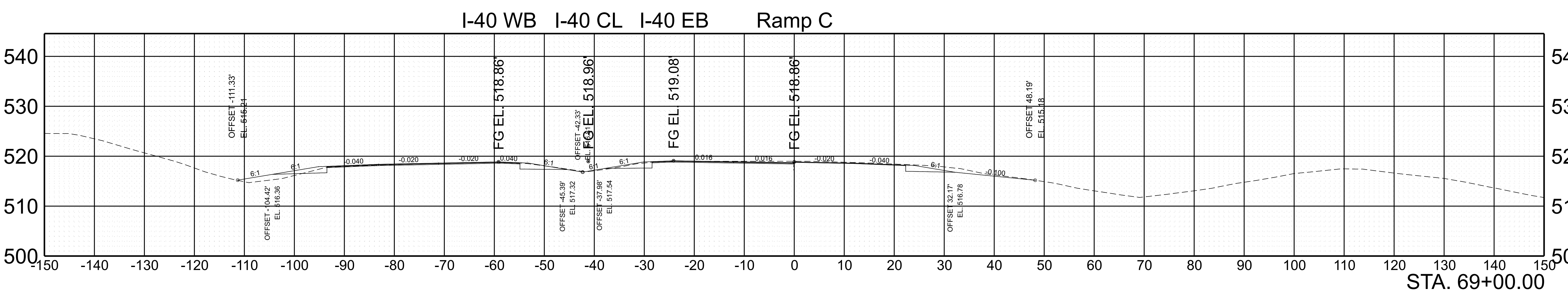
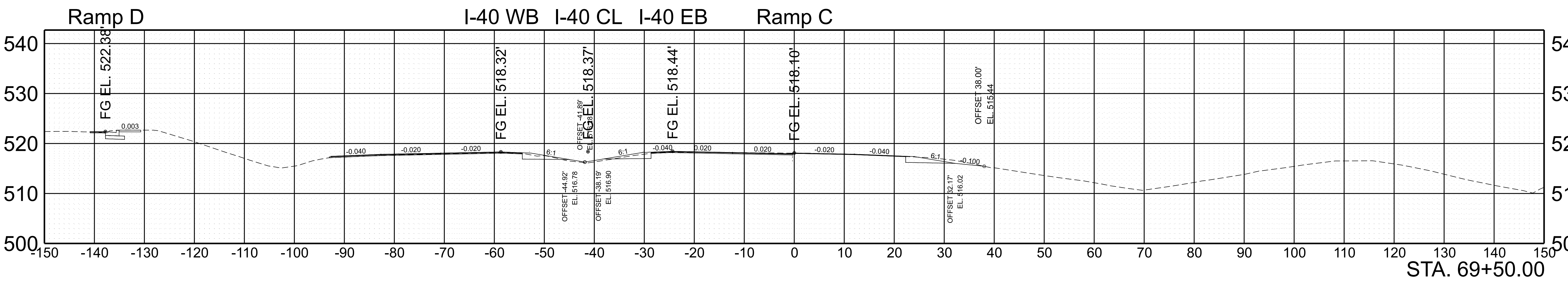
Ramp C



SCALE: 1"=10' HORIZ.
1"=10' VERT.

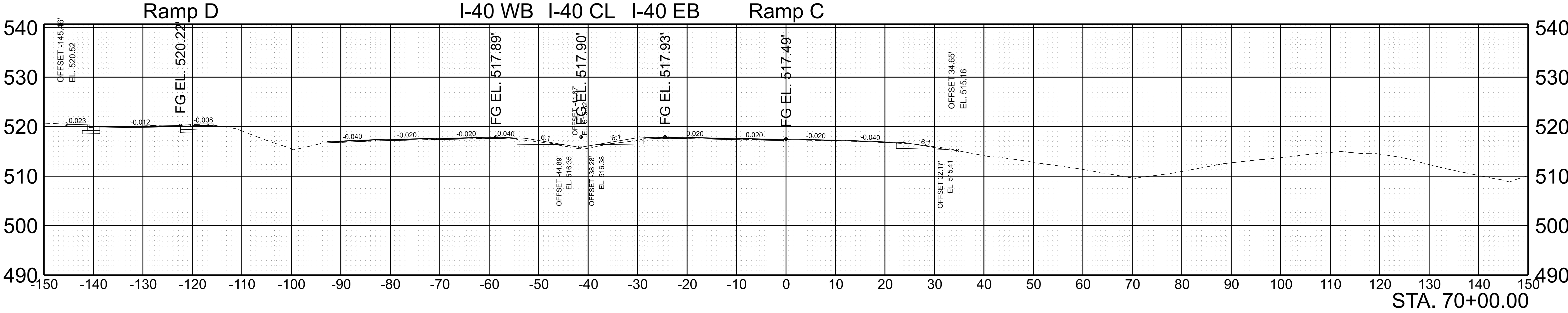
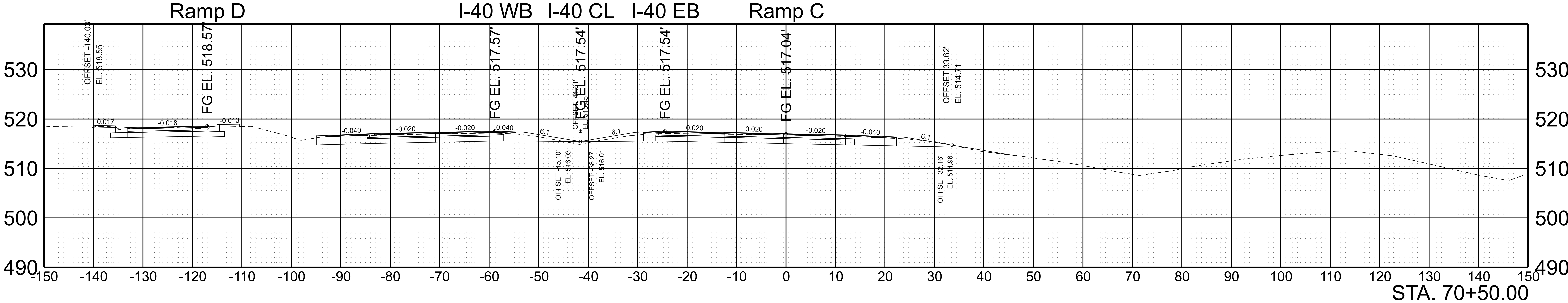
BEGIN STA. 67+00.00
END STA. 68+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	178



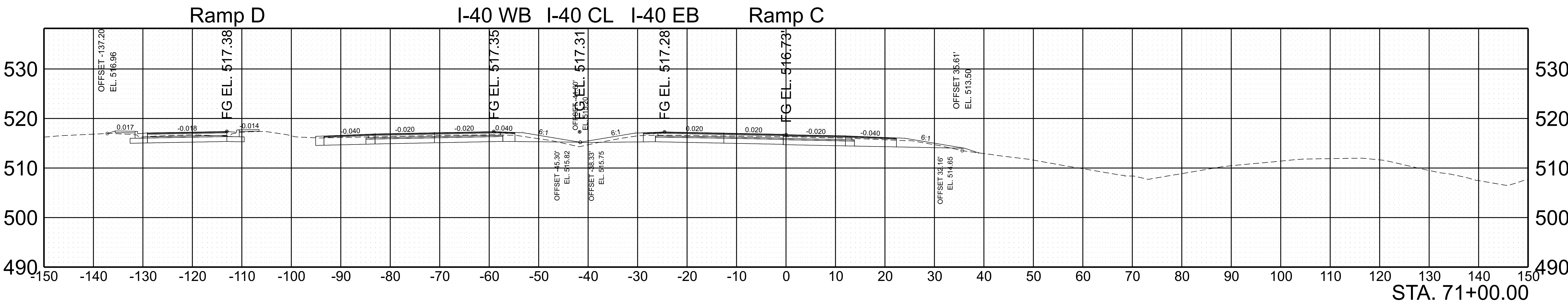
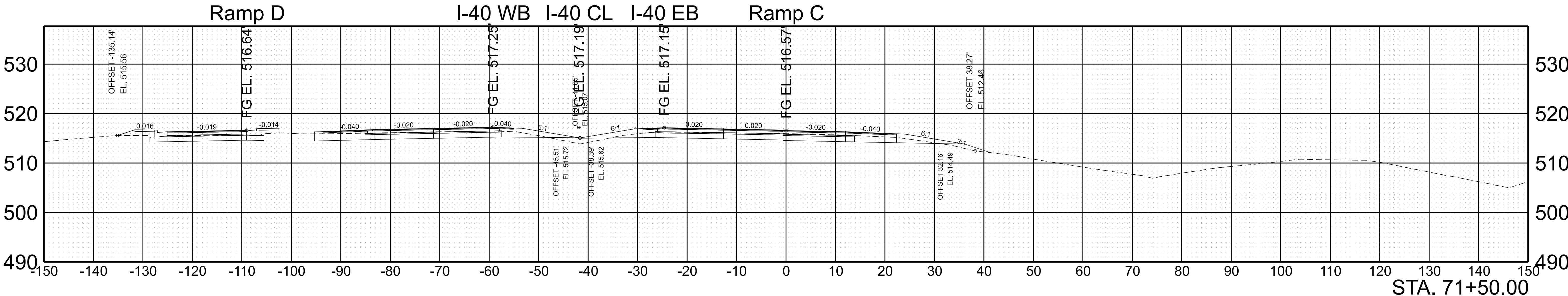
SCALE:	1"=10' HORIZ.	BEGIN STA. 68+50.00
	1"=10' VERT.	END STA. 69+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	179



SCALE: 1"=10' HORIZ.	BEGIN STA. 70+00.00
1"=10' VERT.	END STA. 70+50.00

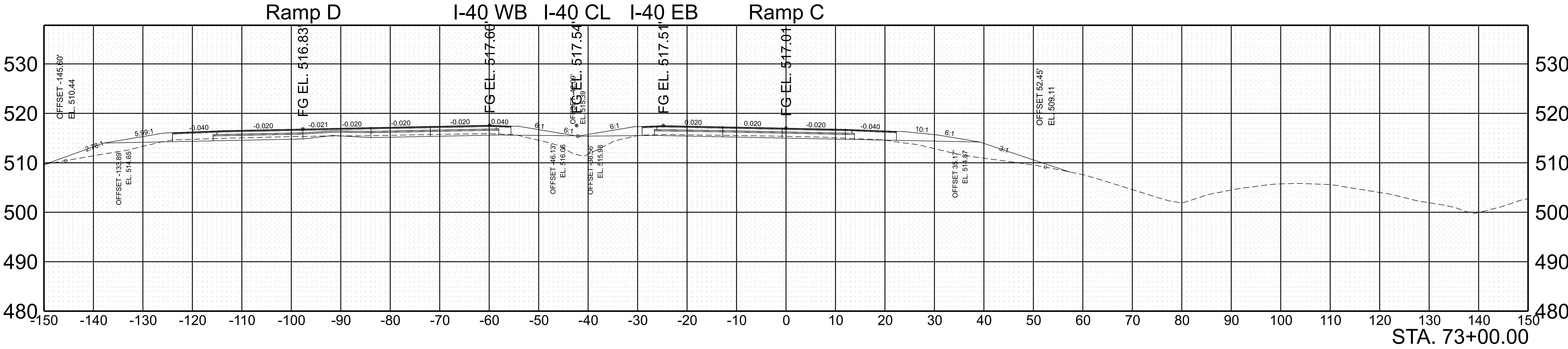
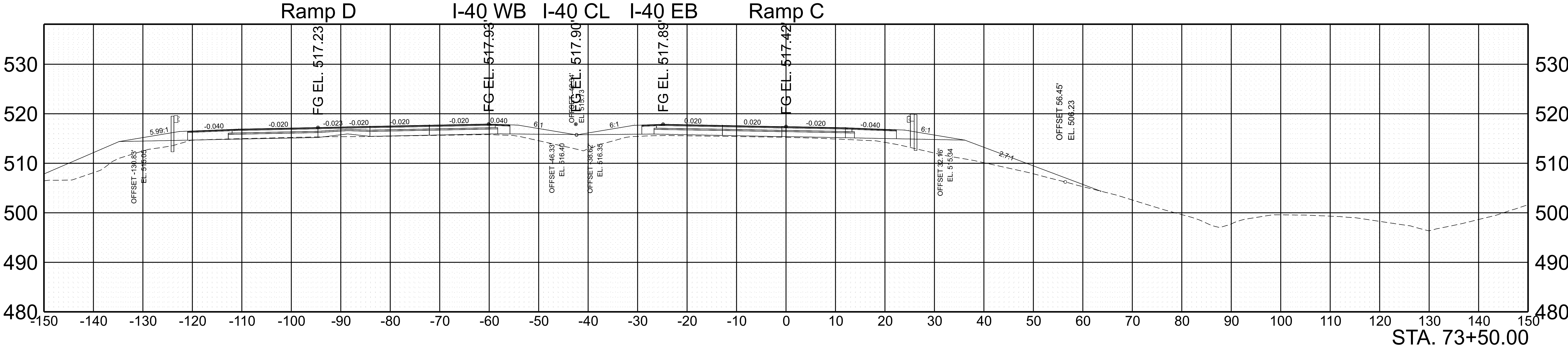
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	180



SCALE:	1"=10' HORIZ.	BEGIN STA. 71+00.00
	1"=10' VERT.	END STA. 71+50.00

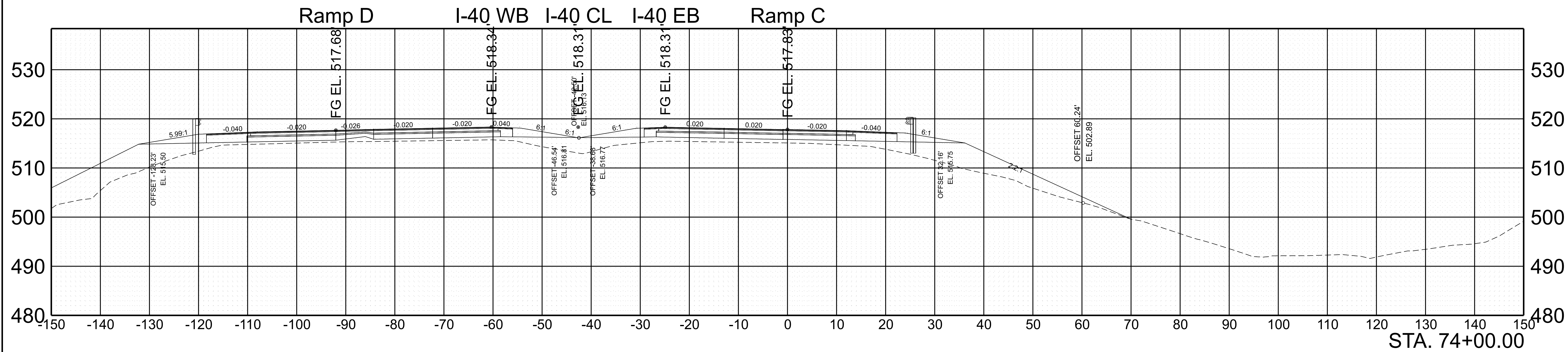
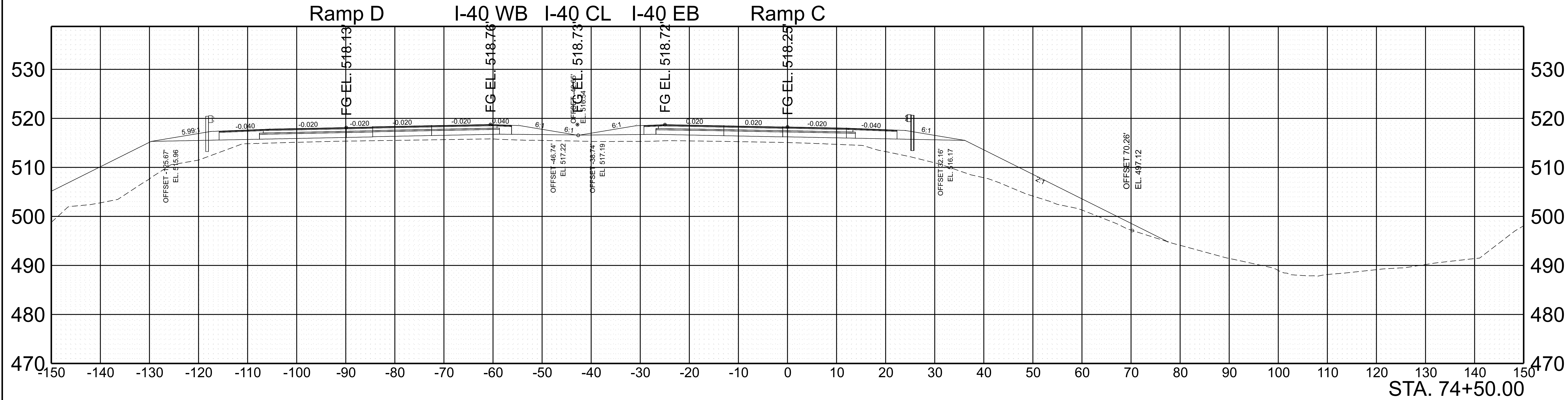
7/29/2025 5:19:00 PM G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-XS-RAMP C.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	182



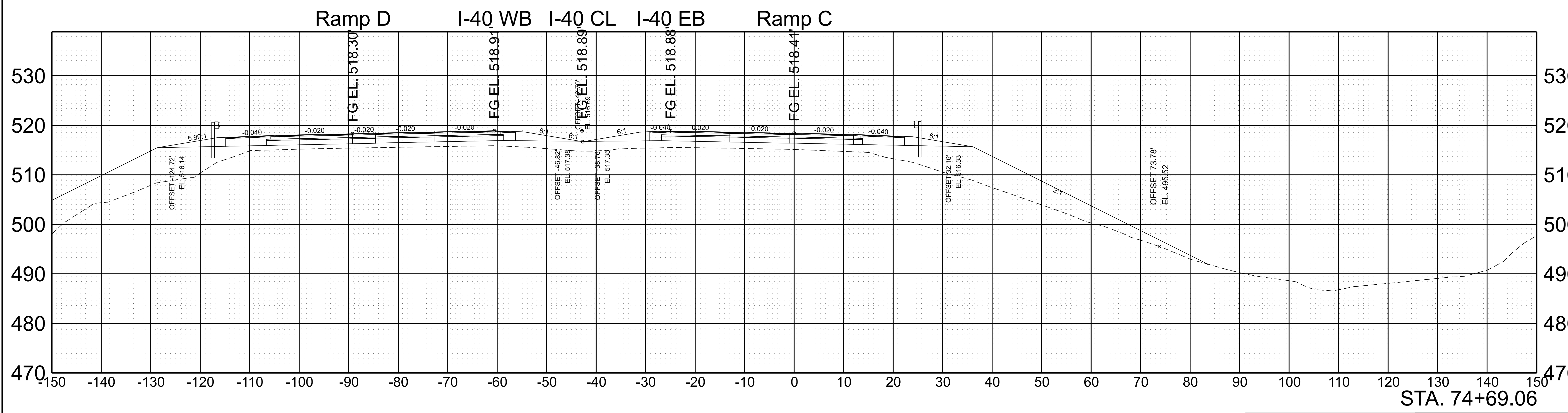
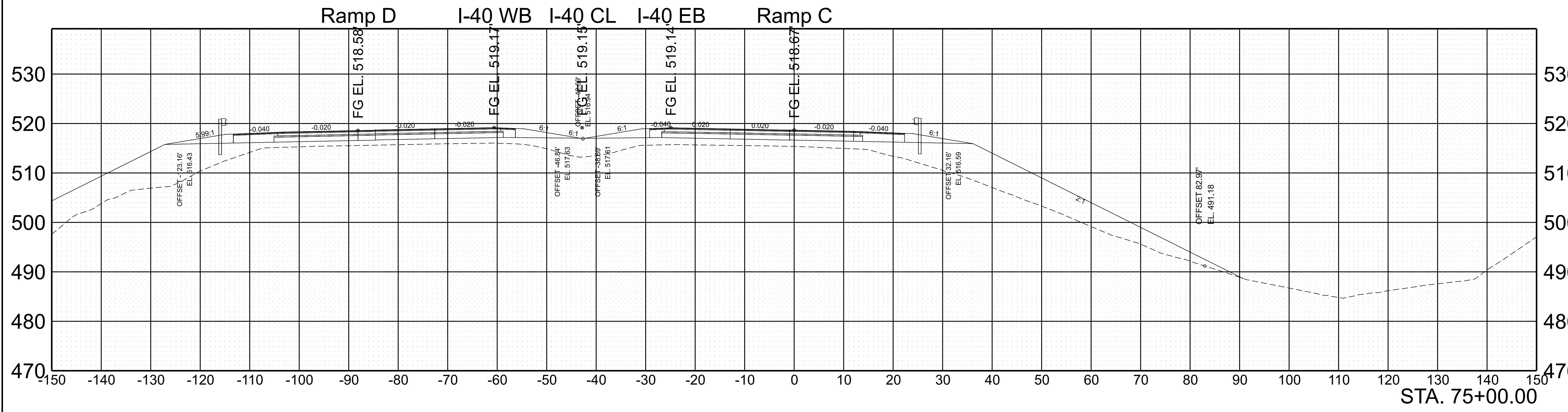
SCALE: 1"=10' HORIZ. 1"=10' VERT.	BEGIN STA. 73+00.00 END STA. 73+50.00
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	183



SCALE:	1"=10' HORIZ.	BEGIN STA. 74+00.00
	1"=10' VERT.	END STA. 74+50.00

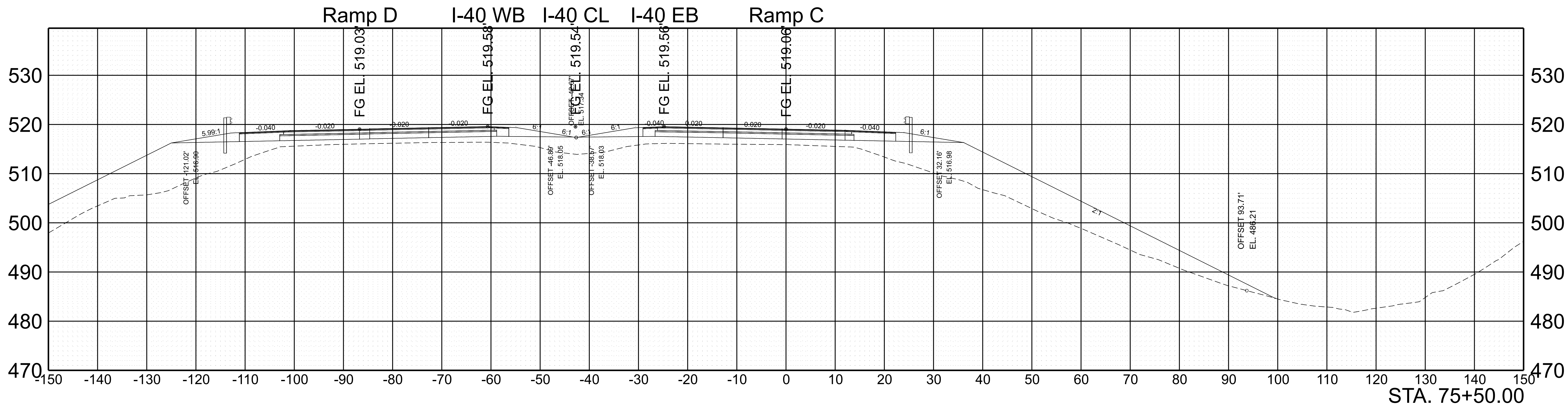
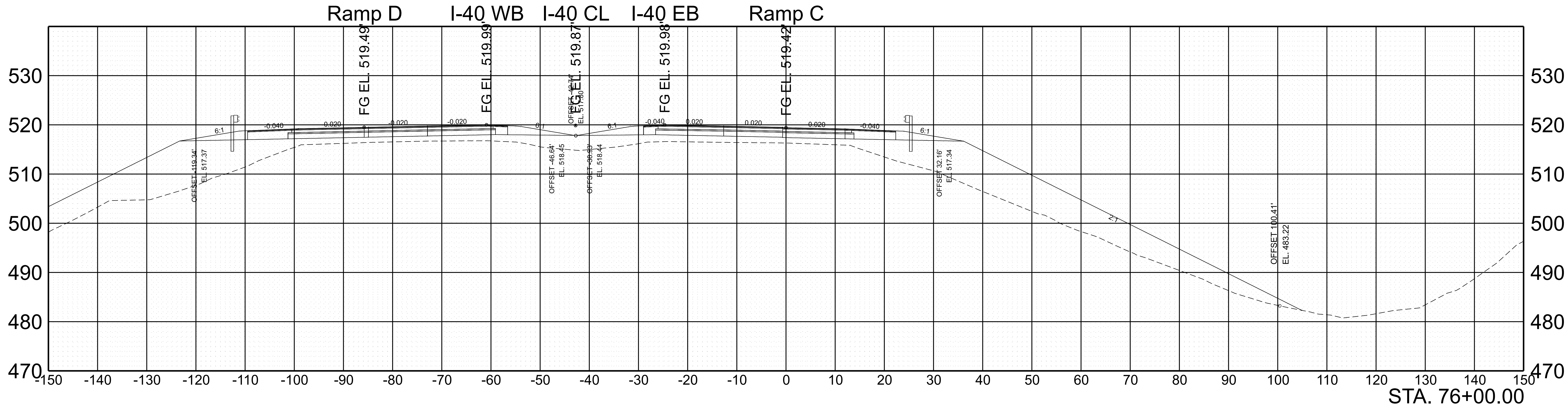
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	184



SCALE:	1"=10' HORIZ.	BEGIN STA. 74+69.06
	1"=10' VERT.	END STA. 75+00.00

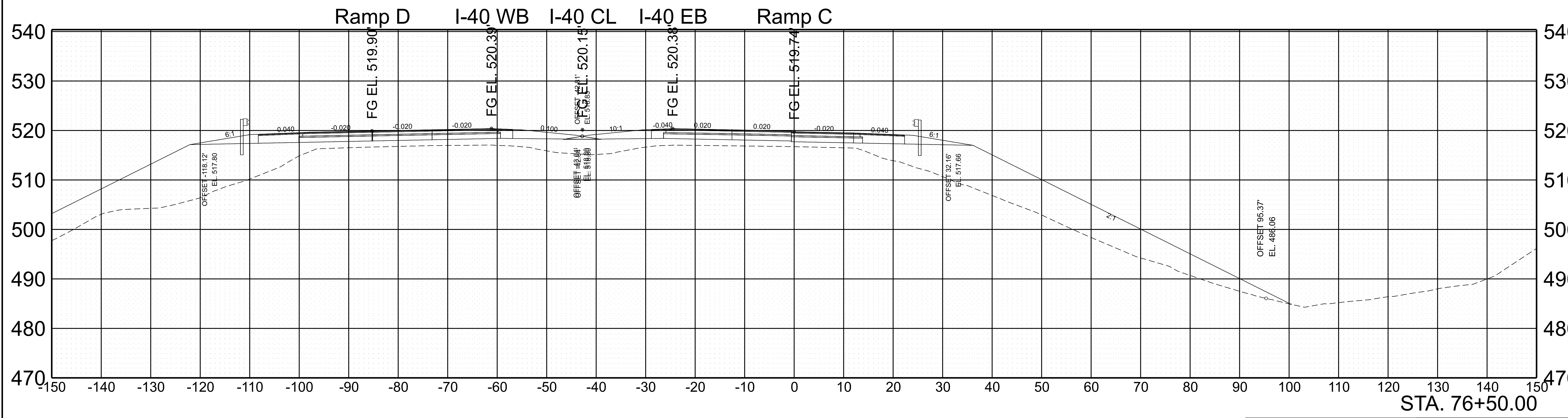
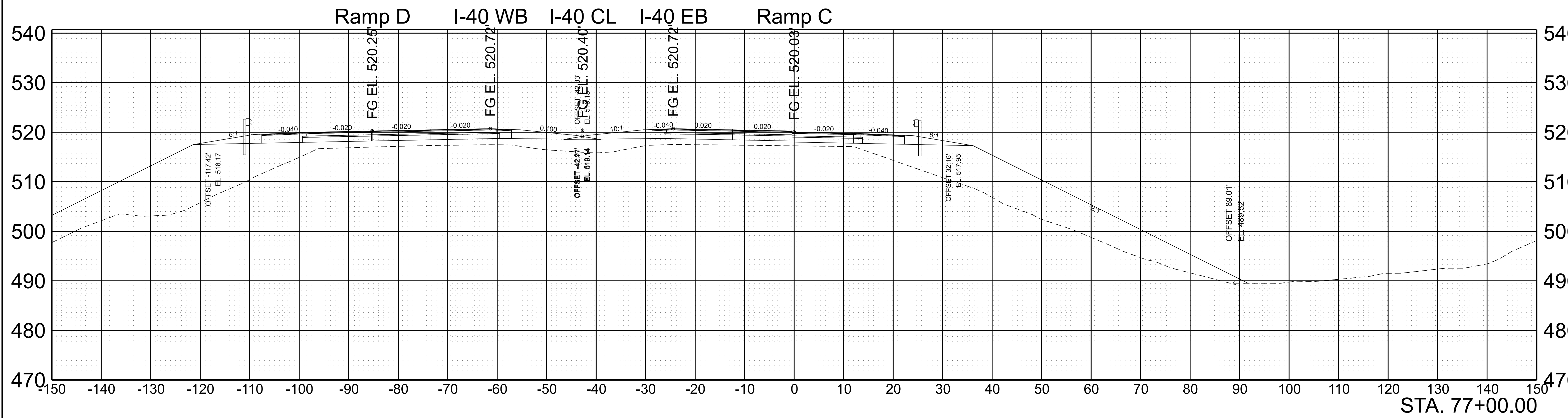
7/29/2025 5:19:12 PM G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH801040-SHT-XS-RAMP C.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	185



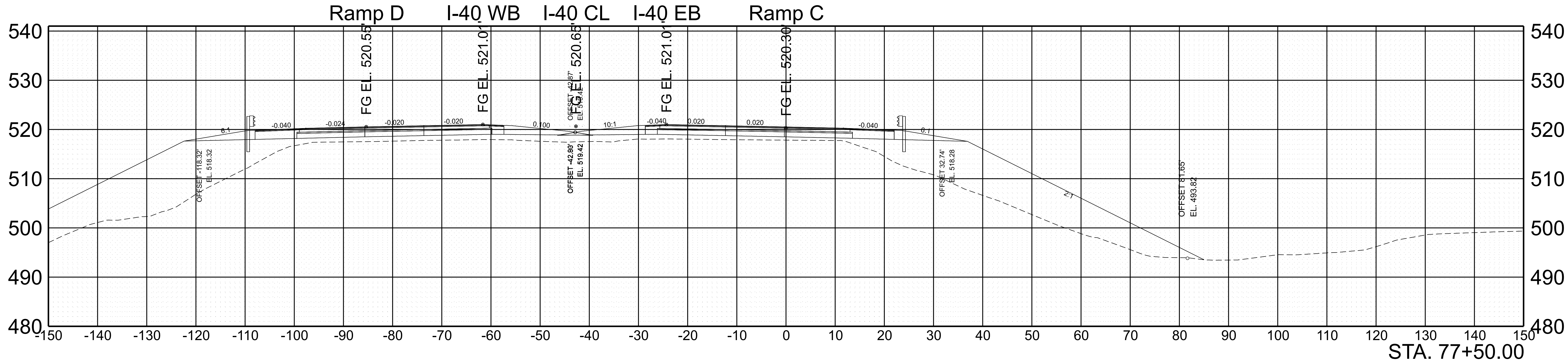
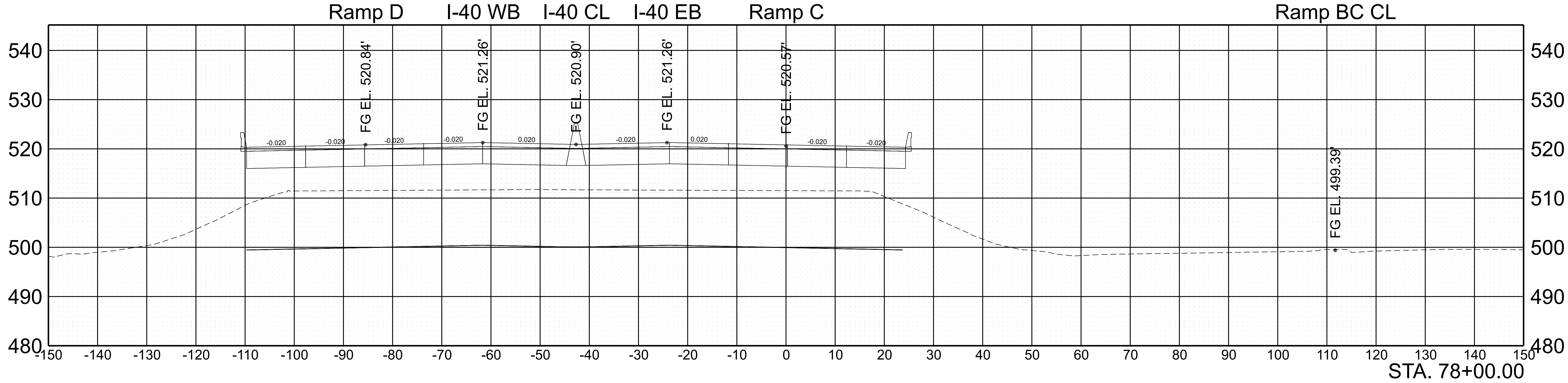
SCALE:	1"=10' HORIZ.	BEGIN STA. 75+50.00
	1"=10' VERT.	END STA. 76+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	186



SCALE:	1"=10' HORIZ.	BEGIN STA. 76+50.00
	1"=10' VERT.	END STA. 77+00.00

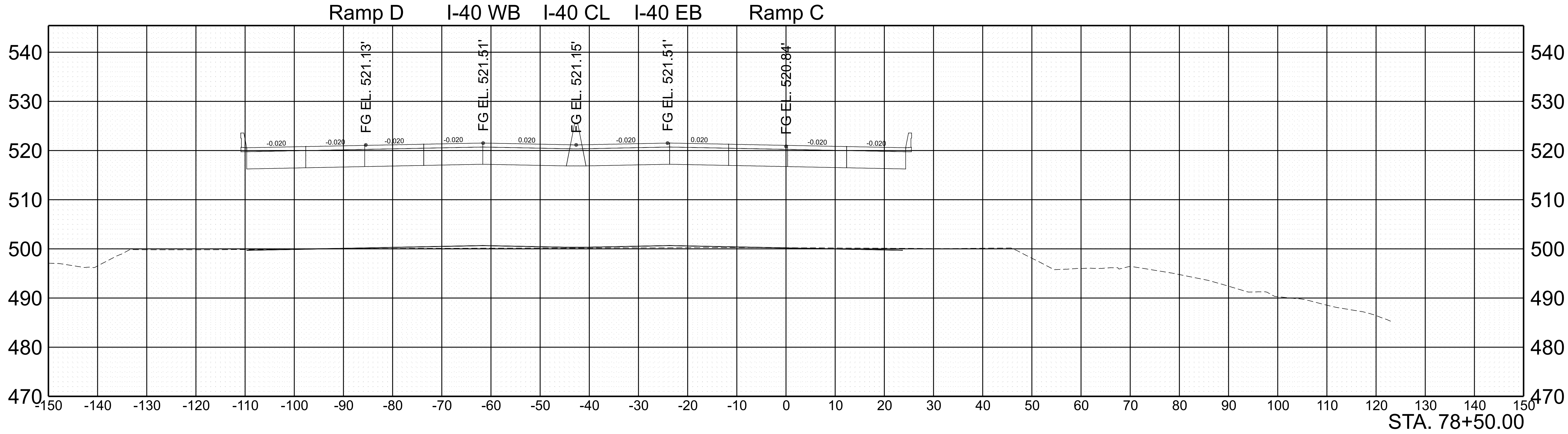
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	187



SCALE: 1"=10' HORIZ.
1"=10' VERT.

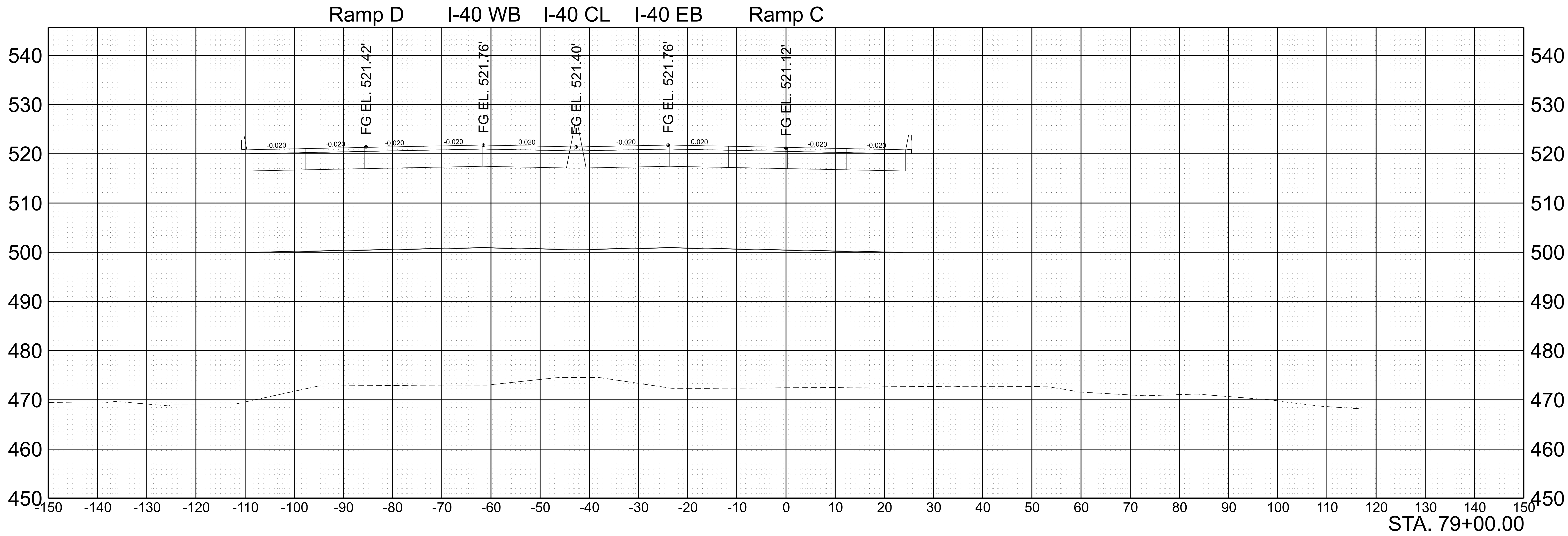
BEGIN STA. 77+50.00
END STA. 78+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	188



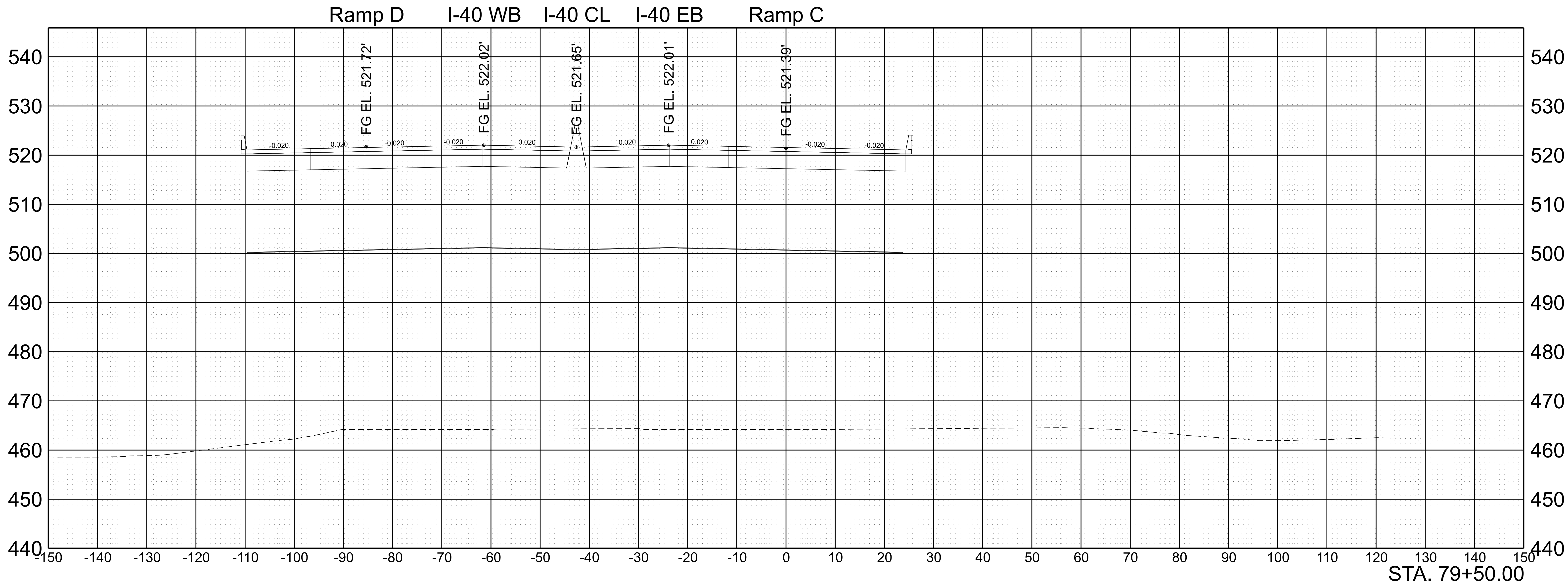
SCALE:	1"=10' HORIZ.	BEGIN STA. 78+50.00
	1"=10' VERT.	END STA. 78+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	189



SCALE:	1"=10' HORIZ.	BEGIN STA. 79+00.00
	1"=10' VERT.	END STA. 79+00.00

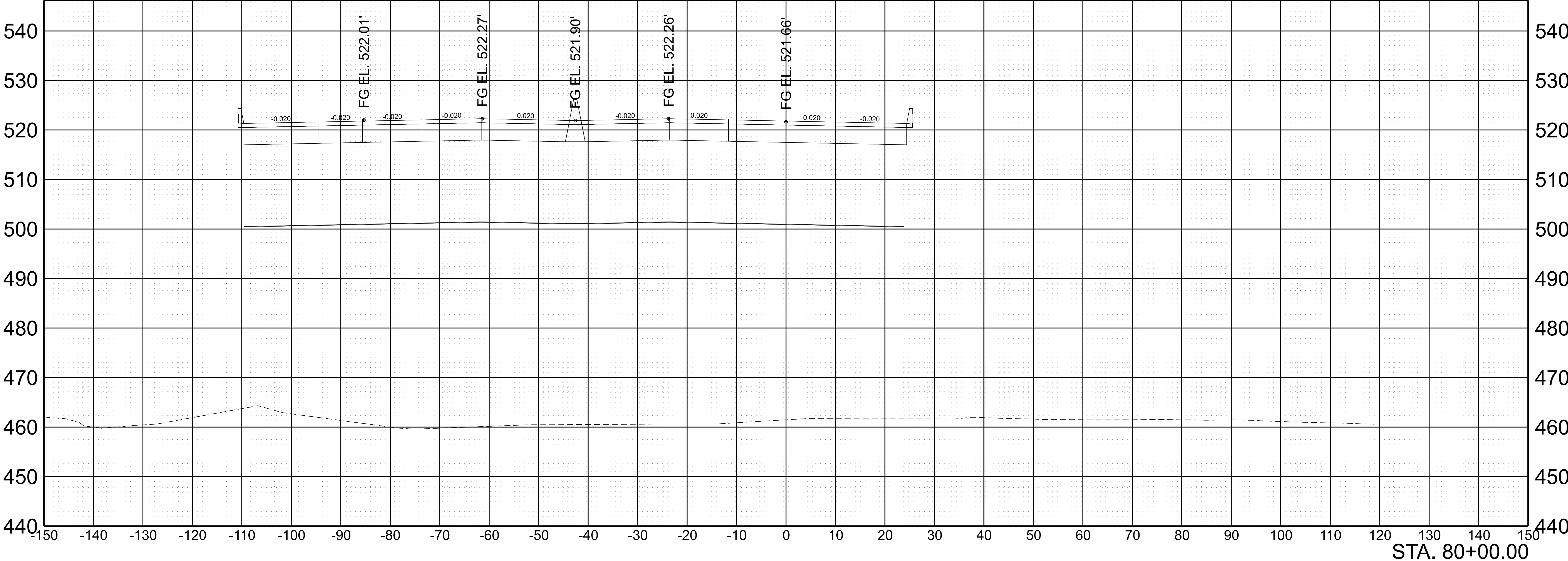
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	190



SCALE:	1"=10' HORIZ.	BEGIN STA. 79+50.00
	1"=10' VERT.	END STA. 79+50.00

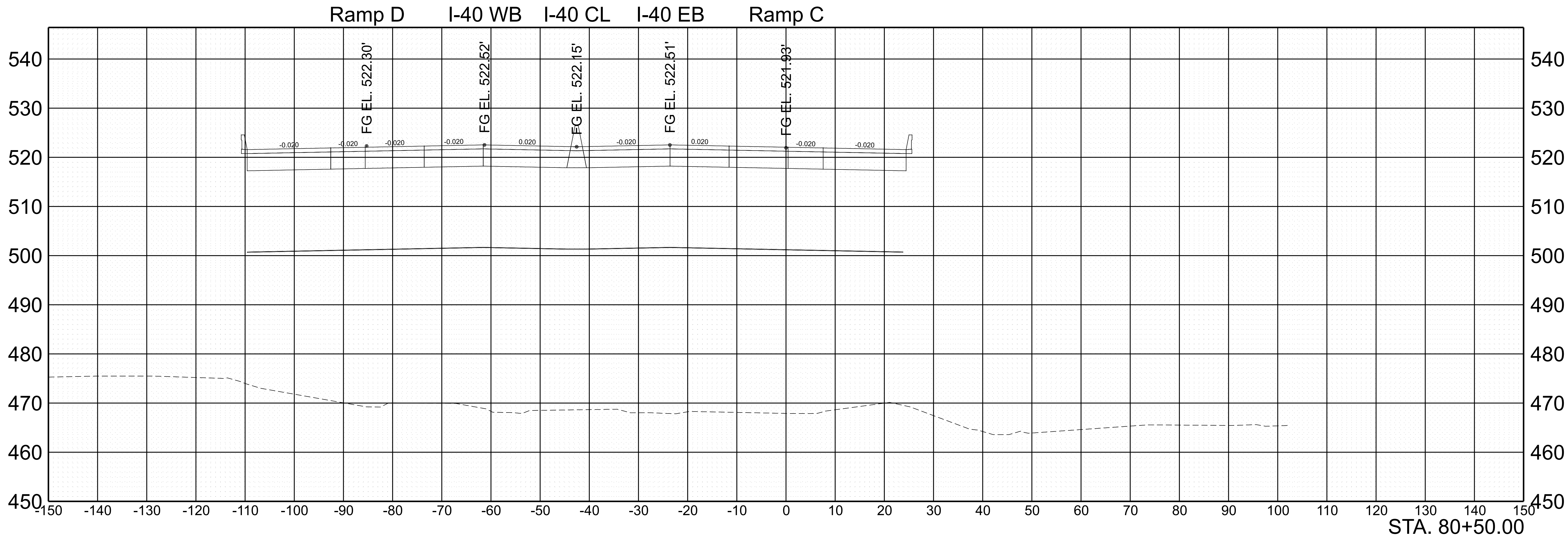
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	191

Ramp D I-40 WB I-40 CL I-40 EB Ramp C



SCALE:	1"=10' HORIZ.	BEGIN STA. 80+00.00
	1"=10' VERT.	END STA. 80+00.00

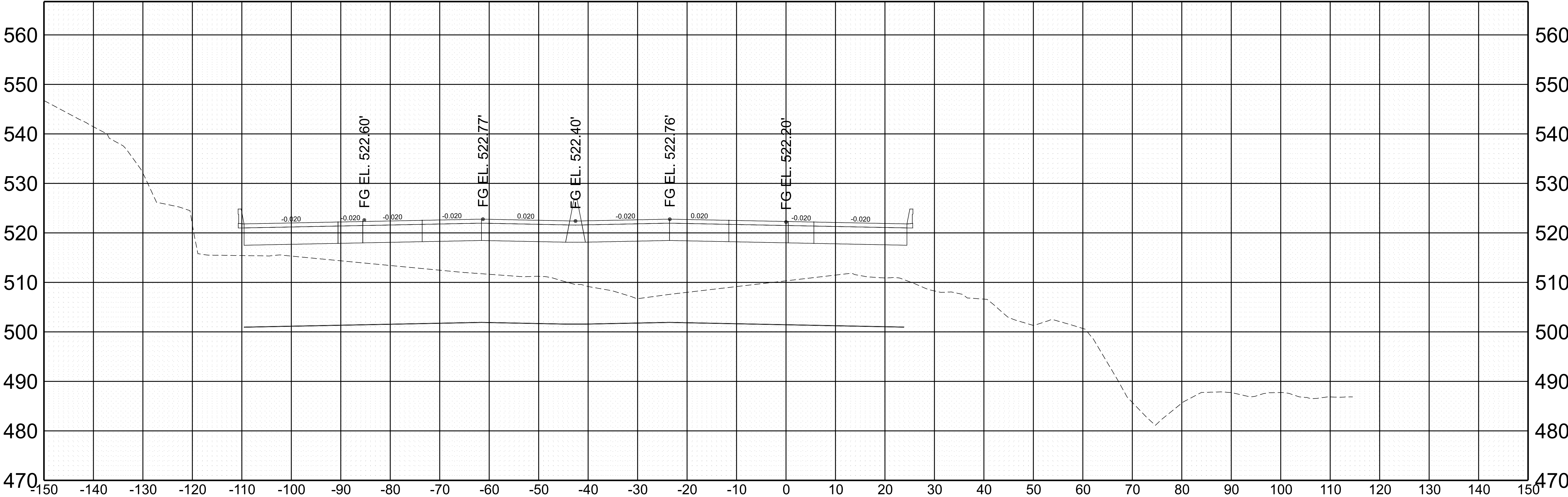
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	192



SCALE: 1"=10' HORIZ.	BEGIN STA. 80+50.00
1"=10' VERT.	END STA. 80+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	193

Ramp D I-40 WB I-40 CL I-40 EB Ramp C

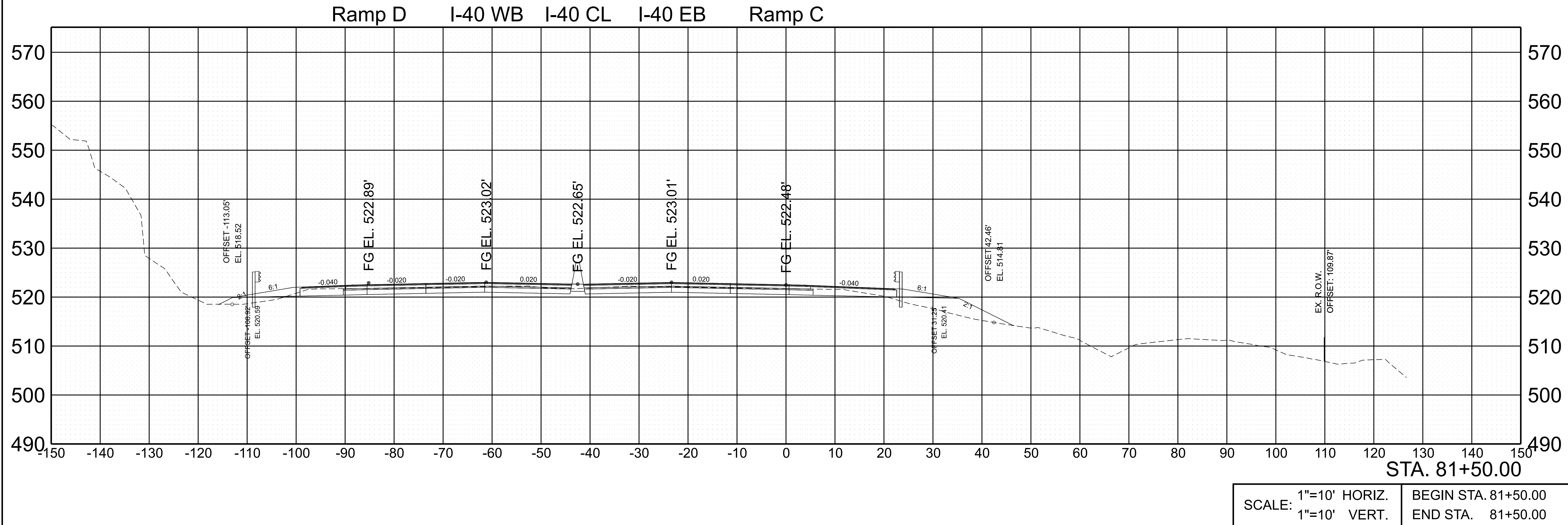


SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 81+00.00
END STA. 81+00.00

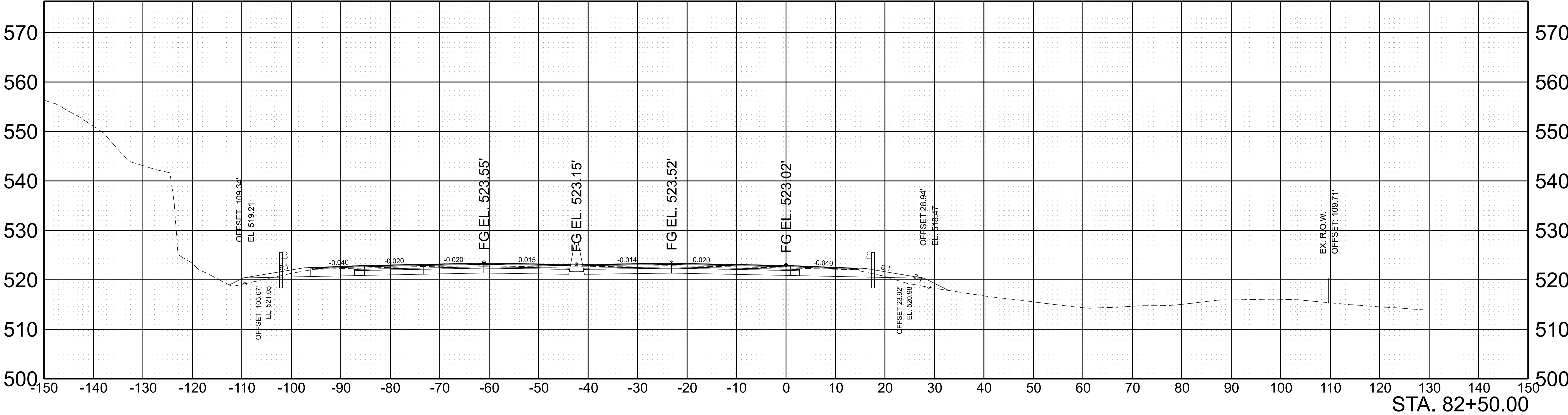
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	194

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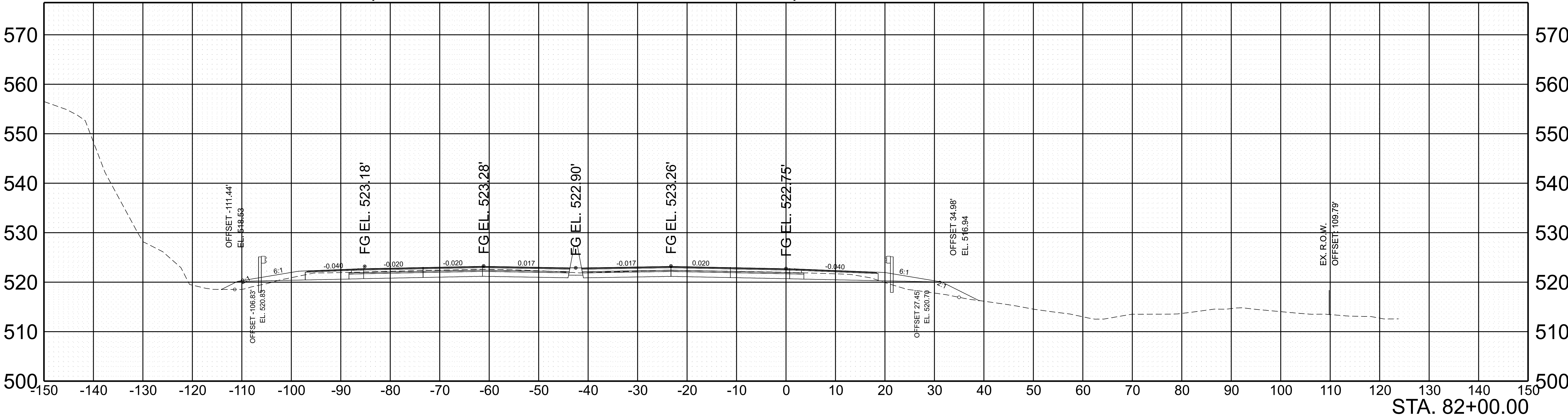


TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	195

I-40 WB I-40 CL I-40 EB Ramp C



Ramp D I-40 WB I-40 CL I-40 EB Ramp C

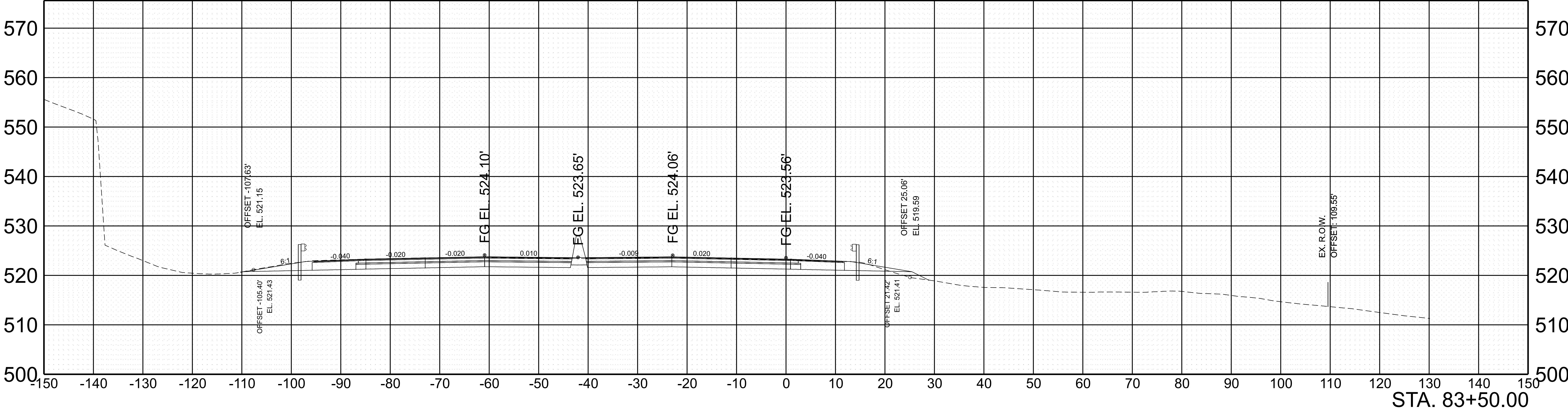


SCALE: 1"=10' HORIZ.
1"=10' VERT.

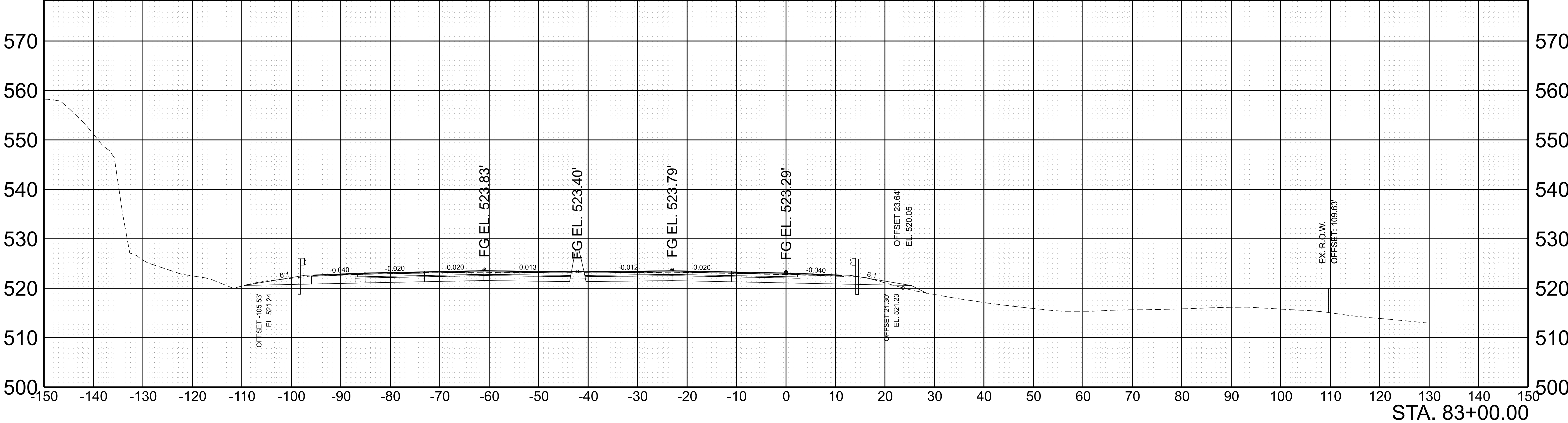
BEGIN STA. 82+00.00
END STA. 82+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	196

I-40 WB I-40 CL I-40 EB Ramp C



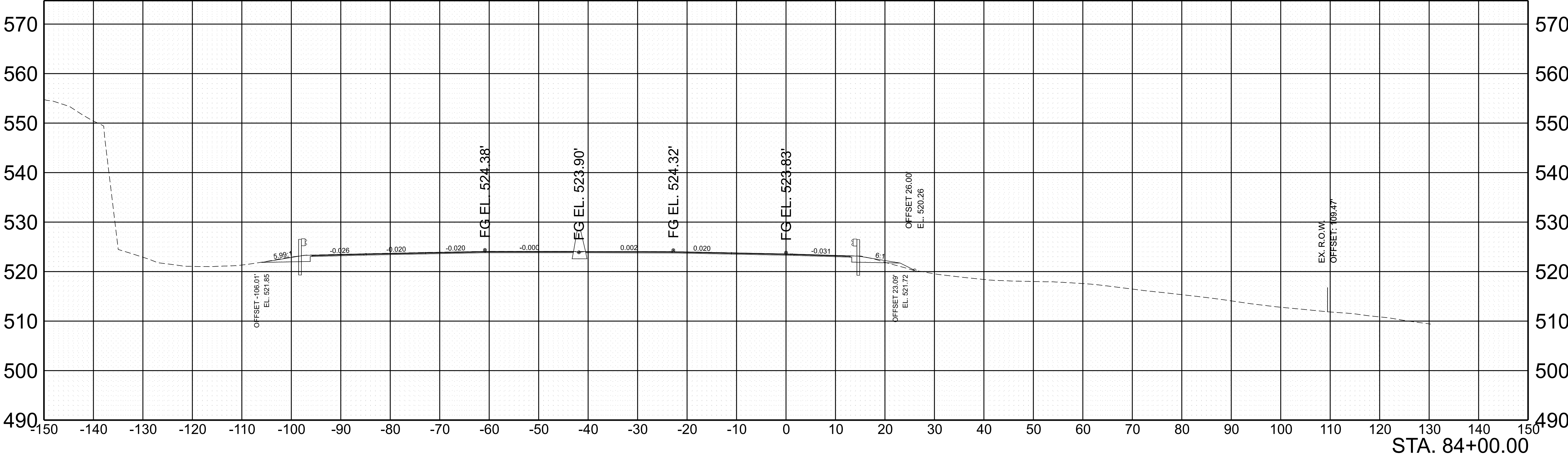
I-40 WB I-40 CL I-40 EB Ramp C



SCALE:	1"=10' HORIZ.	BEGIN STA. 83+00.00
	1"=10' VERT.	END STA. 83+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	197

I-40 WB I-40 CL I-40 EB Ramp C

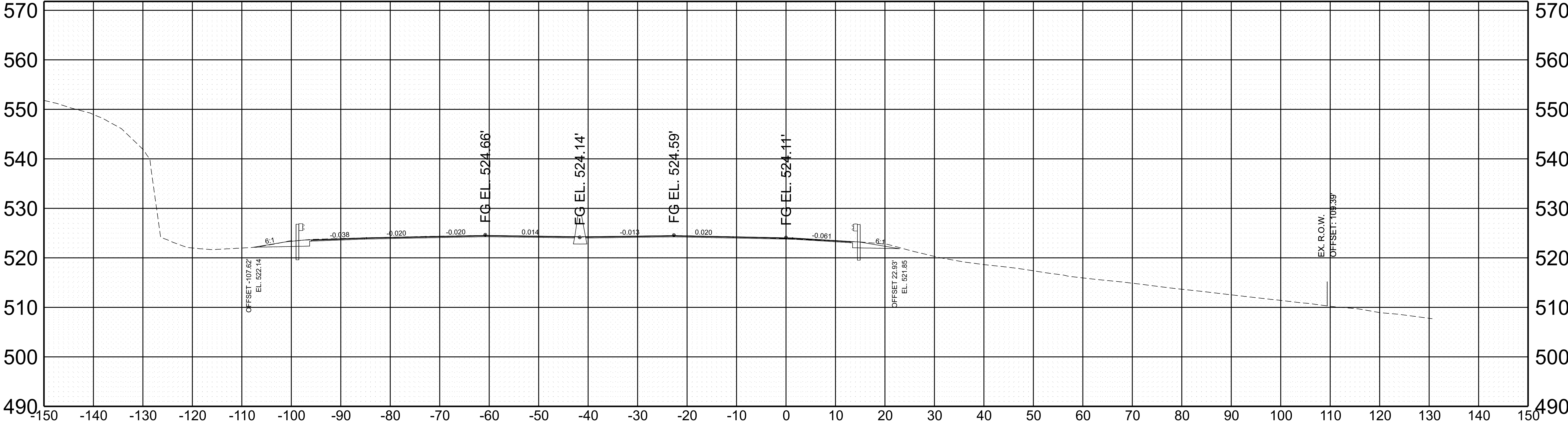


SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 84+00.00
END STA. 84+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	198

I-40 WB I-40 CL I-40 EB Ramp C

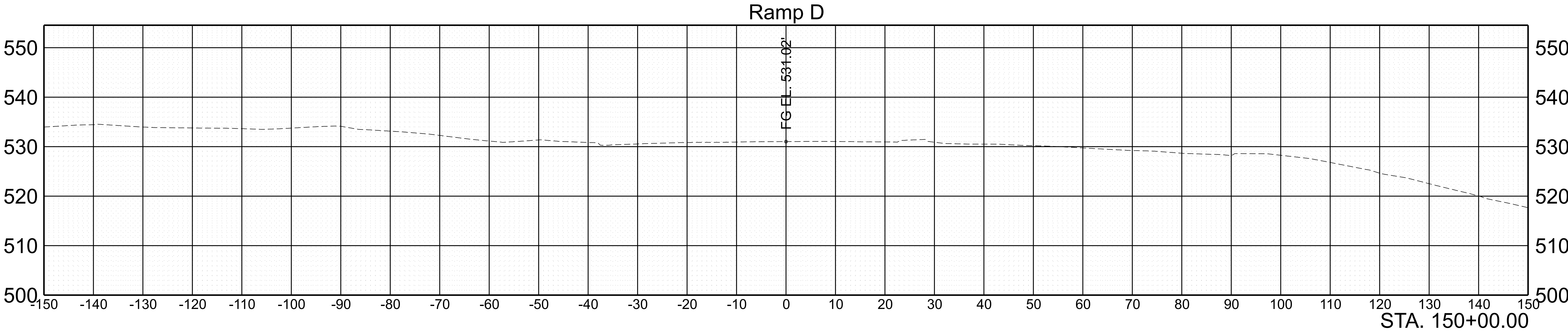
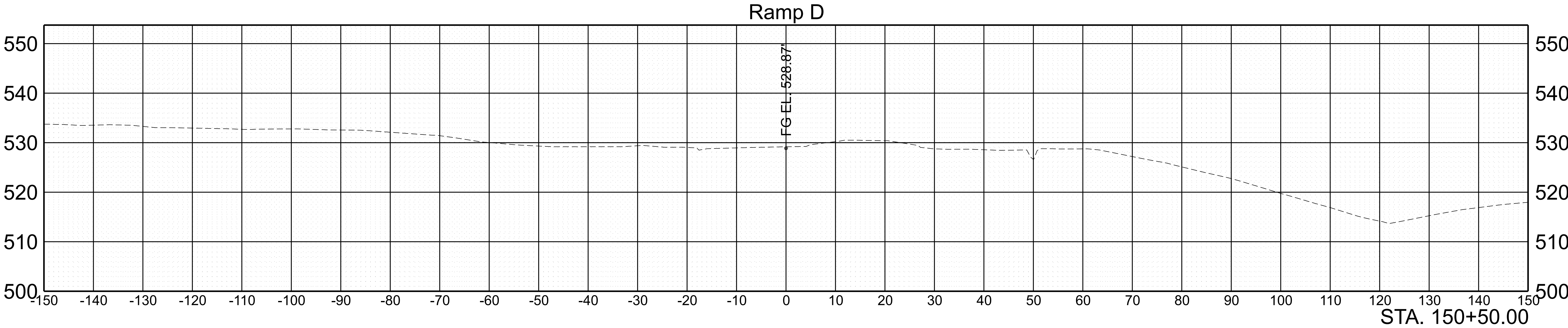


STA. 84+49.97

SCALE:	1"=10' HORIZ.	BEGIN STA. 84+49.97
	1"=10' VERT.	END STA. 84+49.97

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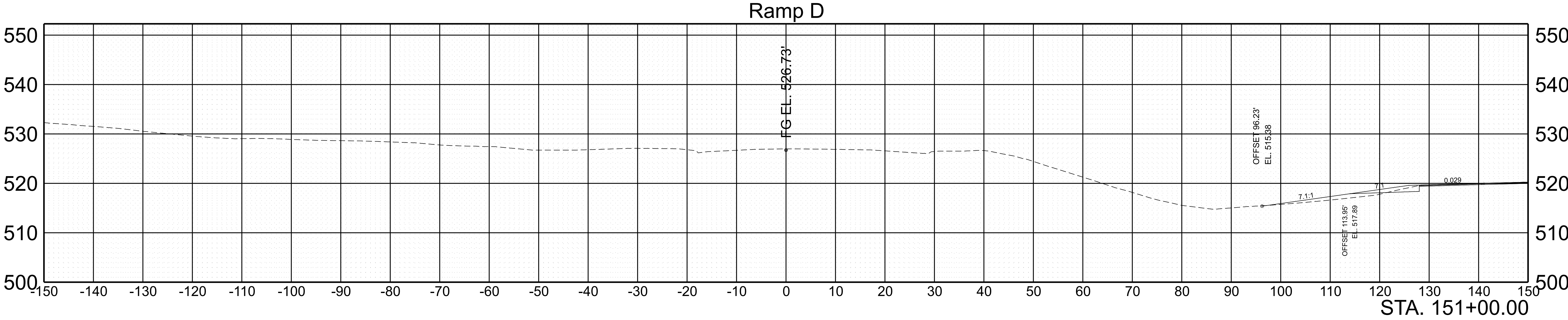
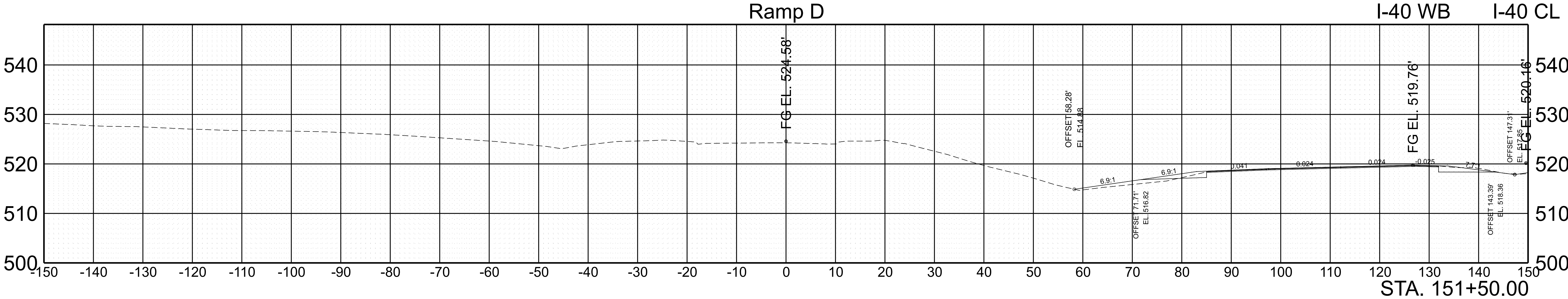
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	199



SCALE: 1"=10' HORIZ.
1"=10' VERT.

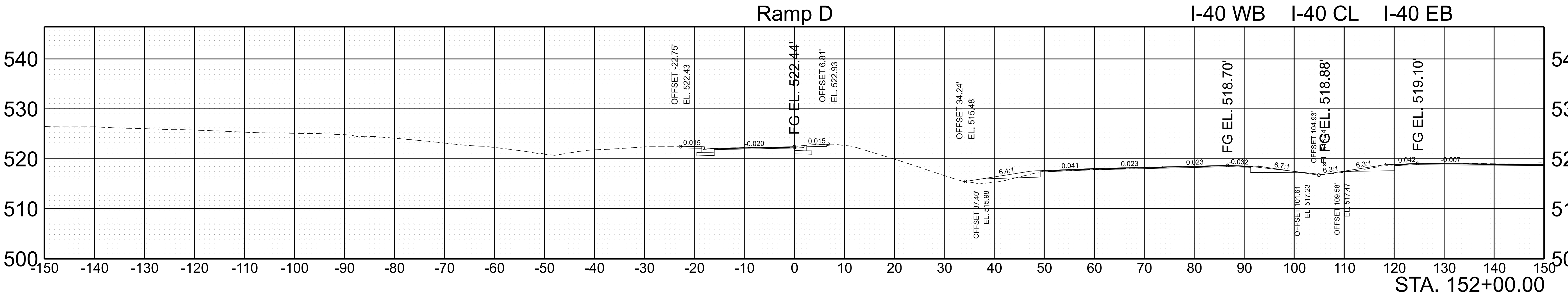
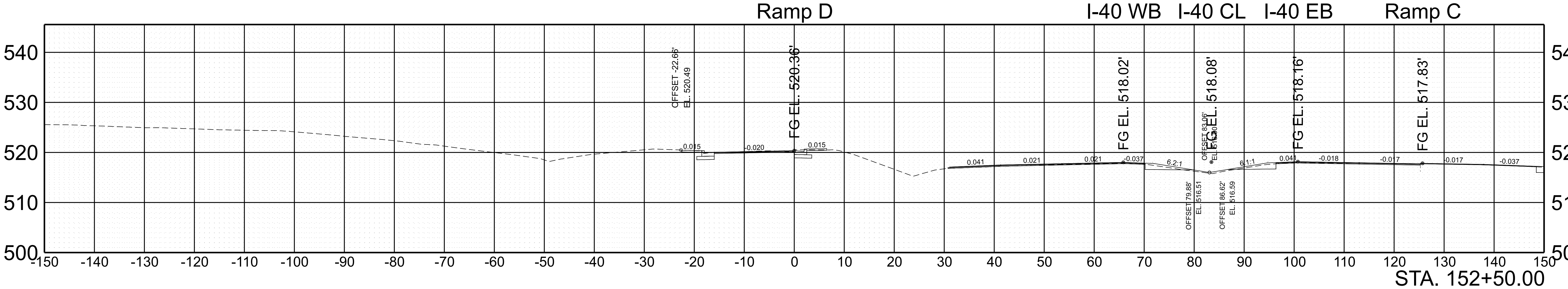
BEGIN STA. 150+00.00
END STA. 150+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	200



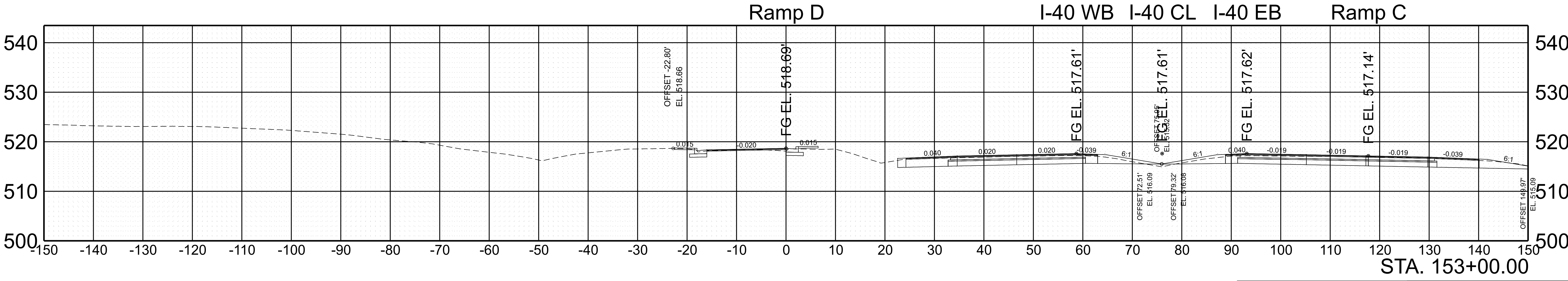
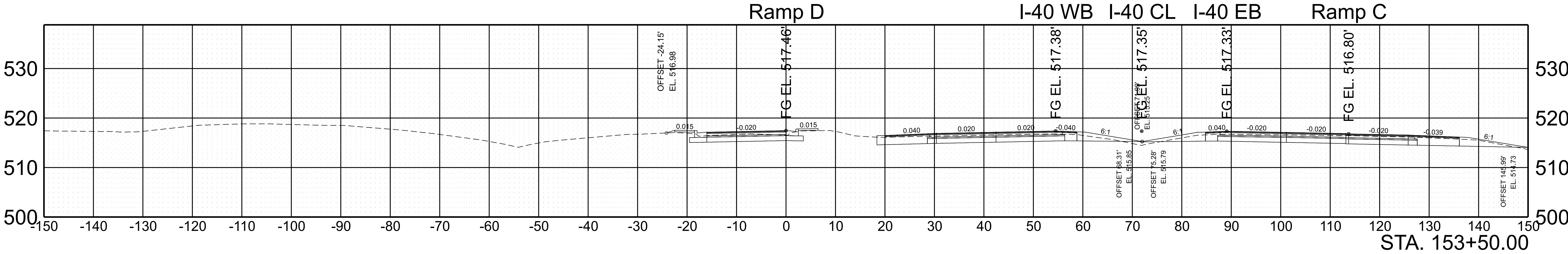
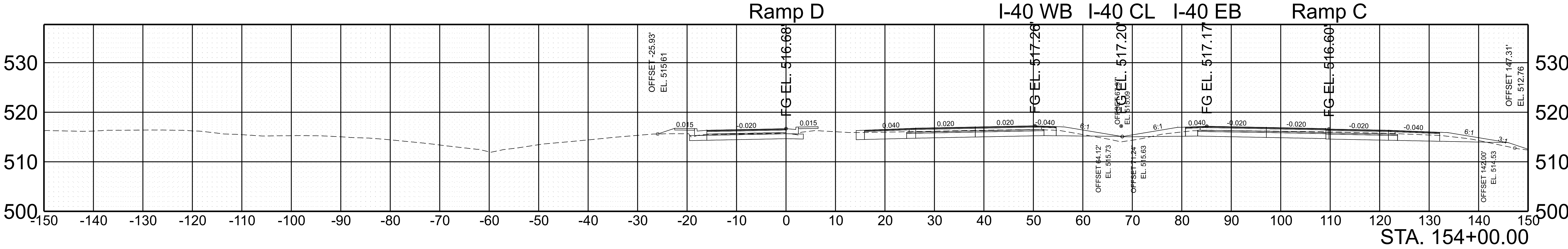
SCALE: 1"=10' HORIZ. 1"=10' VERT.	BEGIN STA. 151+00.00 END STA. 151+50.00
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	201



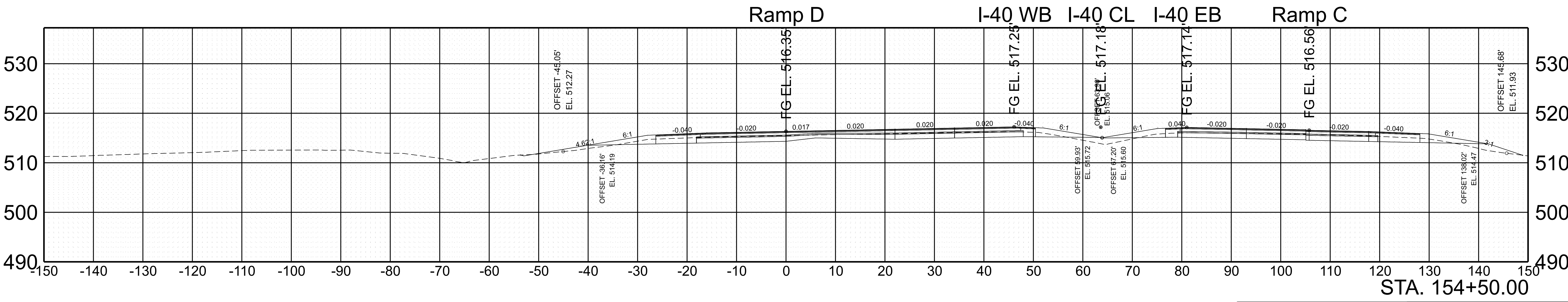
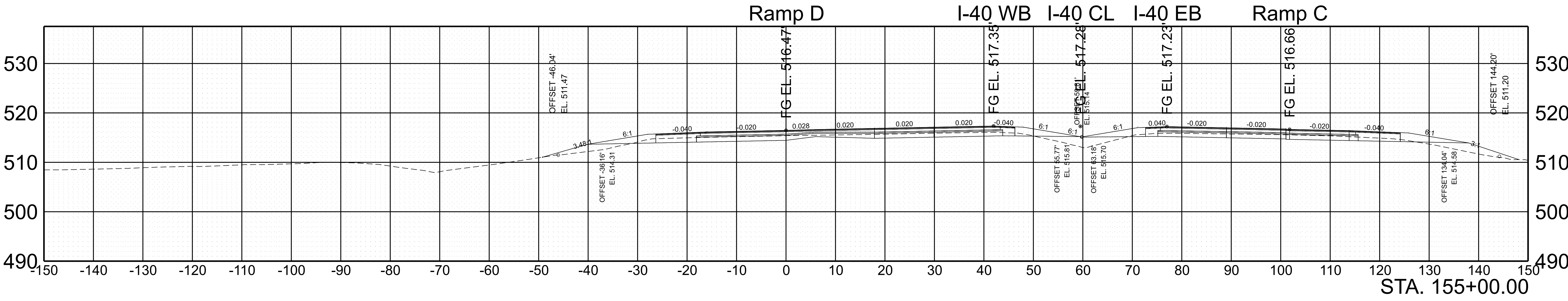
SCALE:	1"=10' HORIZ.	BEGIN STA. 152+00.00
	1"=10' VERT.	END STA. 152+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	202



SCALE:	1"=10' HORIZ.	BEGIN STA. 153+00.00
	1"=10' VERT.	END STA. 154+00.00

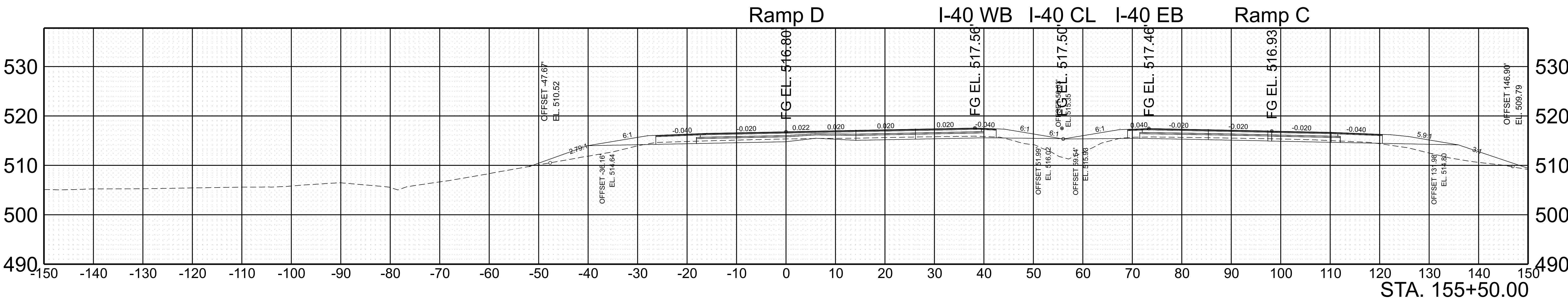
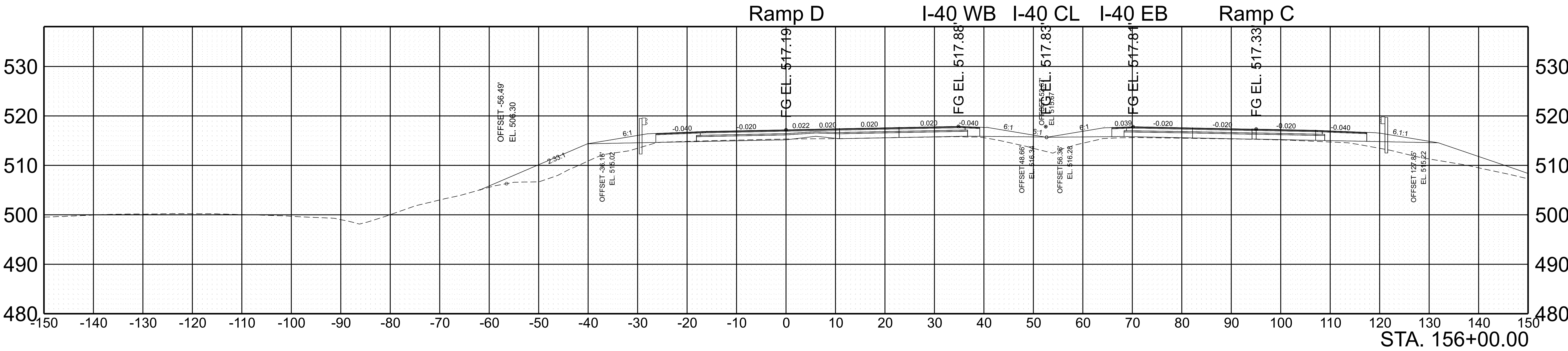
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	203



SCALE:	1"=10' HORIZ.	BEGIN STA. 154+50.00
	1"=10' VERT.	END STA. 155+00.00

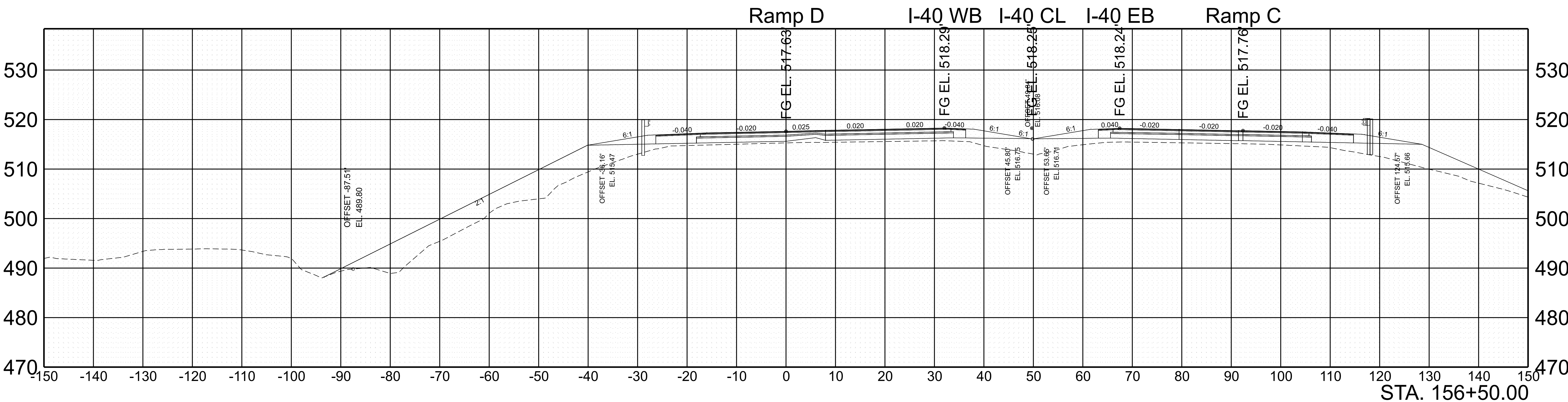
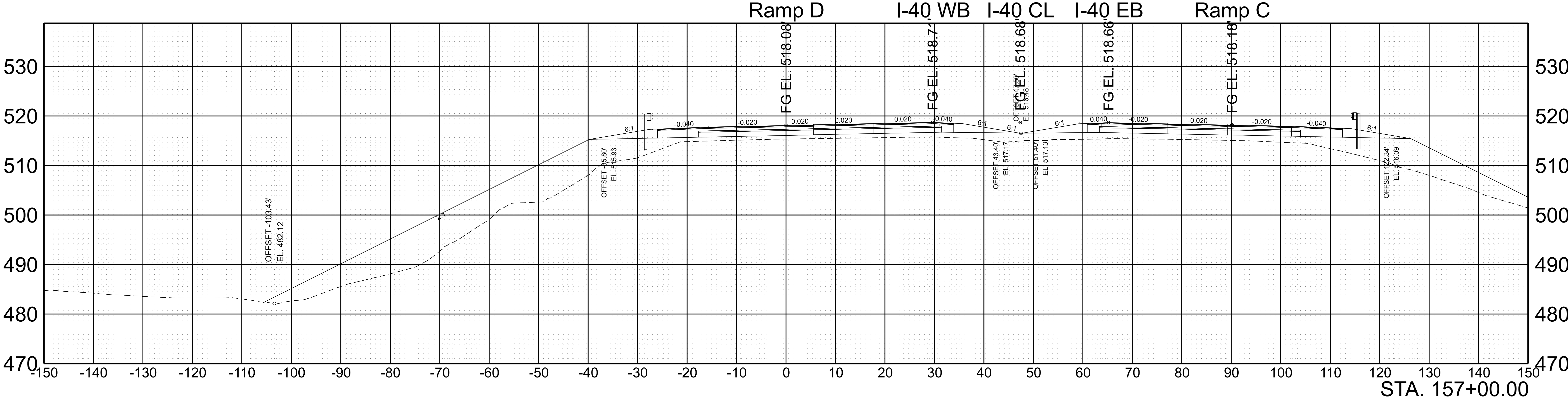
7/29/2025 5:20:13 PM G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH\T801040-SHT-XS-RAMP D.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	204



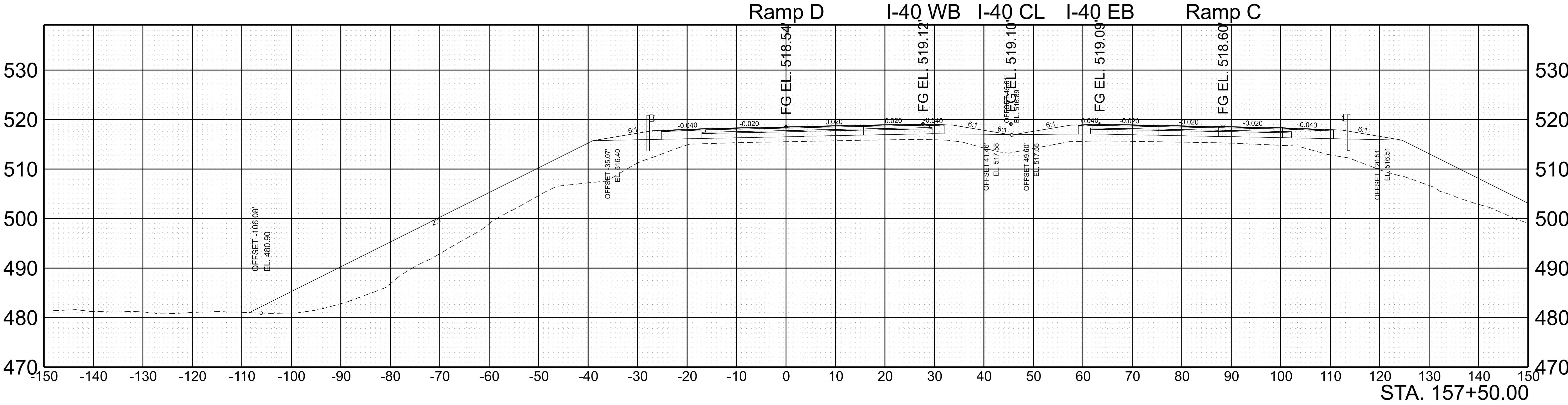
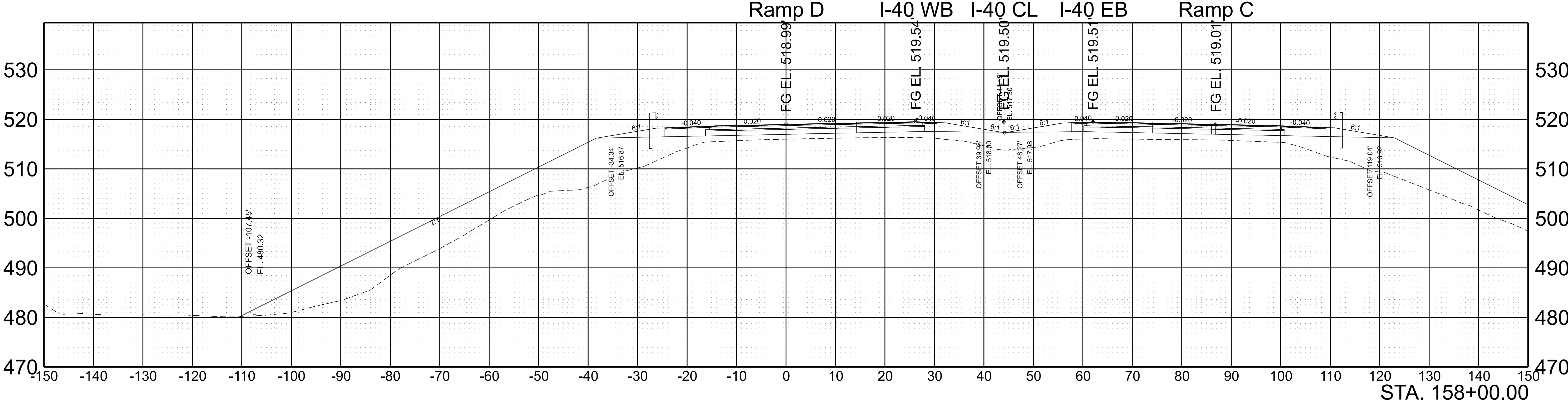
SCALE:	1"=10' HORIZ.	BEGIN STA. 155+50.00
	1"=10' VERT.	END STA. 156+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	205



SCALE:	1"=10' HORIZ.	BEGIN STA. 156+50.00
	1"=10' VERT.	END STA. 157+00.00

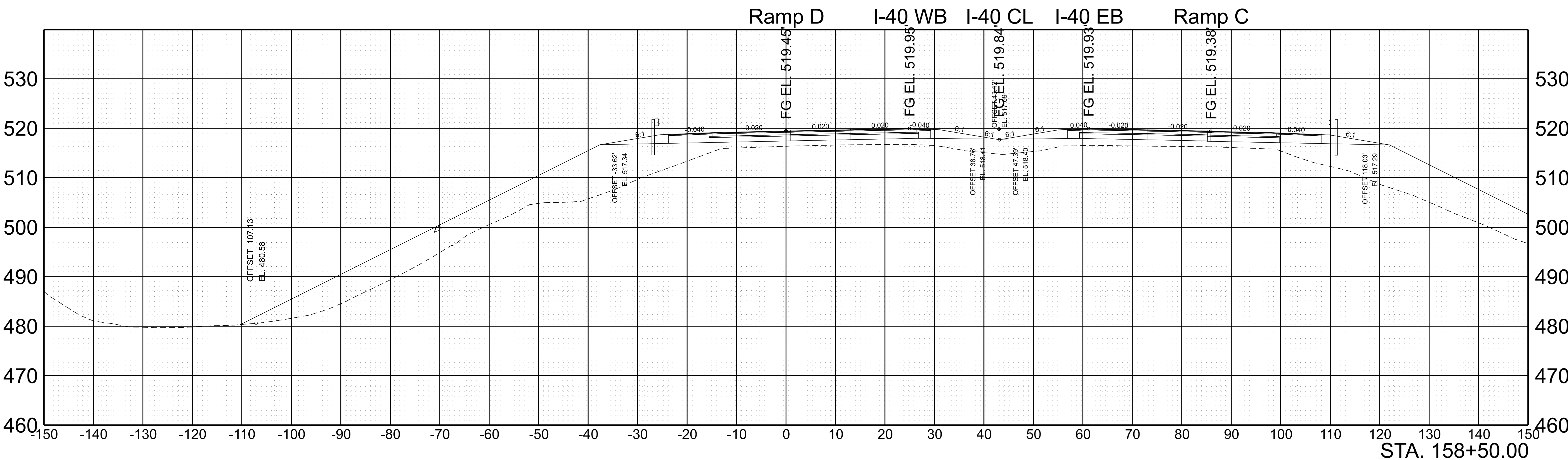
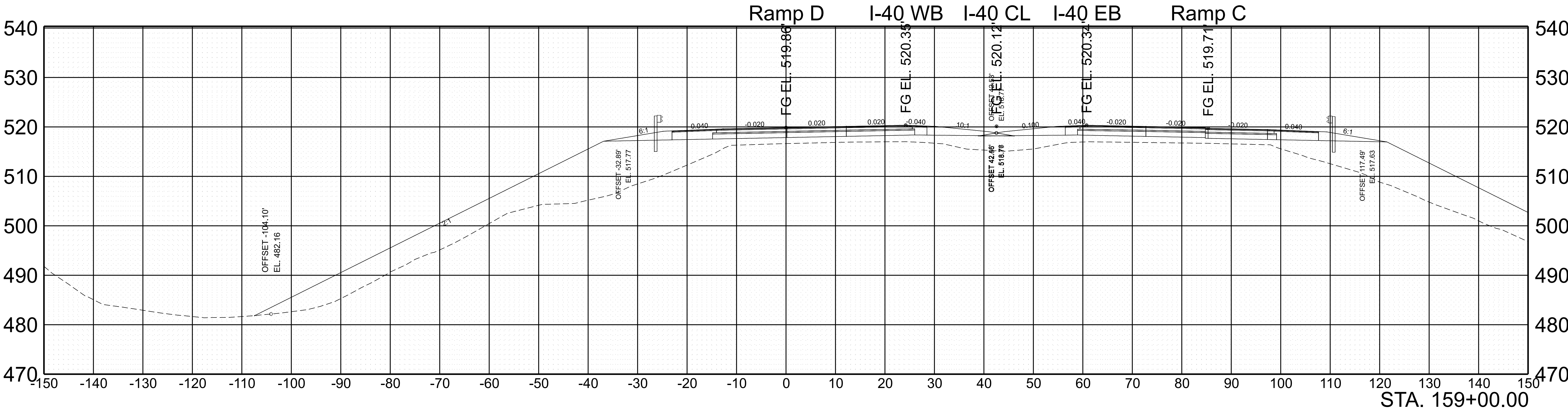
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	206



SCALE: 1"=10' HORIZ.
1"=10' VERT.

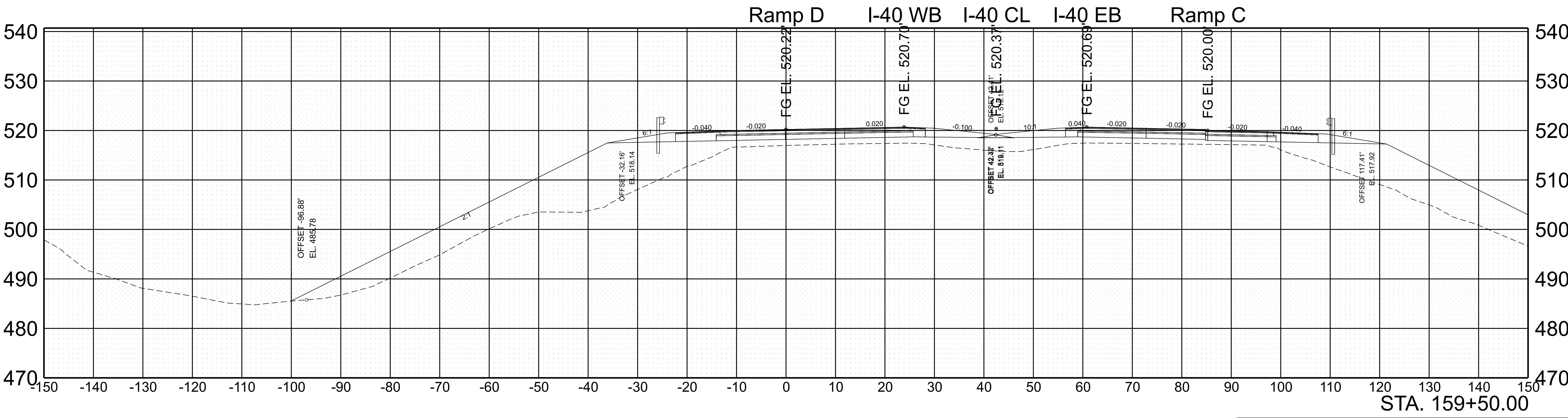
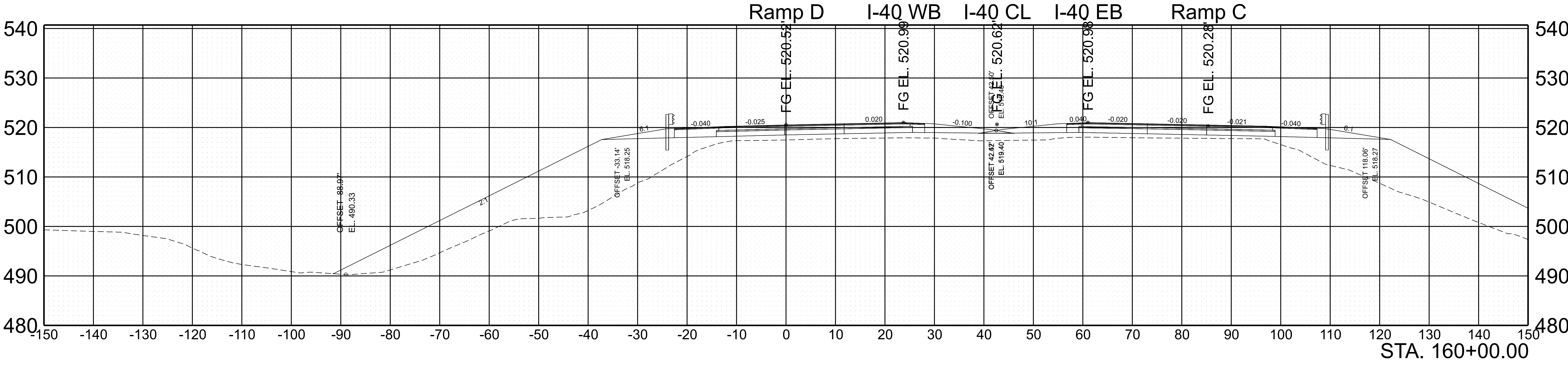
BEGIN STA. 157+50.00
END STA. 158+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	207



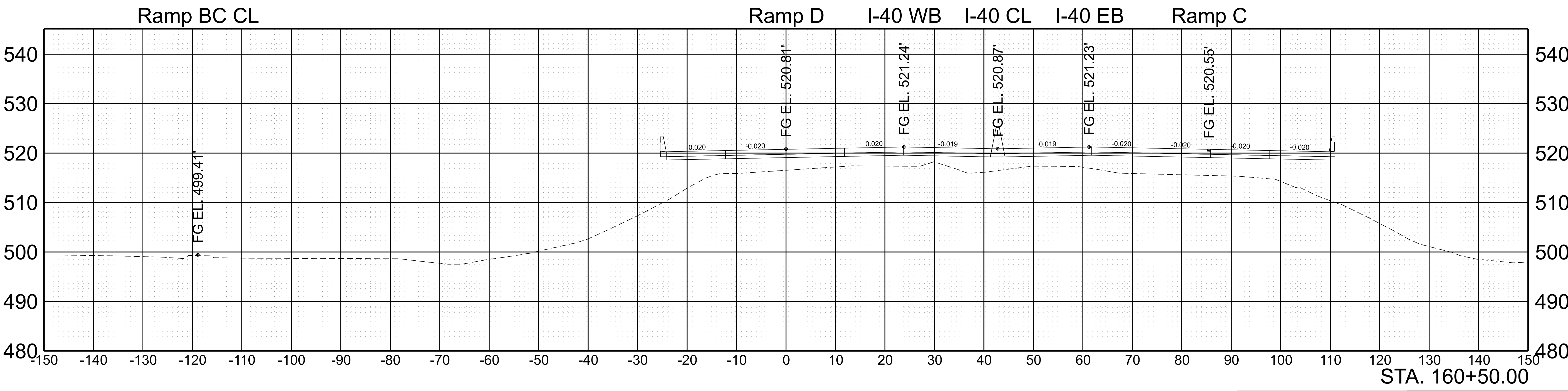
SCALE:	1"=10' HORIZ.	BEGIN STA. 158+50.00
	1"=10' VERT.	END STA. 159+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	208



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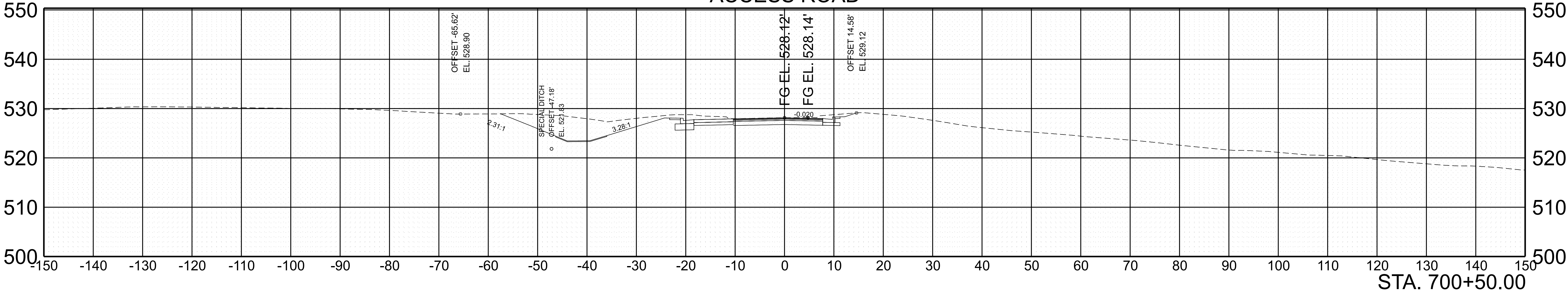
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	209



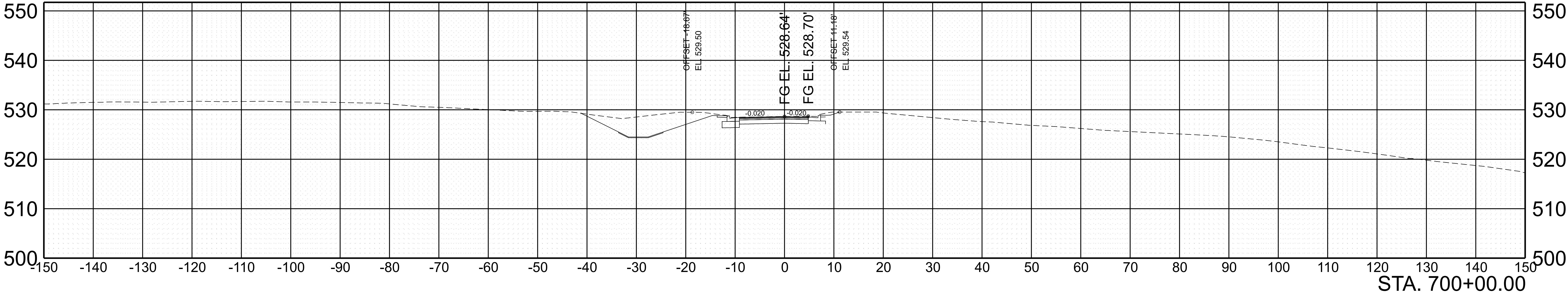
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1"=10' VERT.	END STA. 160+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	210

Ramp A
ACCESS ROAD



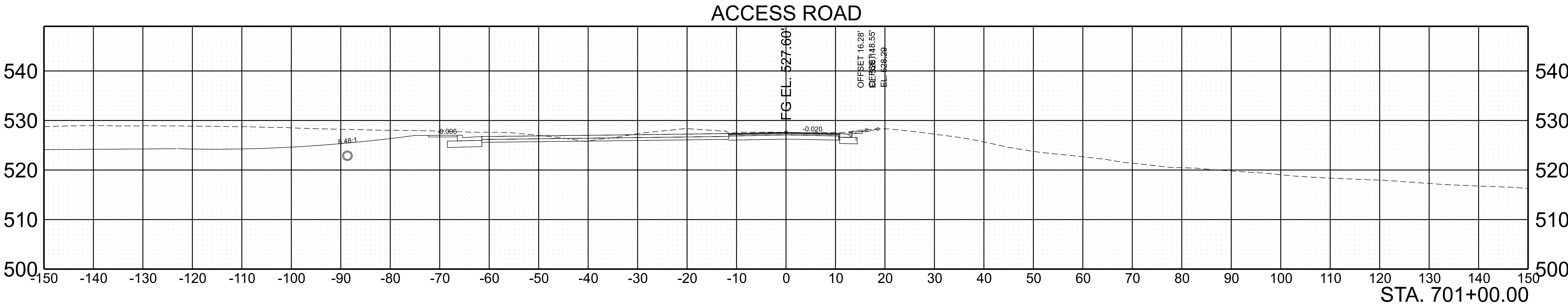
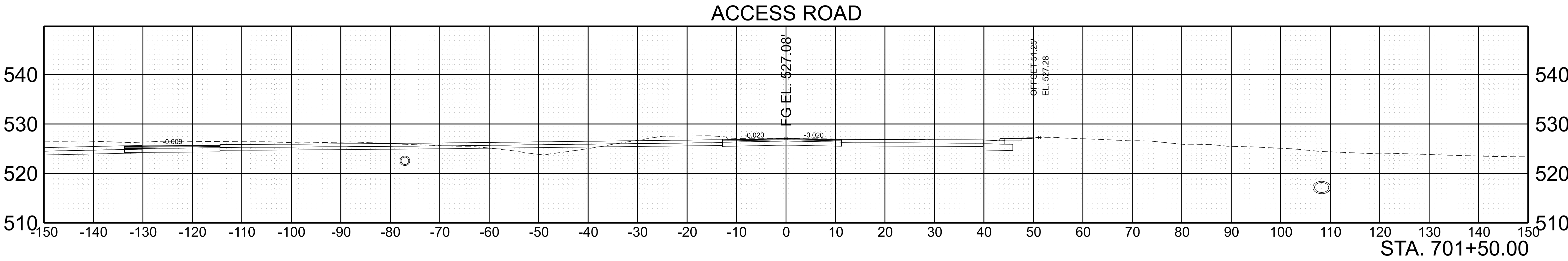
Ramp A
ACCESS ROAD



SCALE: 1"=10' HORIZ.
1"=10' VERT.

BEGIN STA. 700+00.00
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	211

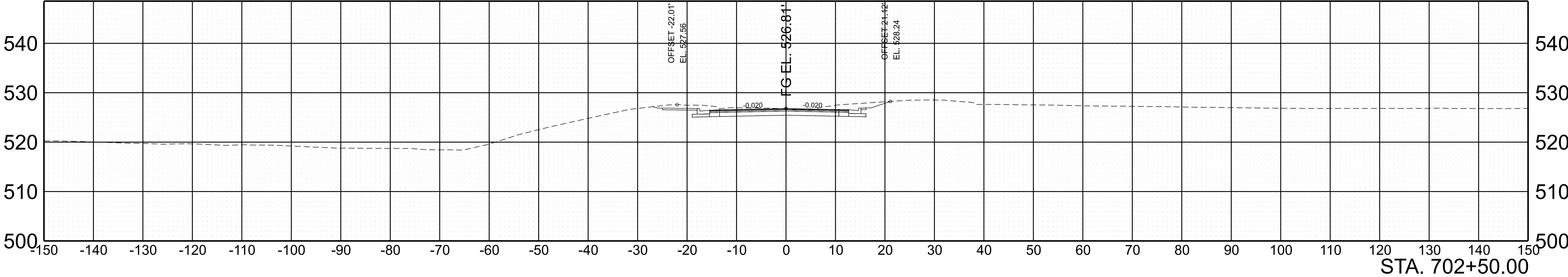


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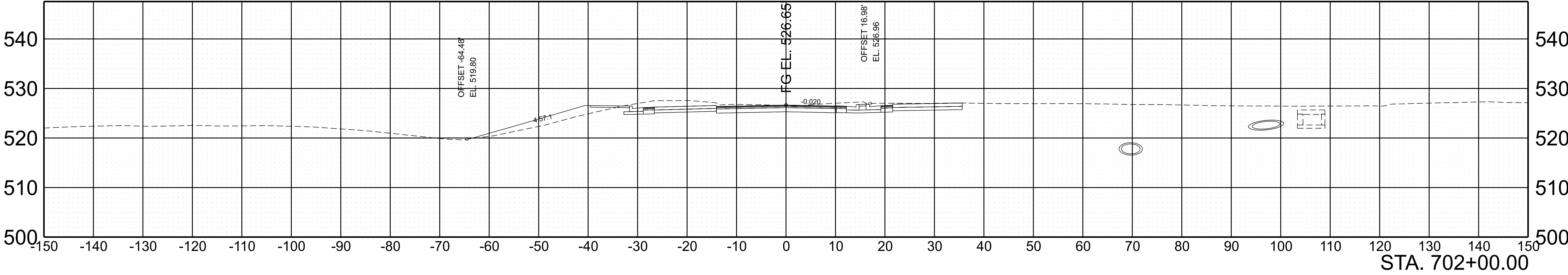
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	212

ACCESS ROAD

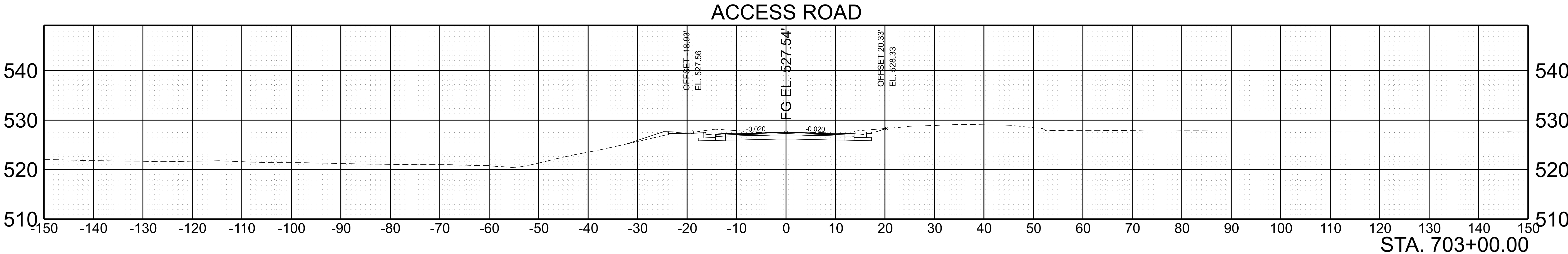
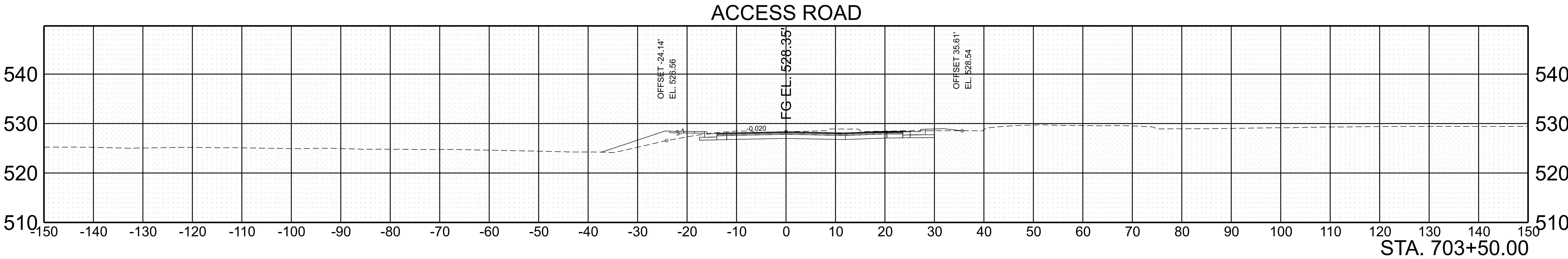
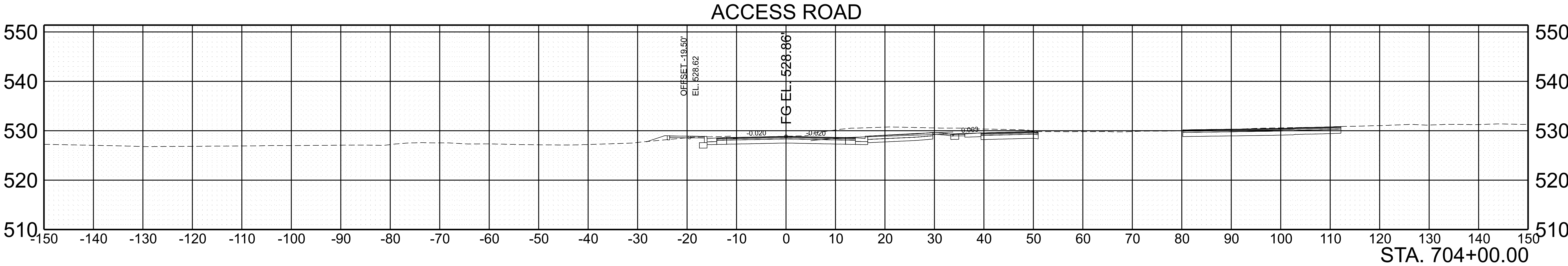


ACCESS ROAD



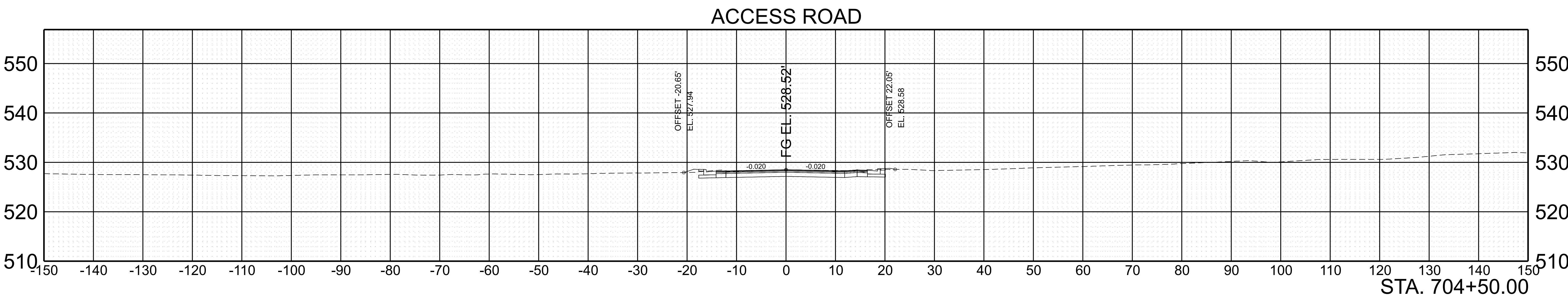
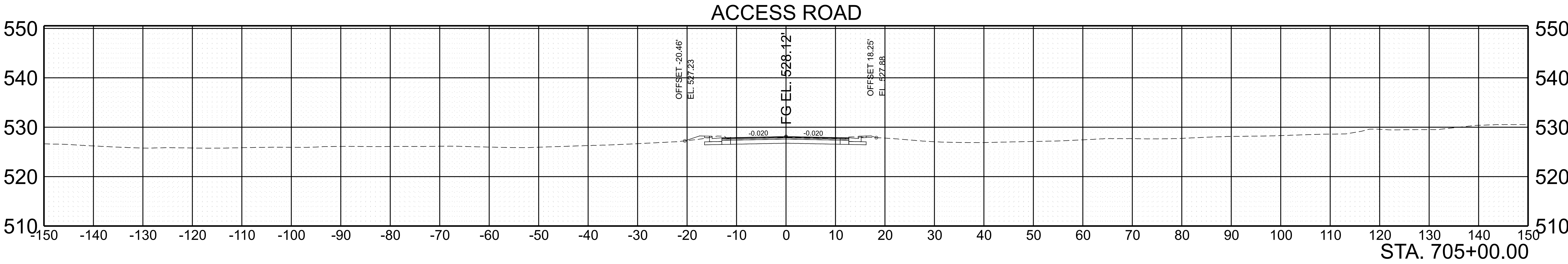
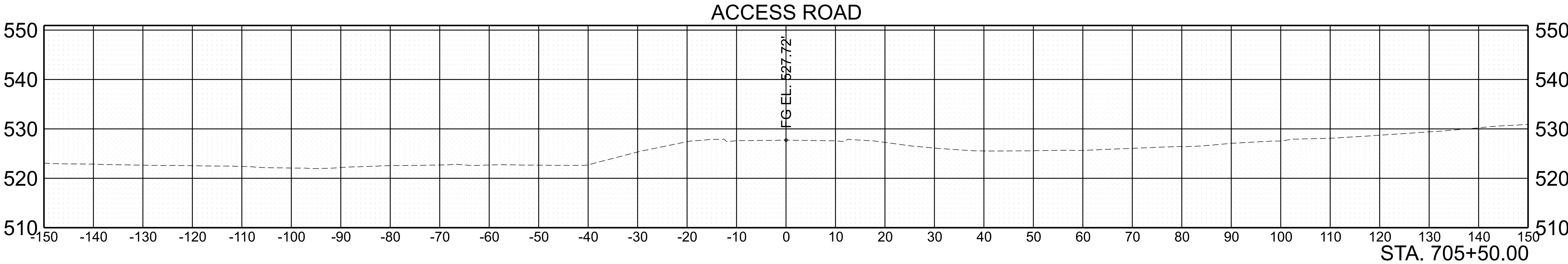
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	213



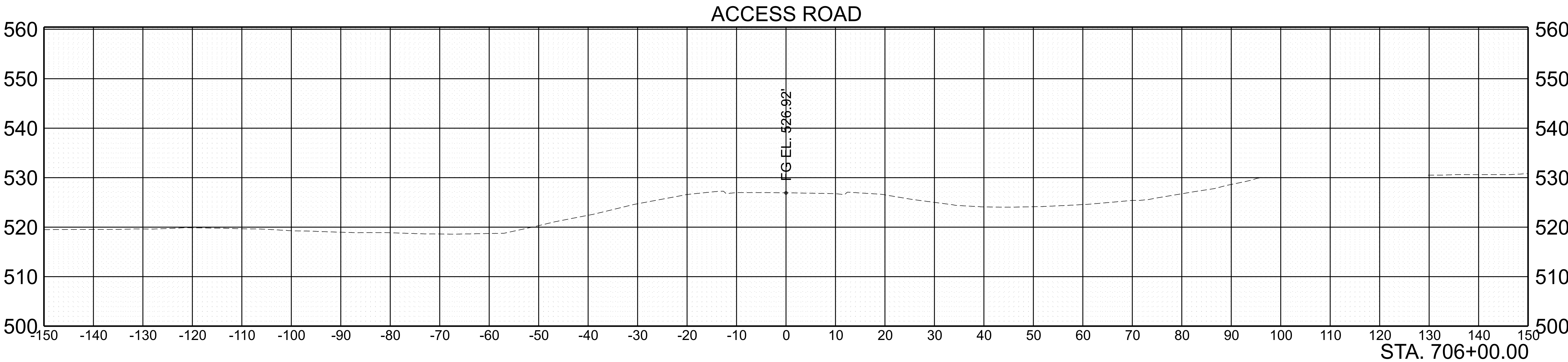
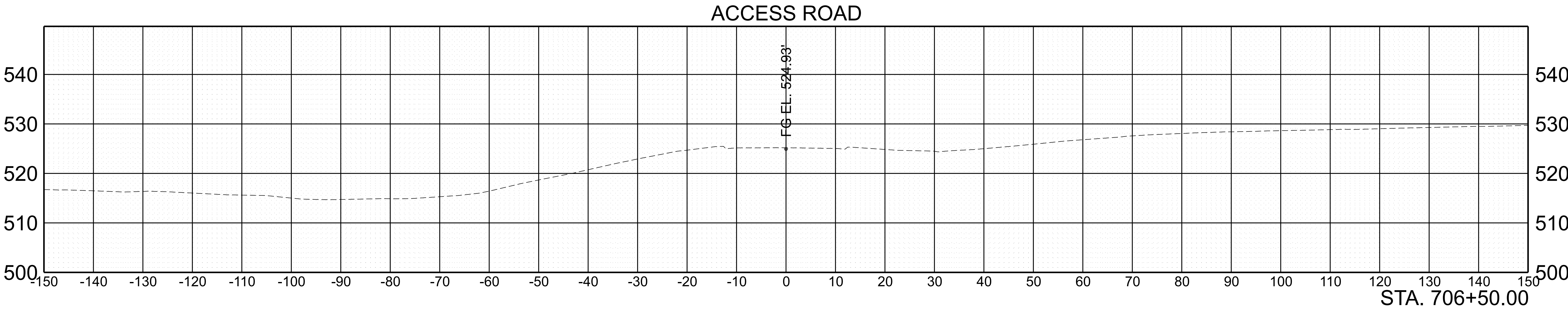
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	214



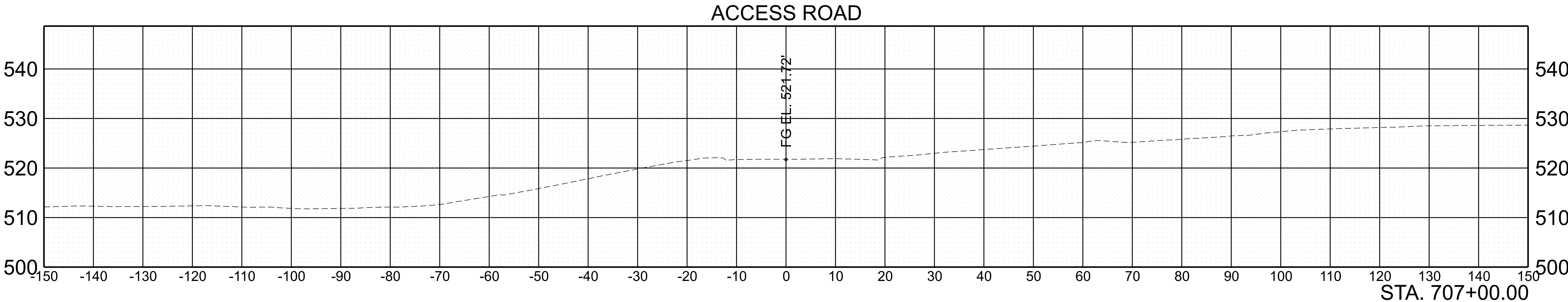
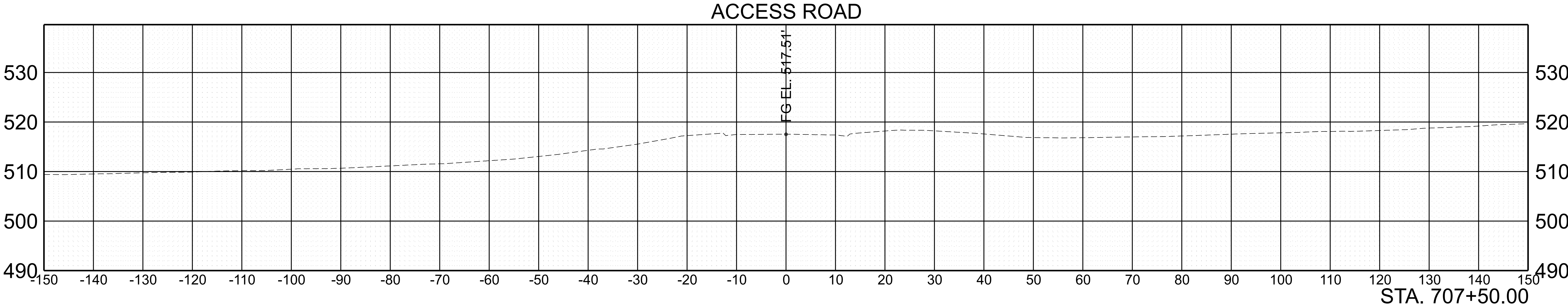
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	215



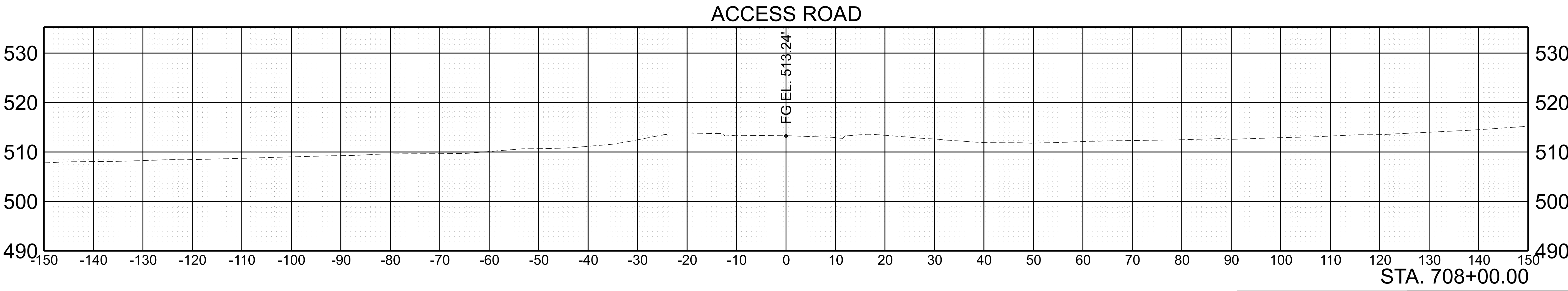
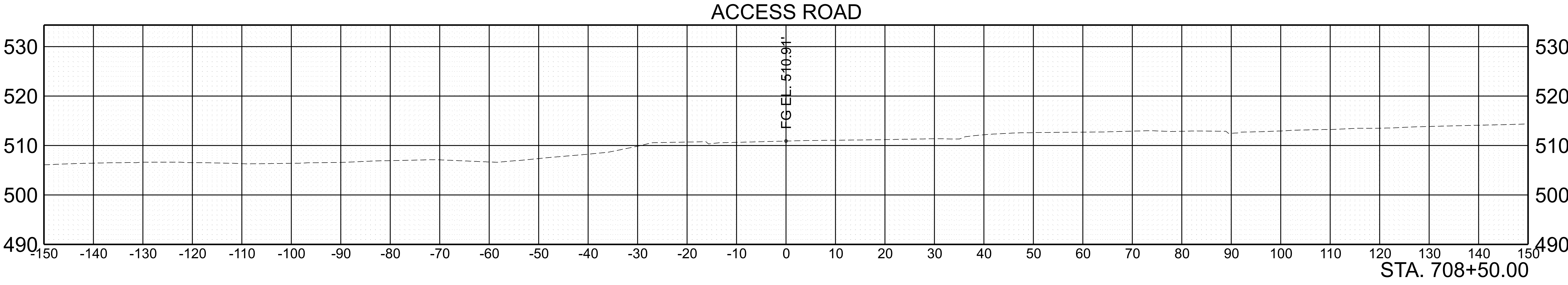
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	216



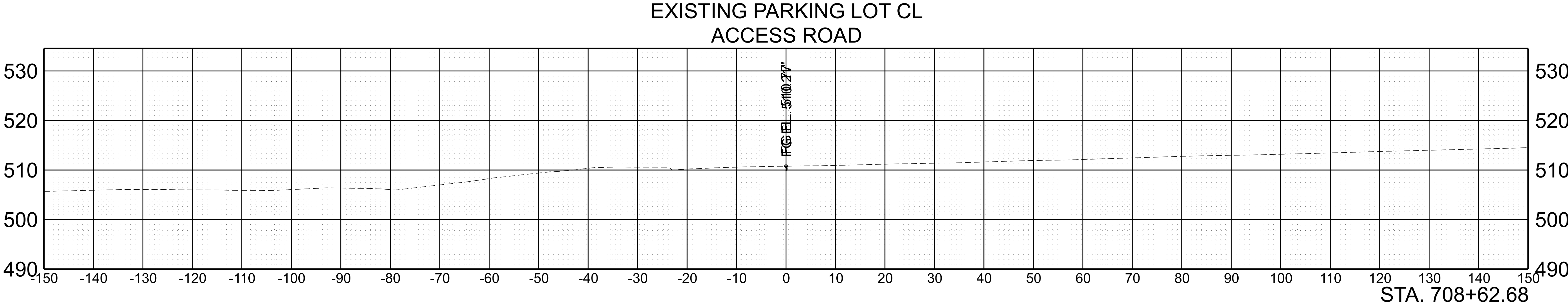
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	217



SCALE:	1"=10' HORIZ.	BEGIN STA. 708+00.00
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TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	218



SCALE:	1"=10' HORIZ.	BEGIN STA. 708+62.68
	1"=10' VERT.	END STA. 708+62.68

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

A. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:

1.

DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 1.75 INCHES:
- a.

WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
- b.

DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
- c.

DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
- d.

WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.
2.

DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 1.75 INCHES AND NOT EXCEEDING 6 INCHES, TRAFFIC IS NOT TO BE ALLOWED TO TRAVERSE THIS DIFFERENCE IN ELEVATION.
- a.

SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
- (1)

WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
- (2)

WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
- b.

IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a, PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
- c.

WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE REGIONAL TRAFFIC ENGINEER. SEE PARAGRAPH a REGARDING USE OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) WILL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 2 MILES IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

3.

DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 6 INCHES BUT NOT EXCEEDING 18 INCHES, THE CONTRACTOR, WITH THE ENGINEER'S APPROVAL, MAY UTILIZE ONE OF THE FOLLOWING:

- a.

THE CONTRACTOR SHALL ACCOMPLISH SEPARATION BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
- (1)

WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
- (2)

WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

IN ORDER TO USE THIS METHOD, THE CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORKDAY THAT THE CONDITION IS CREATED.

- b.

THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a, AND CONSTRUCT A STONE WEDGE WITH A 4:1 SLOPE, OR FLATTER, TO ELIMINATE THE VERTICAL OFFSET IF THE LOWER ELEVATION IS AT OR BELOW SUBGRADE AT THE END OF EACH DAY.
- c.

THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a AND IF THE LOWER ELEVATION IS BASE STONE OR ASPHALT PAVEMENT, PLACEMENT OF SUBSEQUENT LAYERS OF PAVEMENT MUST BEGIN THE NEXT WORK DAY AND PROGRESS CONTINUOUSLY UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED OR REDUCED TO SIX INCHES OR LESS.
- d.

THE CONTRACTOR SHALL PROVIDE SEPARATION BY PORTABLE BARRIER RAIL.

FOR PRECEDING CONDITIONS a, b, AND c, THE CONTRACTOR SHALL USE THE SHOULDER DROP-OFF WARNING SIGN WITH PLAQUE (W8-17 AND W8-17P). IT SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN THE SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

4.

FOR DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 18 INCHES.

SEPARATION WILL BE PROVIDED BY USE OF PORTABLE BARRIER RAIL.

IN THIS SITUATION THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

B. IF THE DIFFERENCE IN ELEVATION IS WITHIN 30 FEET OF THE NEAREST TRAFFIC LANE BEING USED BY TRAFFIC CAUSED BY GRADING, EXCAVATION FOR UTILITIES, DRAINAGE STRUCTURES, UNDERCUTTING, ETC.:

1.

IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 3/4 INCH AND NOT EXCEEDING 2 INCHES.
- a.

WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
2.

IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES:
- a.

SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
- (1)

WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
- (2)

WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
3.

IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 6 INCHES:
- a.

SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
- (1)

WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
- (2)

WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
- b.

ELIMINATE VERTICAL OFFSET BY CONSTRUCTING A STONE WEDGE OR GRADING TO A 4:1 SLOPE, OR FLATTER, OR USE PORTABLE BARRIER RAIL.

THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE WITHIN 8 FEET OF A TRAFFIC LANE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

C. IF THE DIFFERENCE IN ELEVATION IS FARTHER THAN 8 FEET FROM THE NEAREST TRAFFIC LANE BUT NOT MORE THAN 30 FEET FROM THE NEAREST TRAFFIC LANE:

SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

1.

WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
2.

WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-1

SEALED BY
INFO ONLY

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL

4/17/2025 4:13:04 PM G:\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\ISHT\TRAFFIC CONTROL\80I040-SHT-TRAFFIC CONTROL NOTES.DGN

NOTES:

1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMPs. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
6. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
8. RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
- 10.THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

CONSTRUCTION SEQUENCE:

PHASE I:

1. MAINTAIN REST AREA TRAFFIC AT ALL TIMES.
2. INSTALL PORTABLE BARRIER RAIL AND DRUMS ALONG INSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS.
3. SHIFT TRAFFIC TO THE OUTSIDE WHILE MAINTAINING A MINIMUM OF 2 11 FT WIDE LANES AND 2 FT WIDE SHOULDERS IN EACH DIRECTION.
4. COMPLETE ALL MEDIAN WORK, INCLUDING THE CONSTRUCTION OF A 38 FT WIDE SECTION OF THE PROPOSED BRIDGE.
5. THE NEW PARKING AREA WORK SHALL BE COMPLETED FIRST. THEN COMPLETE, UNDER TRAFFIC, THE PARKING AREA ACCESS ROAD.

PHASE II:


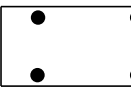




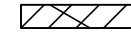

1. MAINTAIN REST AREA TRAFFIC AT ALL TIMES.
2. INSTALL PORTABLE BARRIER RAIL ON I-40 EASTBOUND LANES AS SHOWN IN THE TRAFFIC CONTROL PLANS. KEEP PHASE I SETUP THE SAME FOR THE WESTBOUND DIRECTION IN PHASE II.
3. SHIFT TRAFFIC TO THE INSIDE WHILE MAINTAINING A MINIMUM OF 2 12 FT WIDE LANES AND 2 FT WIDE SHOULDERS IN THE EASTBOUND DIRECTION.
4. COMPLETE RAMP C ON-RAMP WIDENING SOUTH, INCLUDING THE CONSTRUCTION OF A 49 FT WIDE SECTION OF THE PROPOSED BRIDGE.
5. NO WORK ZONE OR TRAFFIC CONTROL ON PARKING AREA OR ACCESS ROAD.

PHASE III:

1. MAINTAIN REST AREA TRAFFIC AT ALL TIMES.
2. INSTALL PORTABLE BARRIER RAIL ON I-40 WESTBOUND LANES AS SHOWN IN THE TRAFFIC CONTROL PLANS.
3. SHIFT TRAFFIC TO THE INSIDE WHILE MAINTAINING A MINIMUM OF 2 12 FT WIDE LANES AND 2 FT WIDE SHOULDERS IN THE WESTBOUND DIRECTION.
4. EASTBOUND TRAFFIC SHALL BE OPENED TO 3 12 FT WIDE LANES, A 3 FT WIDE SHOULDER ON THE INSIDE, AND A 12 FT WIDE OUTSIDE SHOULDER.
5. COMPLETE RAMP D OFF-RAMP WIDENING NORTH, INCLUDING THE CONSTRUCTION OF A 49 FT WIDE SECTION OF THE PROPOSED BRIDGE.

PHASE IV:

1. MAINTAIN REST AREA TRAFFIC AT ALL TIMES.
2. INSTALL PORTABLE BARRIER RAIL ALONG INSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS.
3. SHIFT TRAFFIC TO THE OUTSIDE WHILE MAINTAINING A MINIMUM OF 3 11 FT WIDE LANES, 2 FT WIDE INSIDE SHOULDERS, AND VARIED OUTSIDE SHOULDER WIDTHS.
4. REMOVE THE TEMPORARY PAVEMENT AND COMPLETE ALL MEDIAN WORK INCLUDING INSTALLING THE PERMANENT MEDIAN BARRIER.
5. NO WORK ZONE OR TRAFFIC CONTROL ON PARKING AREA OR ACCESS ROAD.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM

TABULATED TRAFFIC CONTROL QUANTITIES							
ITEM NO.	DESCRIPTION	UNIT	PHASE I QUANTITY 80I040-F0-009	PHASE II QUANTITY	PHASE III QUANTITY	PHASE IV QUANTITY	TOTAL QUANTITY
712-06	SIGNS (CONSTRUCTION)	S.F.					843
712-02.10	PORTABLE BARRIER RAIL (MASH TL-3)	L.F.	6330	7880	5290	3760	7880
712-01	TRAFFIC CONTROL	LS					1
712-04.50	BARRIER RAIL DELINEATOR	EACH	317	394	265	188	394
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	5	4	2	2	5
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	252	281	132	216	281
712-08.03	ARROW BOARD (TYPE C)	EACH	2	1			2
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	L.F.	37196	18223	16945	18259	90623
712-05.01	WARNING LIGHTS (TYPE A)	EACH	15	6		6	15
712-05.03	WARNING LIGHTS (TYPE C)	EACH	222	209	132	205	222
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	293	2207	523		3023
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	193	1446	344		1983
411-02.10	ACS MIX(PG70-22) GRADING D	TON	136	1018	242		1396

TRAFFIC CONTROL SIGN TABULATION												
M.U.T.C.D. SIGN NO.	LEGEND	SIZE IN INCHES L X W	S.F.	NO. REQUIRED PHASE I	NO. REQUIRED PHASE II	NO. REQUIRED PHASE III	NO. REQUIRED PHASE IV	TOTAL NO. REQUIRED	ITEM NO. 712-06 S.F.	STANDARD DRAWING NO.	REMARKS	
W20-1	ROAD WORK 1 MILE	48" X 48"	16	4	4	4	4	4	64.00			
W20-1	ROAD WORK 1/2 MILE	48" X 48"	16	4	4	4	4	4	64.00			
W20-1	ROAD WORK 1000 FT	48" X 48"	16	4	4	4	4	4	64.00			
W3-5	REDUCED SPEED LIMIT AHEAD	48" X 48"	16	4	4	4	4	4	64.00			
W3-5A	55 MPH SPEED ZONE AHEAD	48" X 48"	16	4	4	4	4	4	64.00			
W21-5B	RIGHT SHOULDER CLOSED 1500 FT	48" X 48"	16	2				2	32.00			
W21-5B	RIGHT SHOULDER CLOSED 1000 FT	48" X 48"	16	1	1			1	16.00			
W21-5BR	RIGHT SHOULDER CLOSED 1500 FT	48" X 48"	16	1				1	16.00			
W21-5A	RIGHT SHOULDER CLOSED	48" X 48"	16	3	1			3	48.00			
W1-4BL	REVERSE CURVE (2 LANE)	48" X 48"	16	4	4	2		4	64.00			
W1-4BR	REVERSE CURVE (2 LANE)	48" X 48"	16	4	4	2		4	64.00			
W24-1AL	DOUBLE REVERSE CURVE (2 LANE)	48" X 48"	16	1			4	4	64.00			
G20-1	ROAD WORK NEXT 1 MILE	36" X 18"	5	4	4	2	4	4	18.00			
G20-2	END ROAD WORK	48" X 24"	8	4	4	4	4	4	32.00			
R4-9	STAY IN LANE	48" X 60"	20	4	4	2	4	4	80.00			
E5-1	EXIT	78" X 60"	33	1	2	1		2	65.00			
E5-2	EXIT OPEN	48" X 36"	12	1	2	1		2	24.00			
TOTAL									843	S.F.		

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-2

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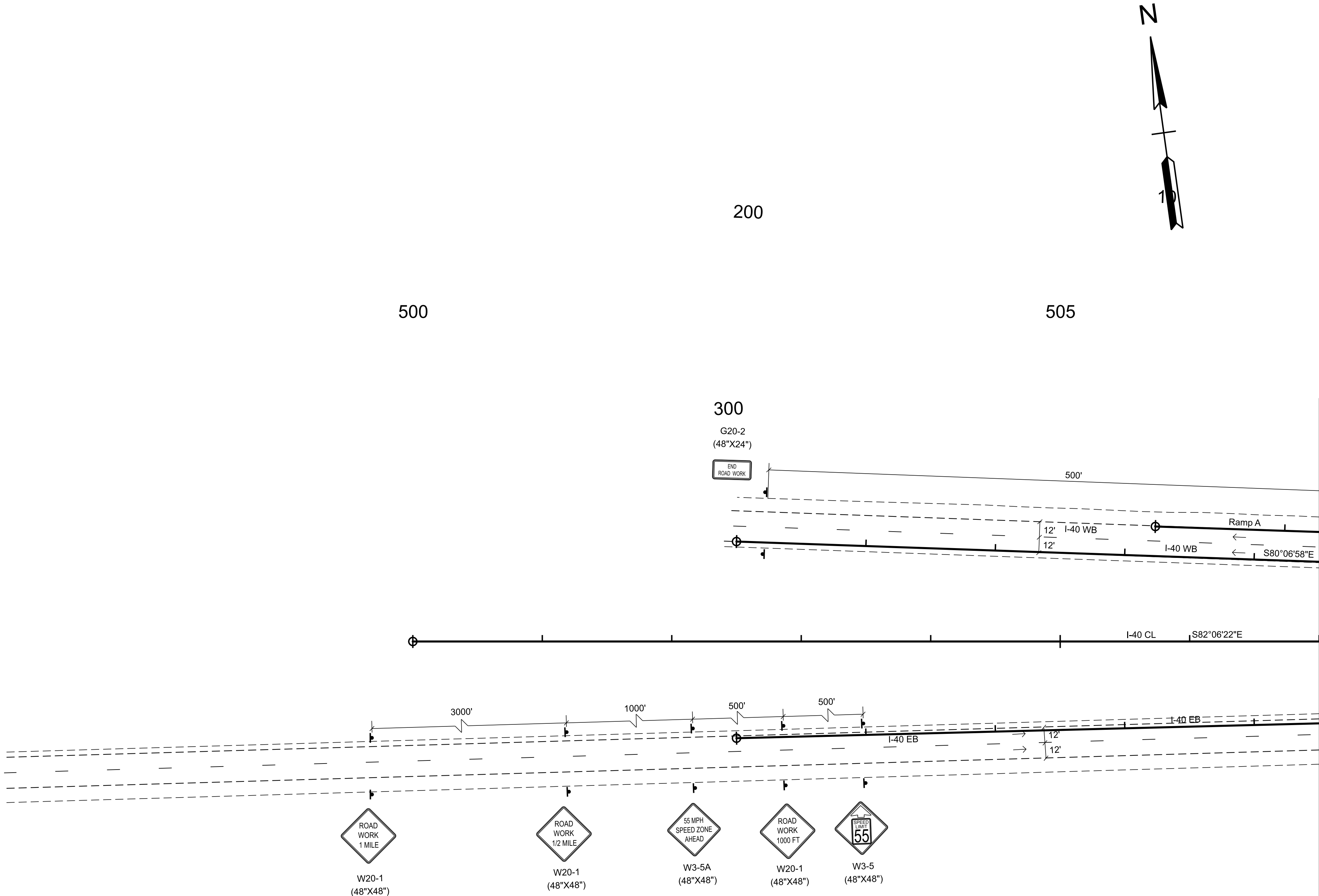
INFO ONLY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASING NOTES,
LEGEND AND
TABULATION

- NOTES:
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 - ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 - DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 - DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 - DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 - EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
 - PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
 - RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
 - RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
 - THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-3A

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INFO ONLY

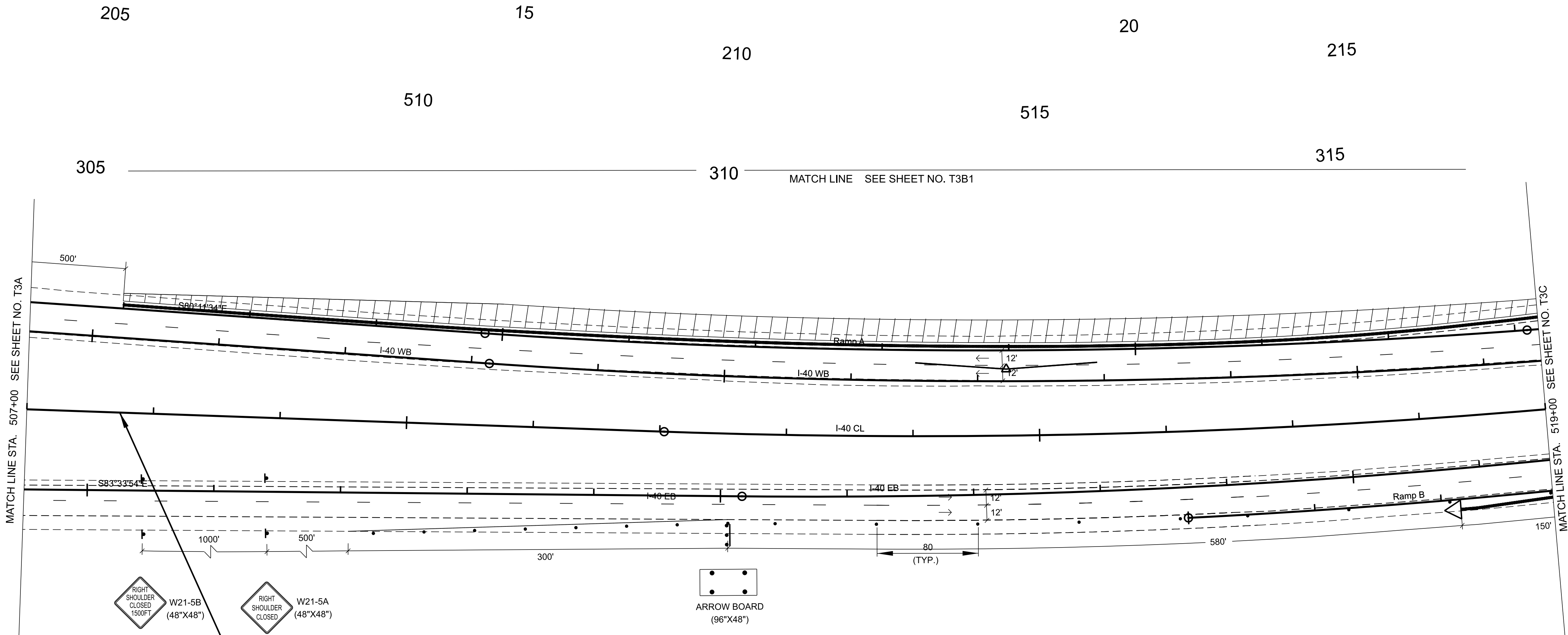
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE I

STA. 495+00.00 TO STA. 507+00.00
SCALE: 1" = 50'

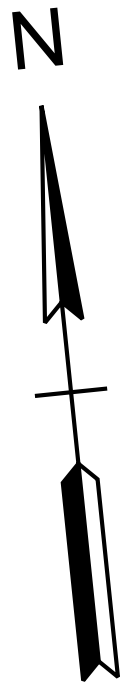
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-3B



80I040-S1-009
BEGIN PROJECT NO. NH-I-40-5(161) CONSTRUCTION
STA. 507+73.40

- NOTES:
- N 657280.5939 E 2023041.7371
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 6. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
 7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
 8. RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
 9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
 10. THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⏏	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
⦿	TRAFFIC DRUM



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INFO ONLY







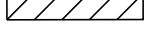
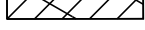

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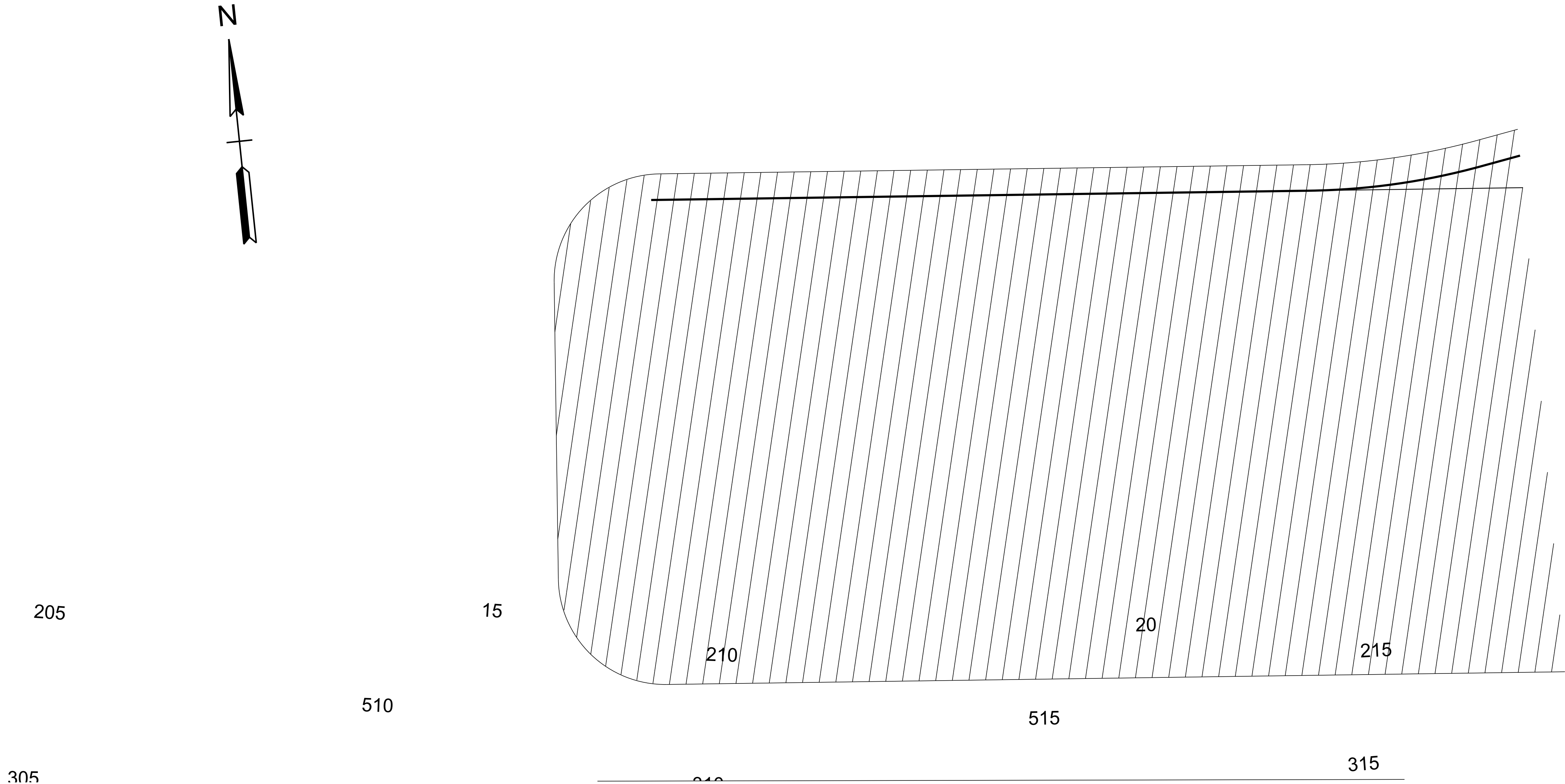
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE I

STA. 507+00.00 TO STA. 519+00.00
SCALE: 1" = 50'

- NOTES:
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-3B1

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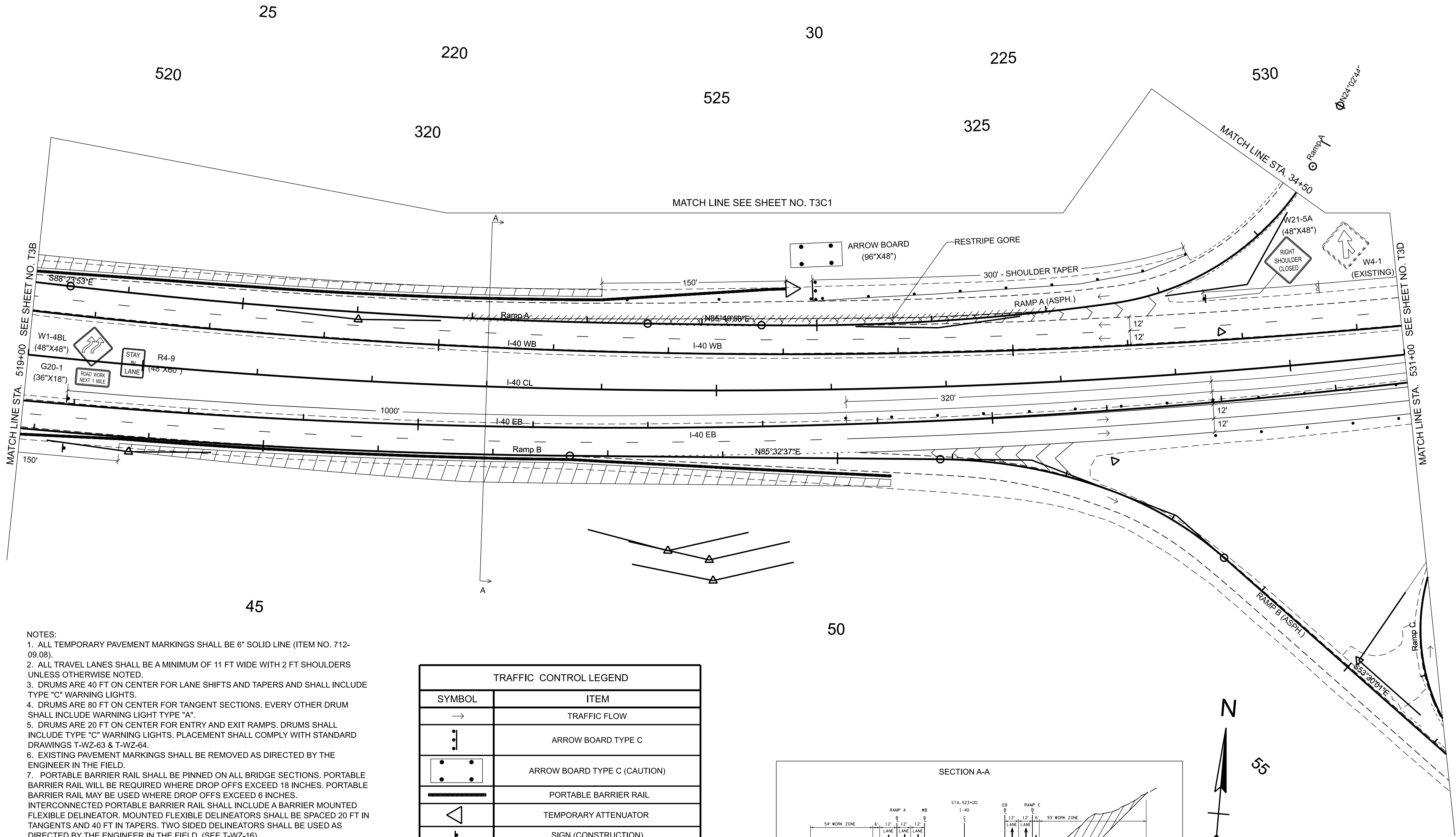
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE I

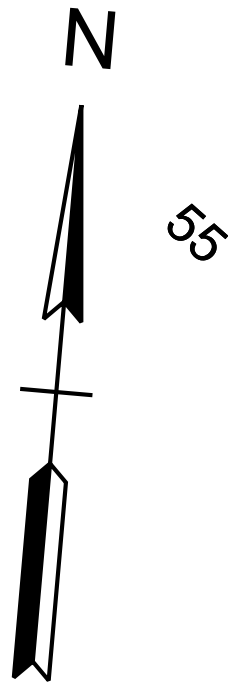
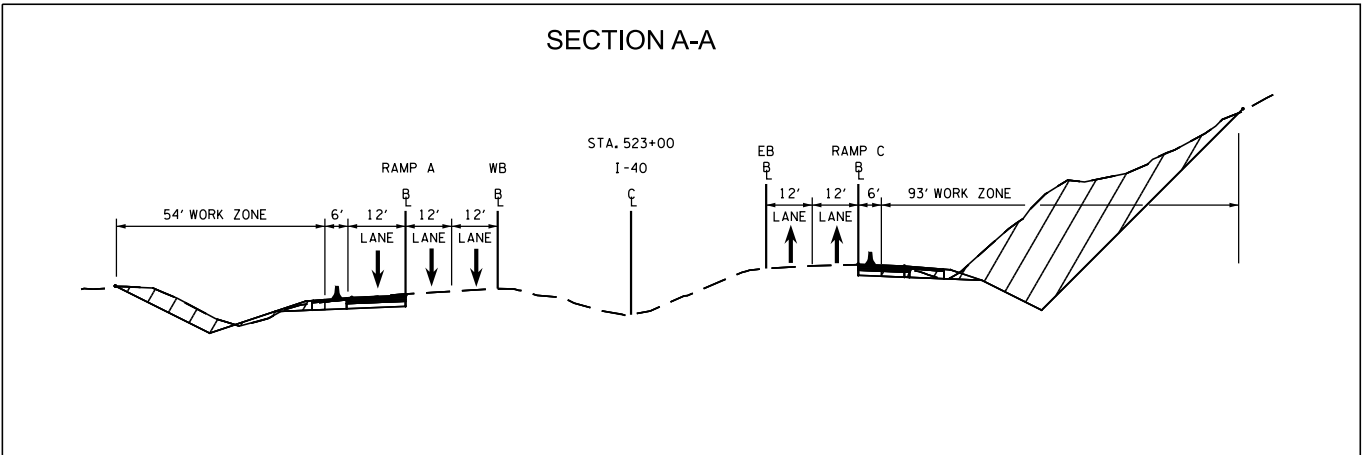
STA. 2+00.00 TO STA. 29+53.59
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-3C



- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
⋮	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⏏	SIGN (CONSTRUCTION)
▨	WORK ZONE
▩	WORK ZONE UNDER TRAFFIC
●	TRAFFIC DRUM



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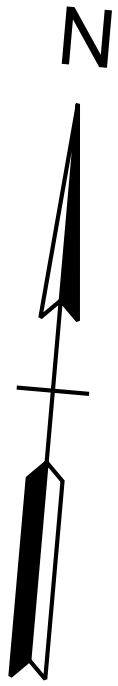
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE I

STA. 519+00.00 TO STA. 531+00.00
SCALE: 1" = 50'

- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
<div><div></div><div></div><div></div></div>	ARROW BOARD TYPE C (CAUTION)
<div><div></div><div></div></div>	PORTABLE BARRIER RAIL
<div><div></div></div>	TEMPORARY ATTENUATOR
<div><div></div></div>	SIGN (CONSTRUCTION)
<div><div></div></div>	WORK ZONE
<div><div></div></div>	WORK ZONE UNDER TRAFFIC
e	TRAFFIC DRUM



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-3C1

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INFO ONLY

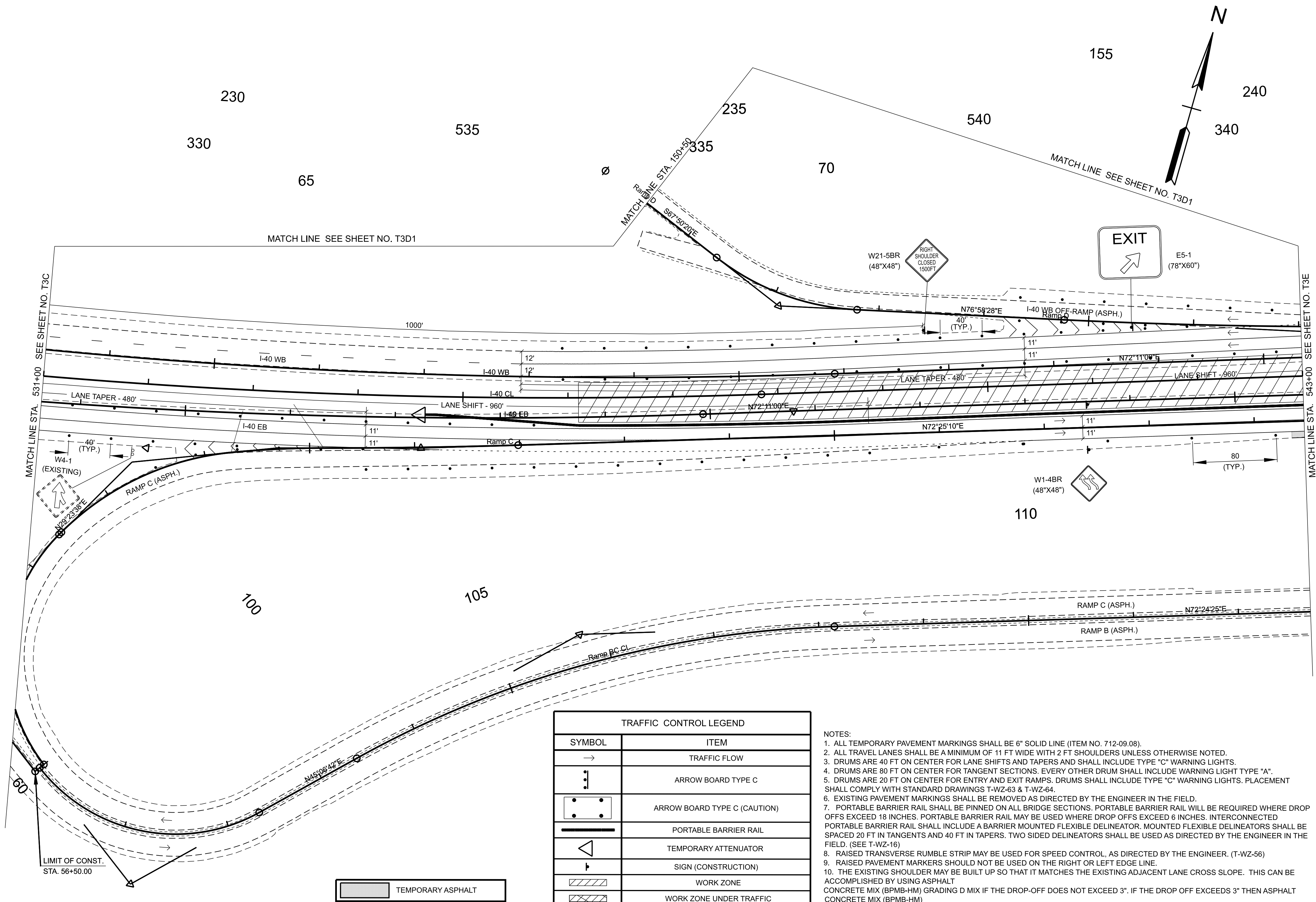
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE I

STA. 2+00.00 TO STA. 28+50.32
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-3D



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
↓	ARROW BOARD TYPE C
↓	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⊥	SIGN (CONSTRUCTION)
▨	WORK ZONE
▩	WORK ZONE UNDER TRAFFIC
⊙	TRAFFIC DRUM

- NOTES:
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INFO ONLY

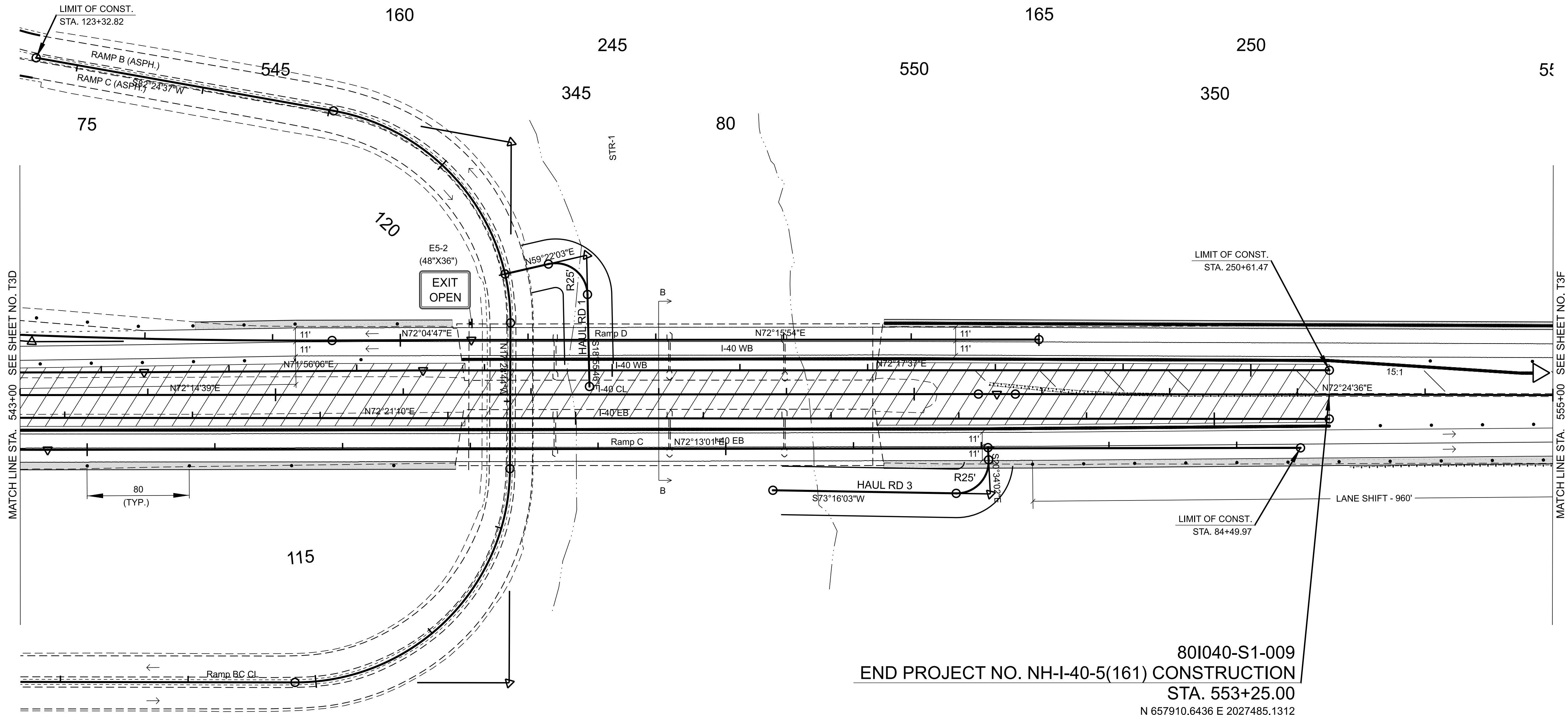
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE I

STA. 531+00.00 TO STA. 543+00.00
SCALE: 1" = 50'

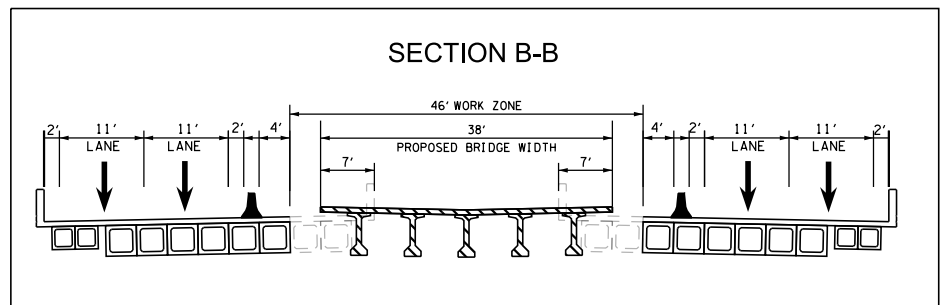
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-3E



80I040-S1-009
END PROJECT NO. NH-I-40-5(161) CONSTRUCTION
STA. 553+25.00

- N 657910.6436 E 2027485.1312
- NOTES:
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
↓	ARROW BOARD TYPE C
↓	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⬮	SIGN (CONSTRUCTION)
▨	WORK ZONE
▩	WORK ZONE UNDER TRAFFIC
●	TRAFFIC DRUM



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INFO ONLY

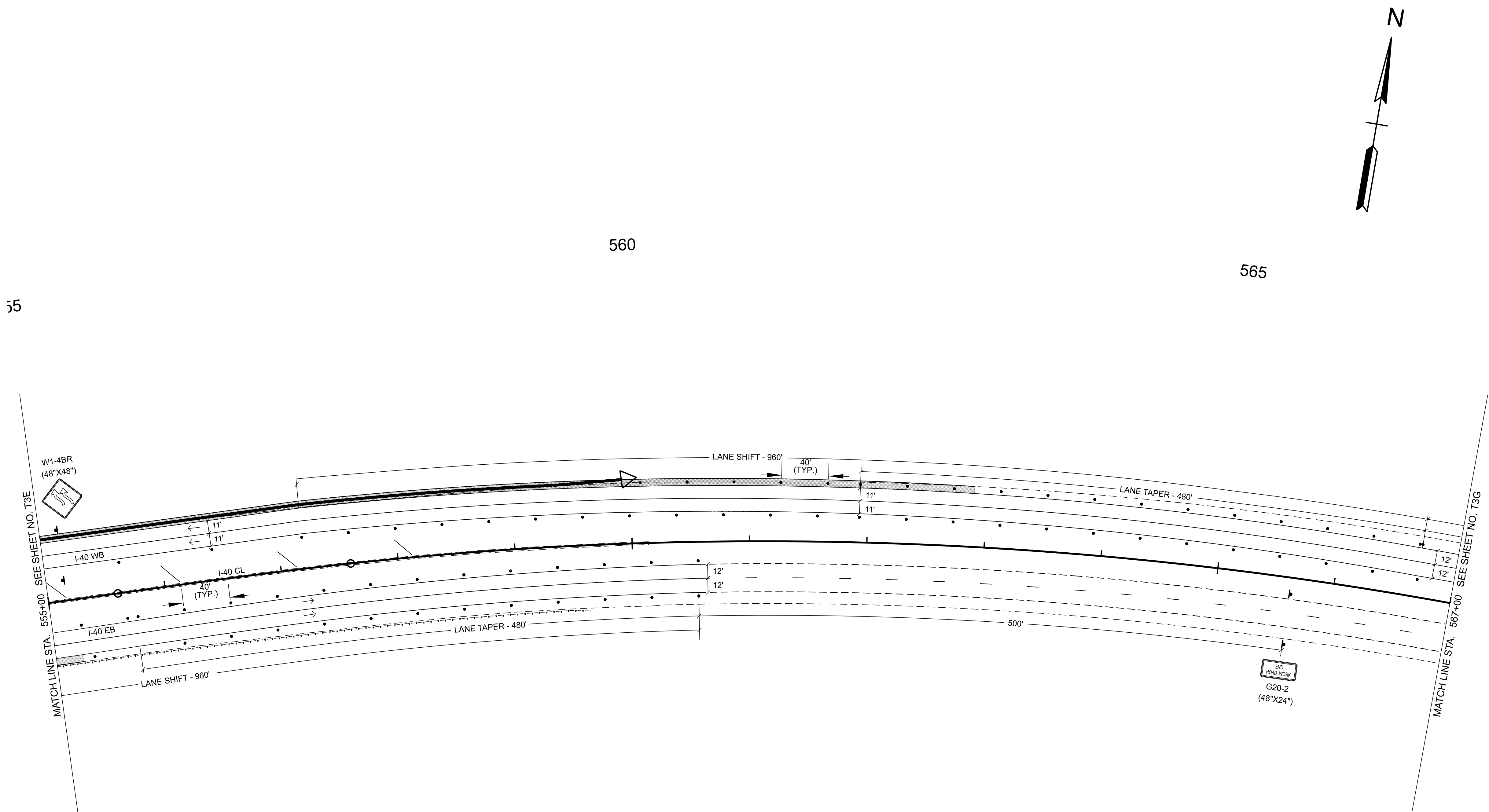
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE I

STA. 543+00.00 TO STA. 555+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-3F



- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 6. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
 7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
 8. RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
 9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
 10. THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM

	TEMPORARY ASPHALT
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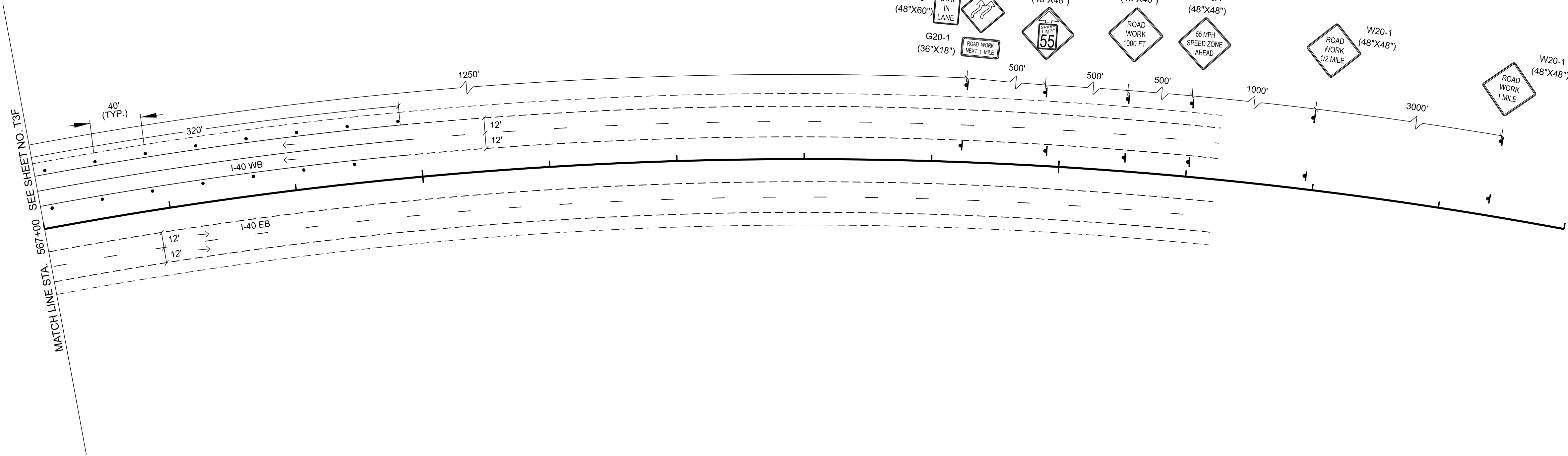
INFO ONLY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE I

STA. 555+00.00 TO STA. 567+00.00
SCALE: 1" = 50'



- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMPS. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
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 7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
⬢	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⌞	SIGN (CONSTRUCTION)
▨	WORK ZONE
▩	WORK ZONE UNDER TRAFFIC
●	TRAFFIC DRUM

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-3G

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

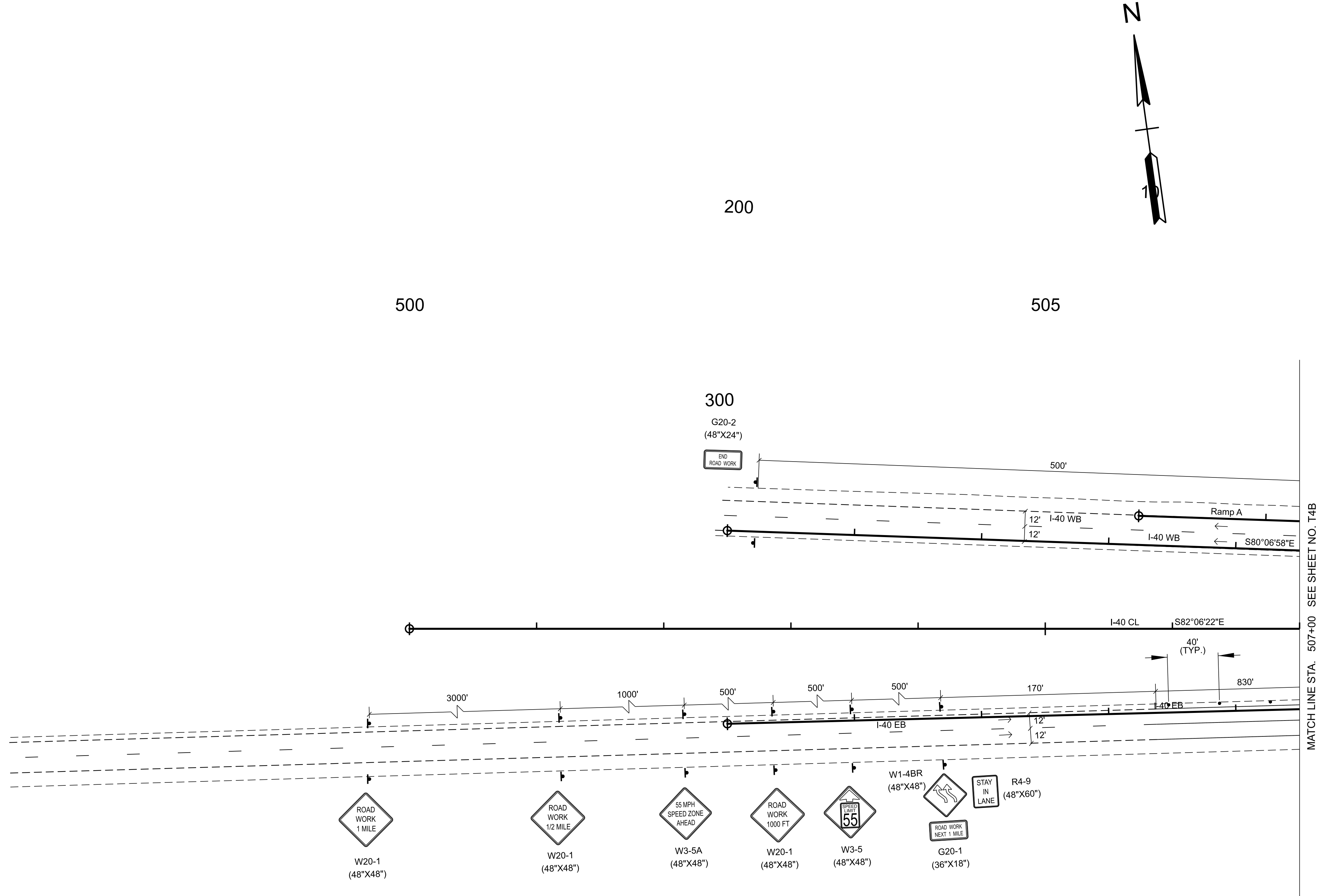
TRAFFIC CONTROL
PHASE I

STA. 567+00.00 TO STA. 579+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-4A

- NOTES:
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 - ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 - DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
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 - DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 - EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM



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INFO ONLY

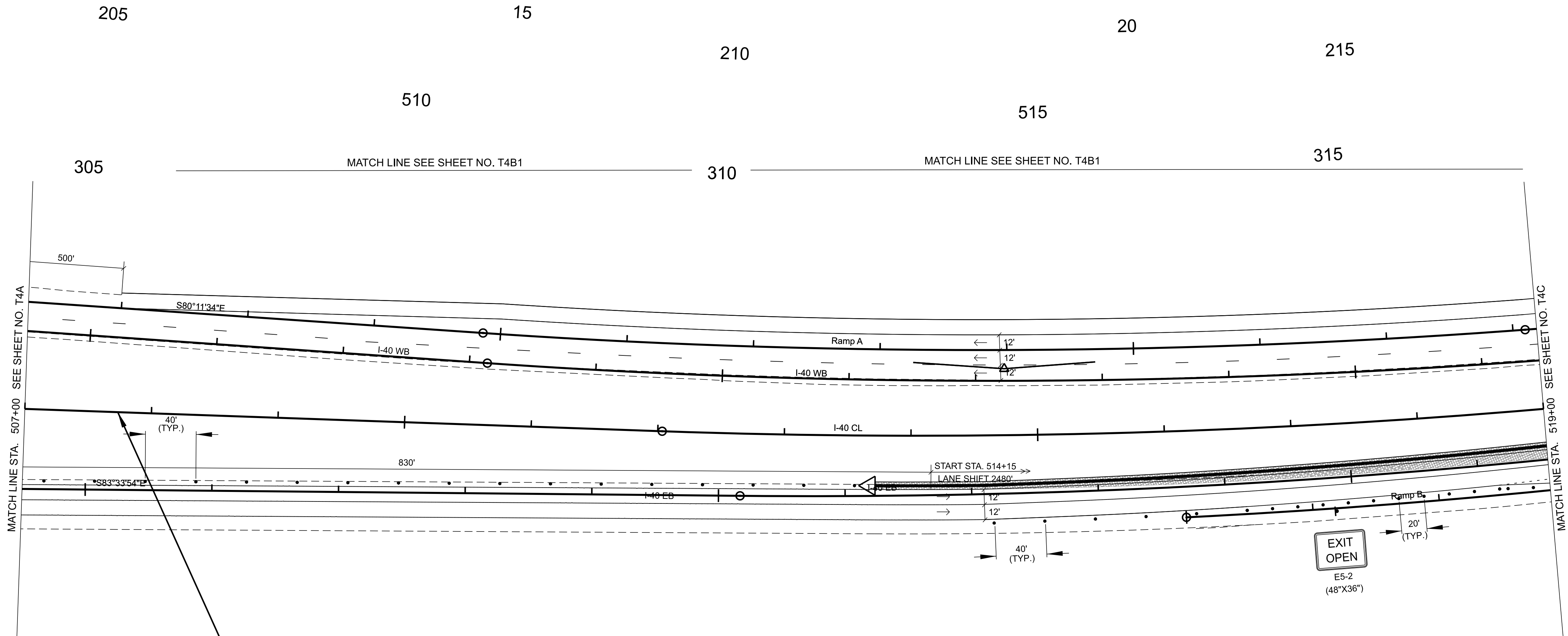
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE II

STA. 495+00.00 TO STA. 507+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-4B



80I040-S1-009
BEGIN PROJECT NO. NH-I-40-5(161) CONSTRUCTION
STA. 507+73.40

- NOTES:
- N 657280.5939 E 2023041.7371
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 - ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 - DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
⋮ ⋮ ⋮	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⬮	SIGN (CONSTRUCTION)
▨	WORK ZONE
▨	WORK ZONE UNDER TRAFFIC
⦿	TRAFFIC DRUM
▨	TEMPORARY ASPHALT

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INFO ONLY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

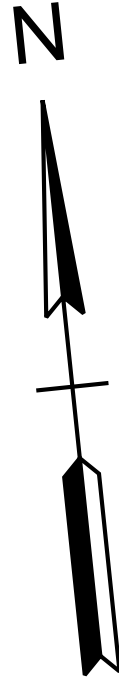
TRAFFIC CONTROL
PHASE II

STA. 507+00.00 TO STA. 519+00.00
SCALE: 1" = 50'

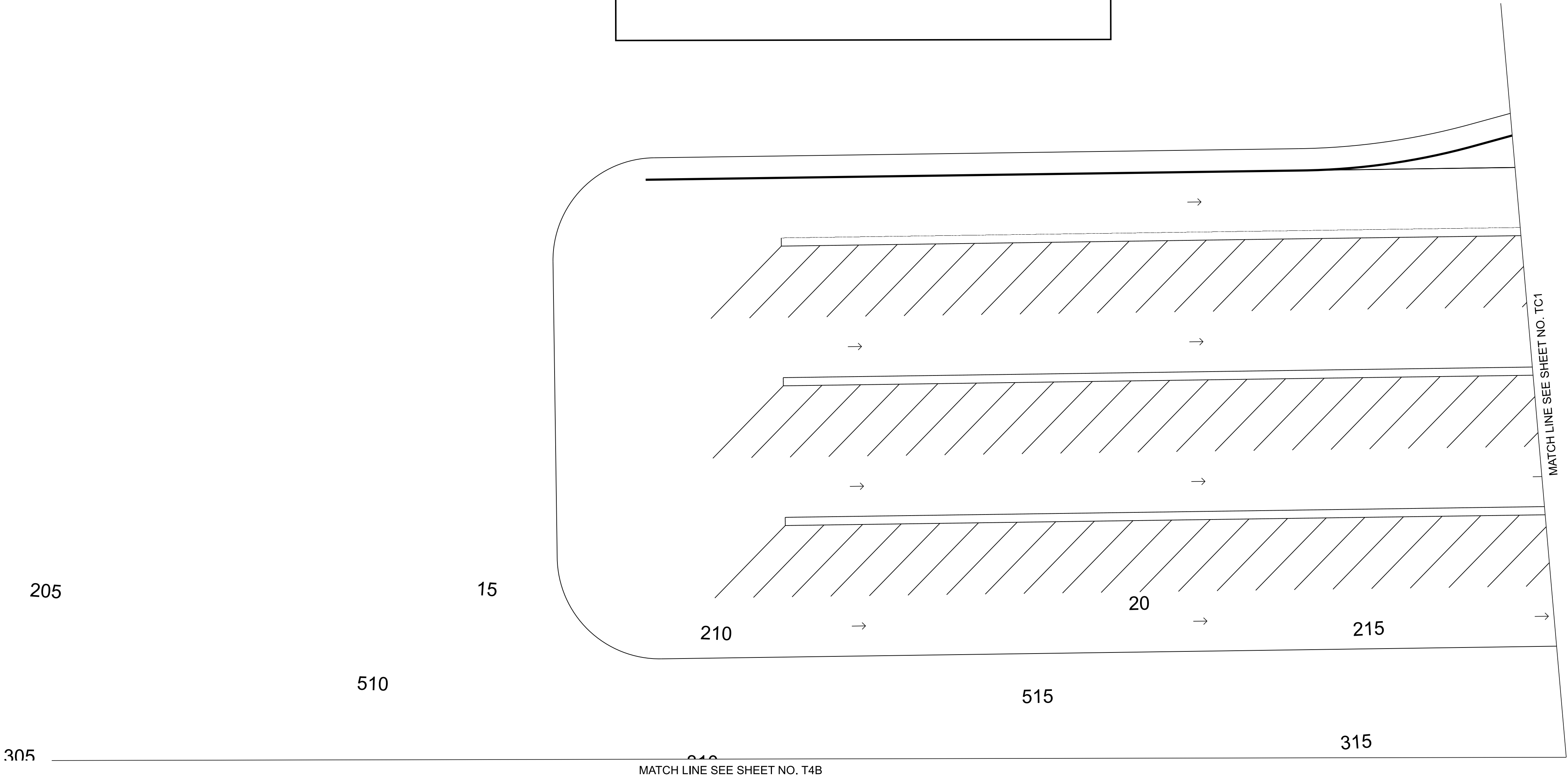
4/17/2025 2:15:43 PM \\HMBTN041VOL2\ENGR\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH11\TRAFFIC CONTROL\801040-SHT-T-TRAFFIC CONTROL-II.DGN

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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
⬢	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⌋	SIGN (CONSTRUCTION)
▨	WORK ZONE
▩	WORK ZONE UNDER TRAFFIC
●	TRAFFIC DRUM



NO TRAFFIC CONTROL
OR WORK ZONE



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-4B1

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INFO ONLY

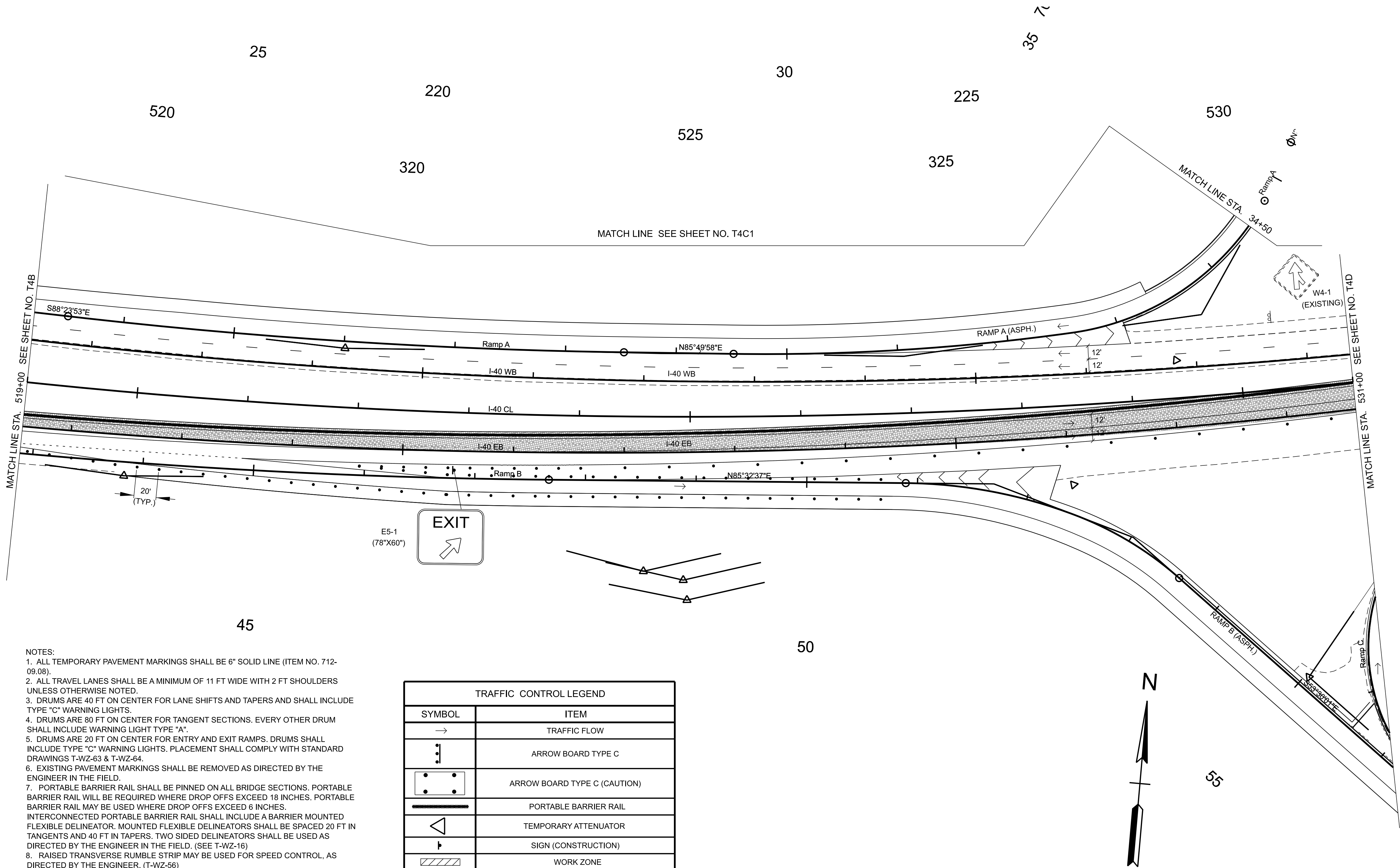
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**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL
PHASE II**

STA. 2+00.00 TO STA. 29+53.59
SCALE: 1" = 50'

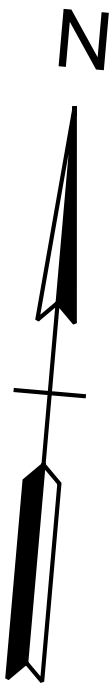
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-4C



- NOTES:
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
⋮	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⏏	SIGN (CONSTRUCTION)
▨	WORK ZONE
▨	WORK ZONE UNDER TRAFFIC
⦿	TRAFFIC DRUM

TEMPORARY ASPHALT



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DEPARTMENT OF TRANSPORTATION

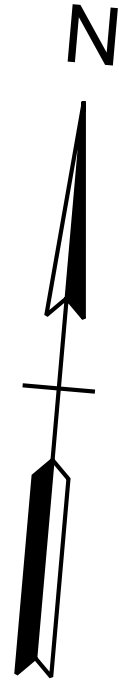
TRAFFIC CONTROL
PHASE II

STA. 519+00.00 TO STA. 531+00.00
SCALE: 1" = 50'

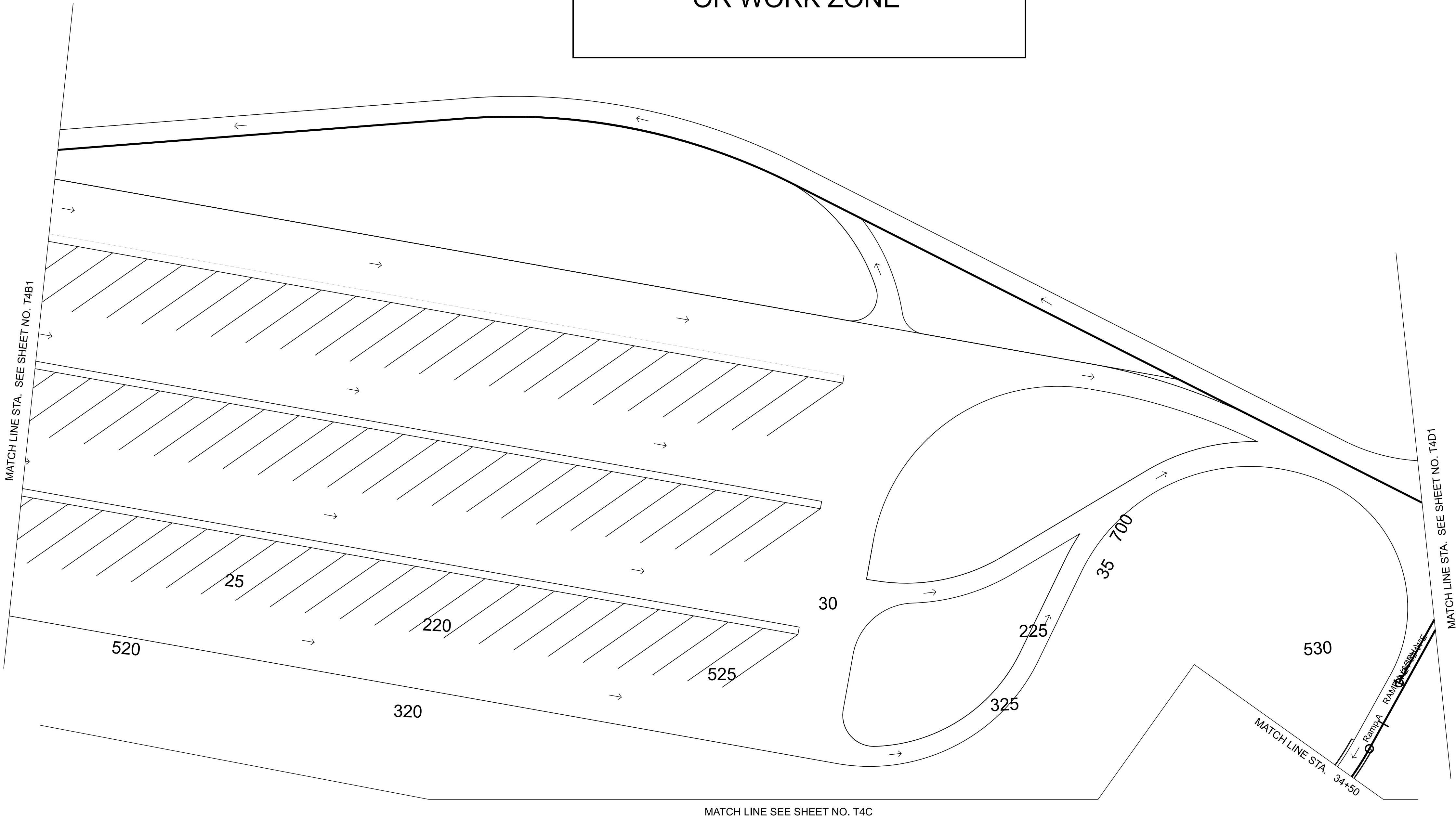
4/17/2025 2:15:23 PM \\HMBTN041VOL2\ENGR\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH11\TRAFFIC CONTROL\801040-SHT-T-TRAFFIC CONTROL-II.DGN

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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM



NO TRAFFIC CONTROL
OR WORK ZONE



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-4C1

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INFO ONLY

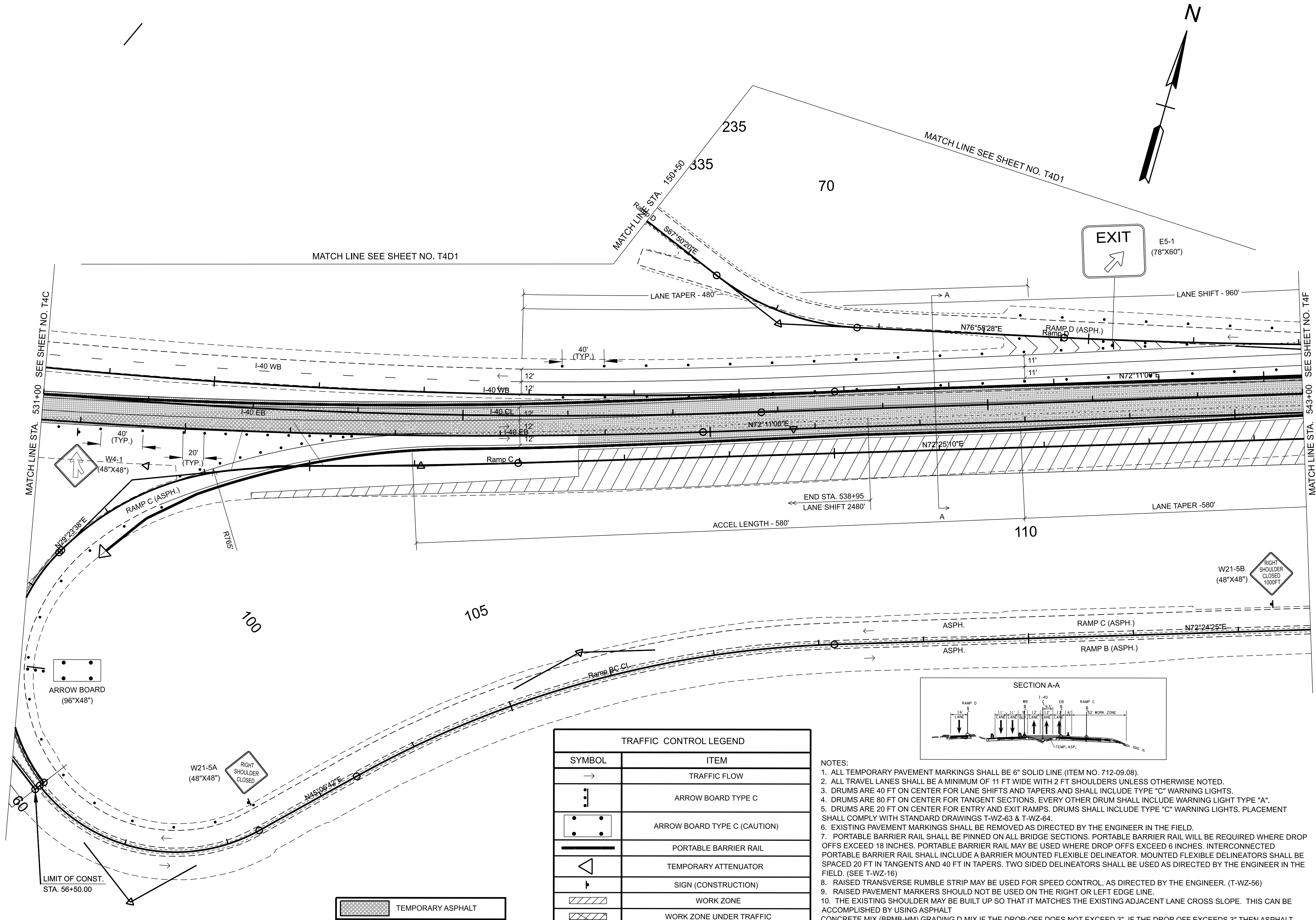
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE II

STA. 2+00.00 TO STA. 28+50.32
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-4D



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
⋮	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⋮	SIGN (CONSTRUCTION)
▨	WORK ZONE
▨	WORK ZONE UNDER TRAFFIC
●	TRAFFIC DRUM

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 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
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 7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
 8. RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
 9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
 10. THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

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INFO ONLY

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

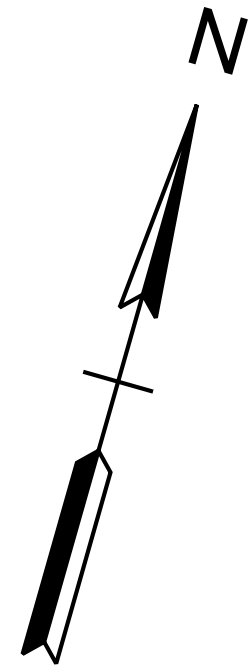
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE II

STA. 531+00.00 TO STA. 543+00.00
SCALE: 1" = 50'

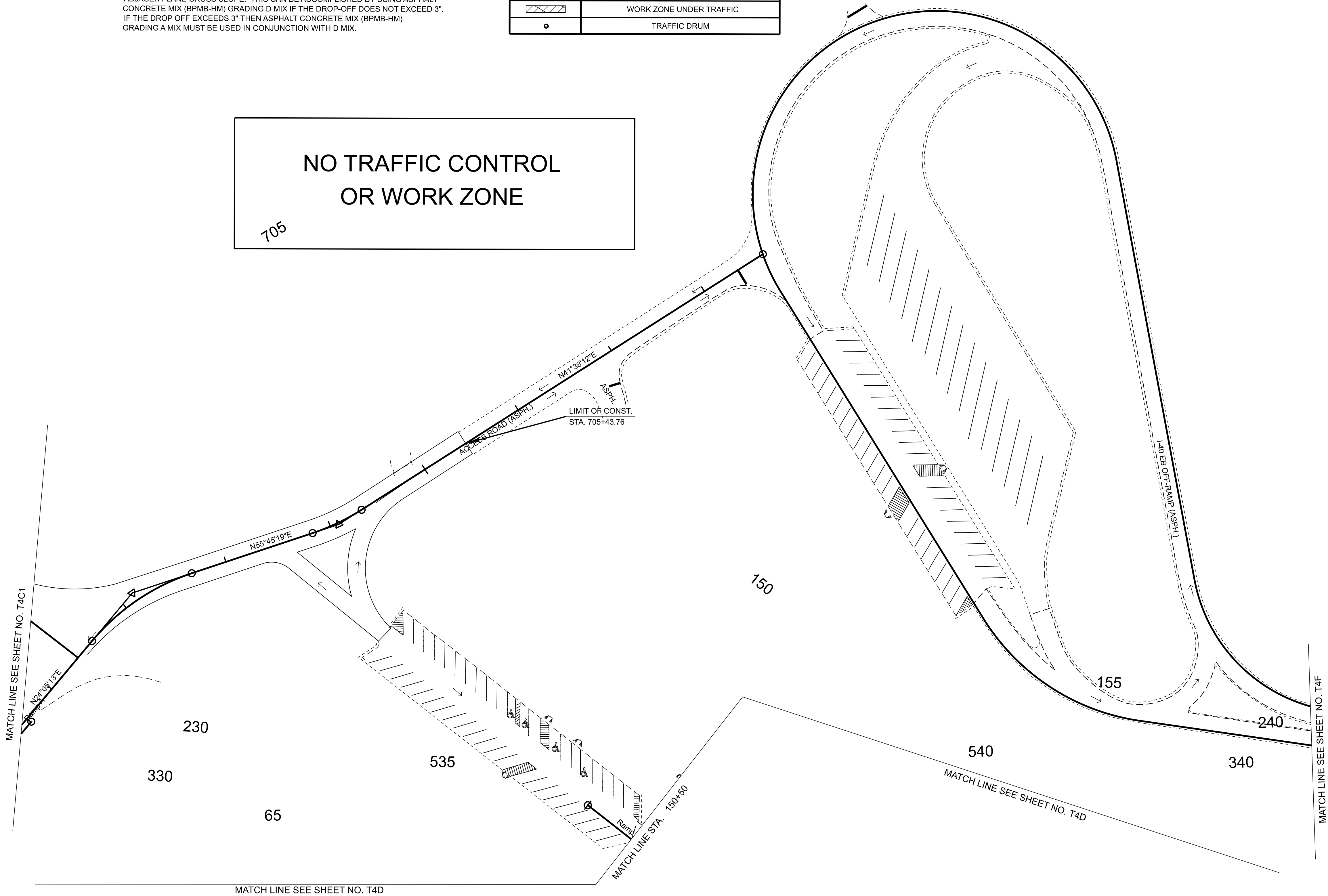
- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 6. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
 7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
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 9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
⬢	ARROW BOARD TYPE C (CAUTION)
▬	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⌋	SIGN (CONSTRUCTION)
▨	WORK ZONE
▧	WORK ZONE UNDER TRAFFIC
●	TRAFFIC DRUM



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-4D1

REV. ***DATE***
TEXT



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INFO ONLY

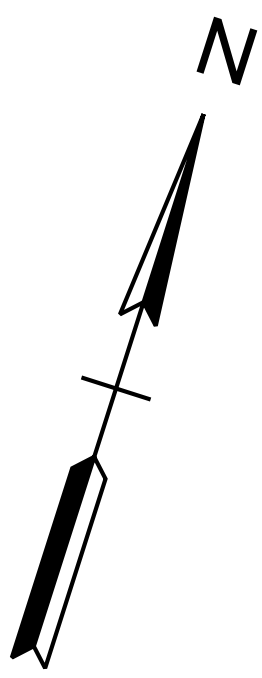
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

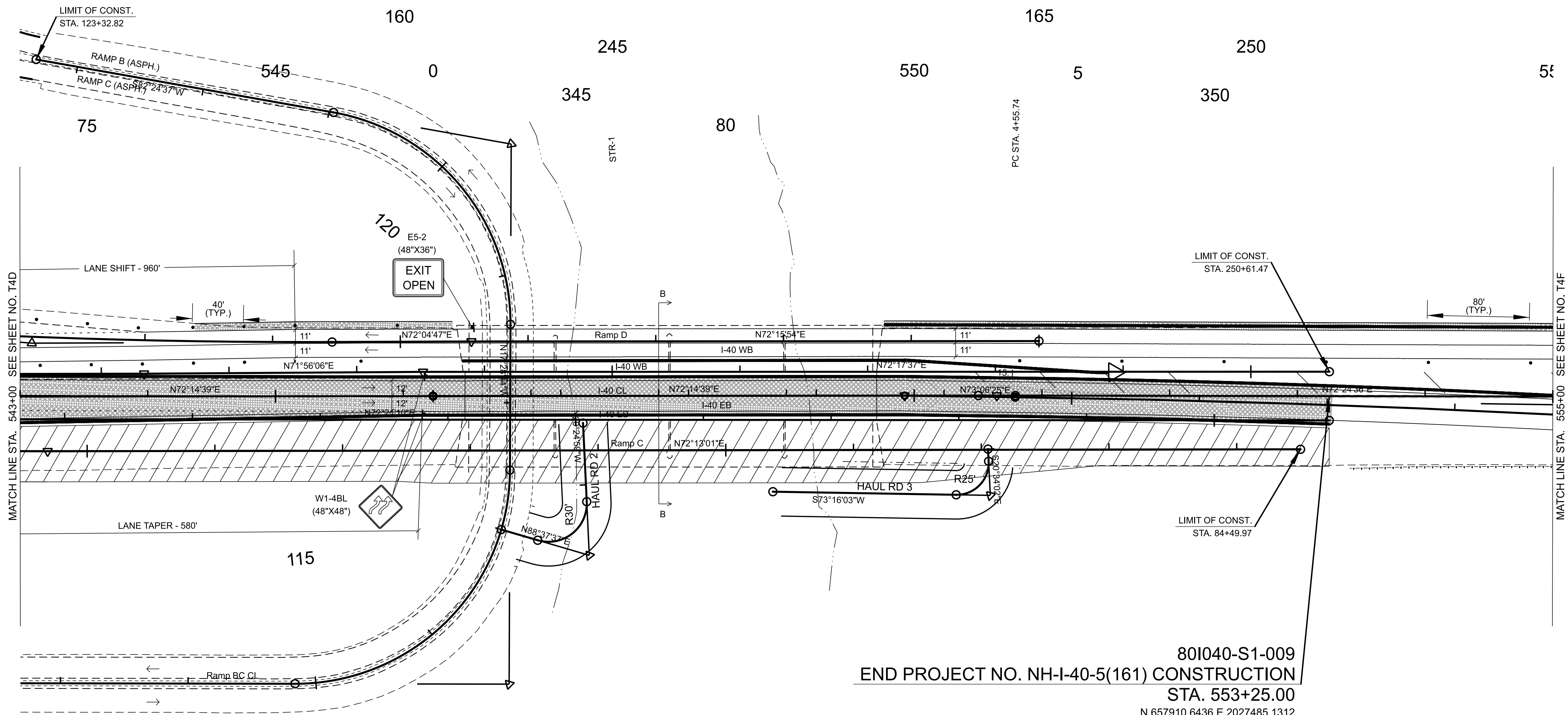
TRAFFIC CONTROL
PHASE II










STA. 2+00.00 TO STA. 29+56.09
SCALE: 1" = 50'

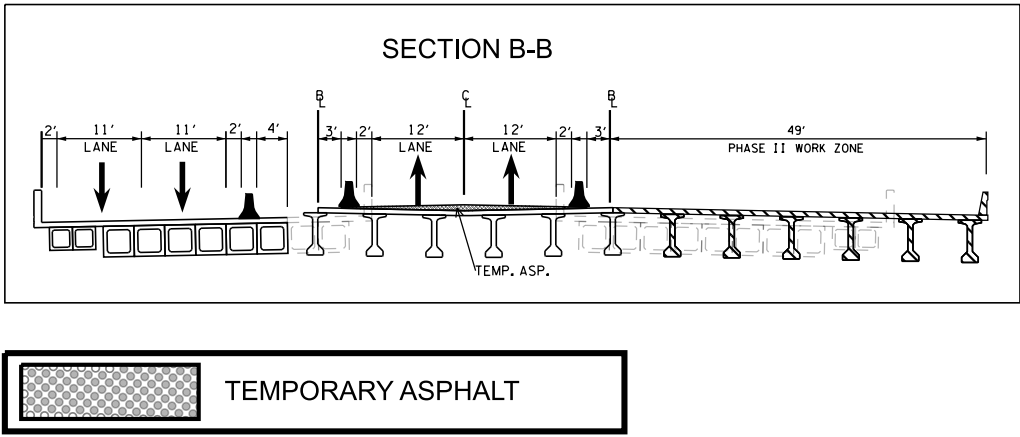
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-4E



Plan Annotation.Name	
CURVE 1	
PI	Linear Annotation.Arc PI Station
N	Plan Annotation.Arc PI
E	Plan Annotation.Arc PI
Δ	RT.
D	
R	
L	
T	
LC	Plan Annotation.Arc Chord
BC	Plan Annotation.Arc Chord Direction
SE	N.C.
DESIGN SPEED 55 MPH	



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM



80I040-S1-009
END PROJECT NO. NH-I-40-5(161) CONSTRUCTION
STA. 553+25.00

N 657910.6436 E 2027485.1312

NOTES:

1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-0908).
2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMPS. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
6. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES.
- INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
8. RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
10. THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

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INFO
ONLY

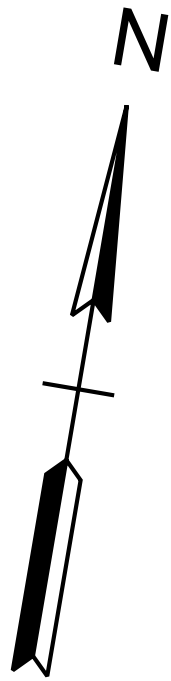
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

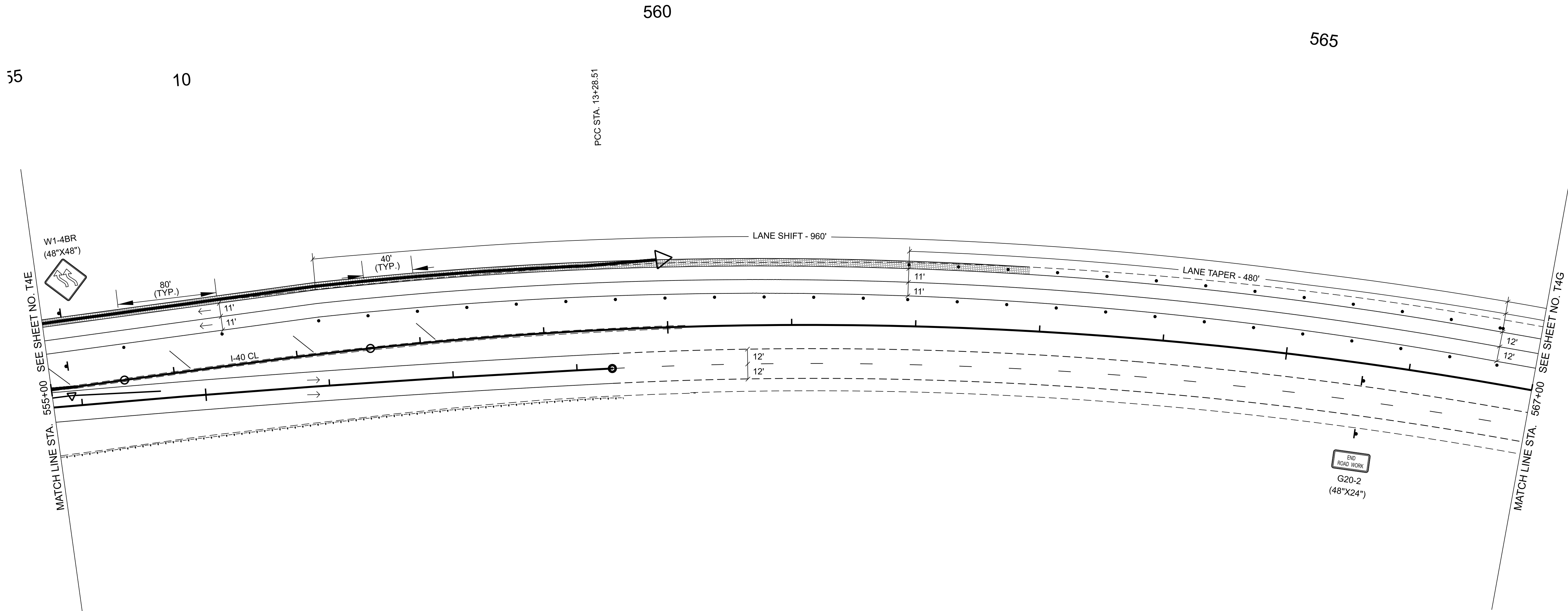
TRAFFIC CONTROL PHASE II

STA. 543+00.00 TO STA. 555+00.00
SCALE: 1" = 50'

EB TEMP
CURVE 1
PI 8+92.34
N 657961.9880
E 2027668.8345
Δ 04°20'54" RT.
D 00°29'54"
R 11500.00'
L 872.77'
T 436.59'
LC 872.56'
BC N75°16'51.5"E
SE N.C.
DESIGN SPEED 55 MPH



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-4F



- NOTES:
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 - ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 - DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 - DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 - DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
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 - RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
 - THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM



SEALED BY

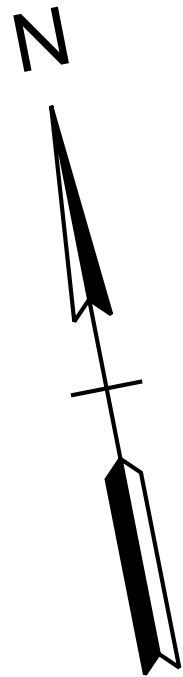
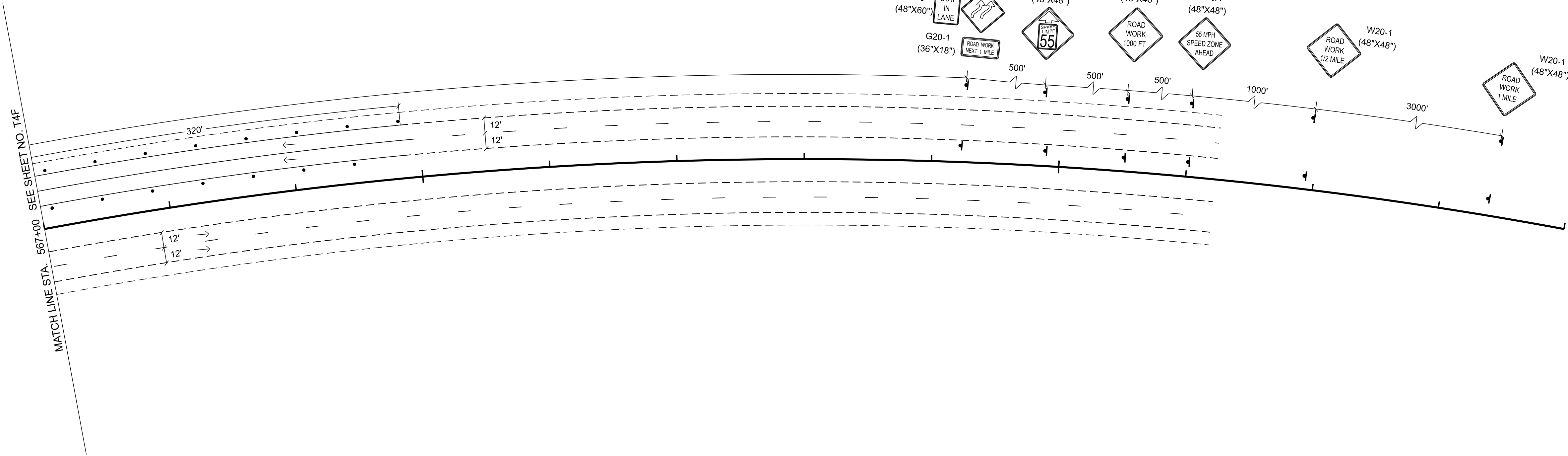
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE II

STA. 555+00.00 TO STA. 567+00.00
SCALE: 1" = 50'



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-4G

- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 6. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
 7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
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 9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
 10. THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
●	TRAFFIC DRUM

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INFO ONLY

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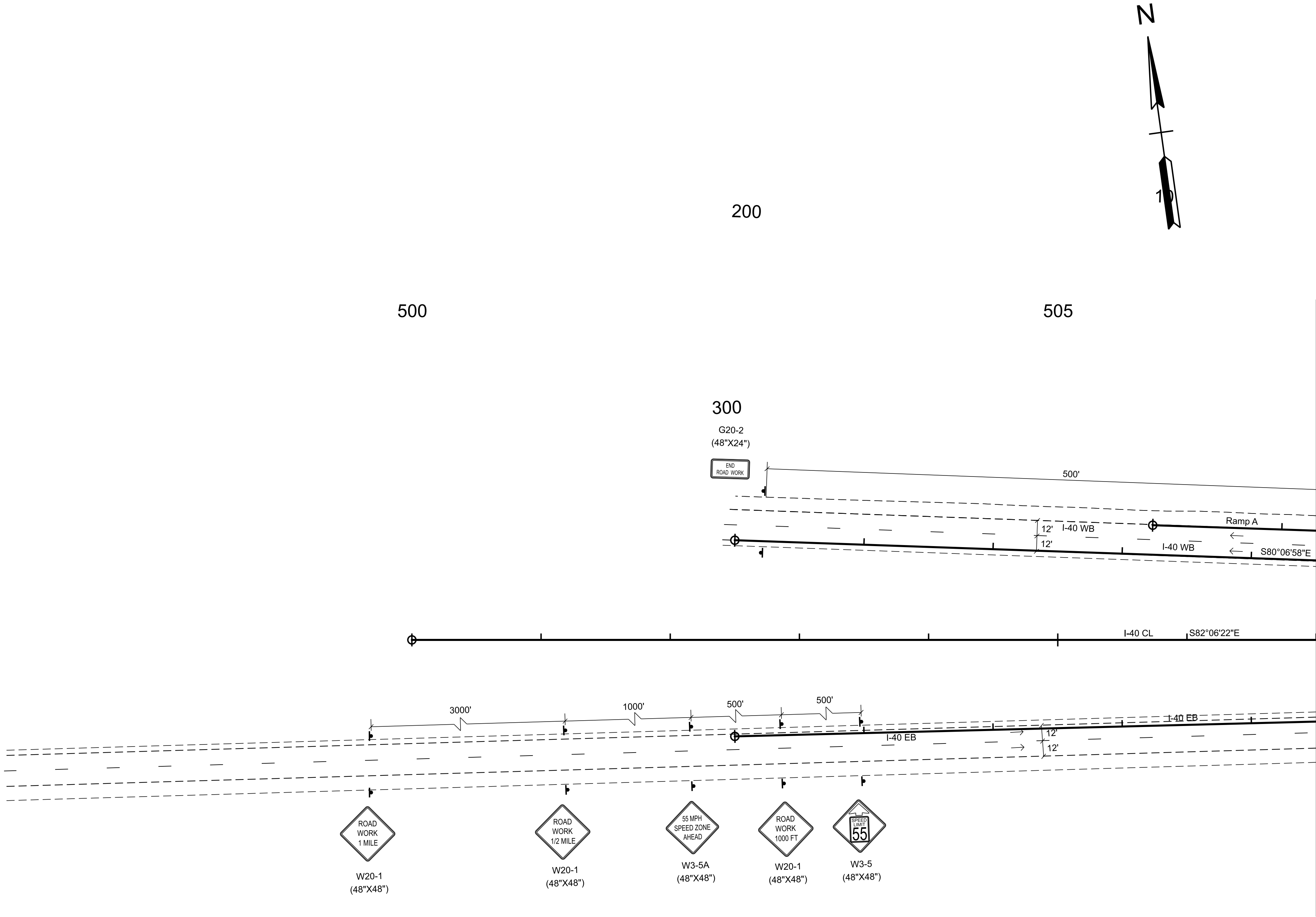
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE II

STA. 567+00.00 TO STA. 579+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-5A

- NOTES:
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 - ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 - DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 - DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 - DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMPS. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 - EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
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 - RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
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INFO ONLY

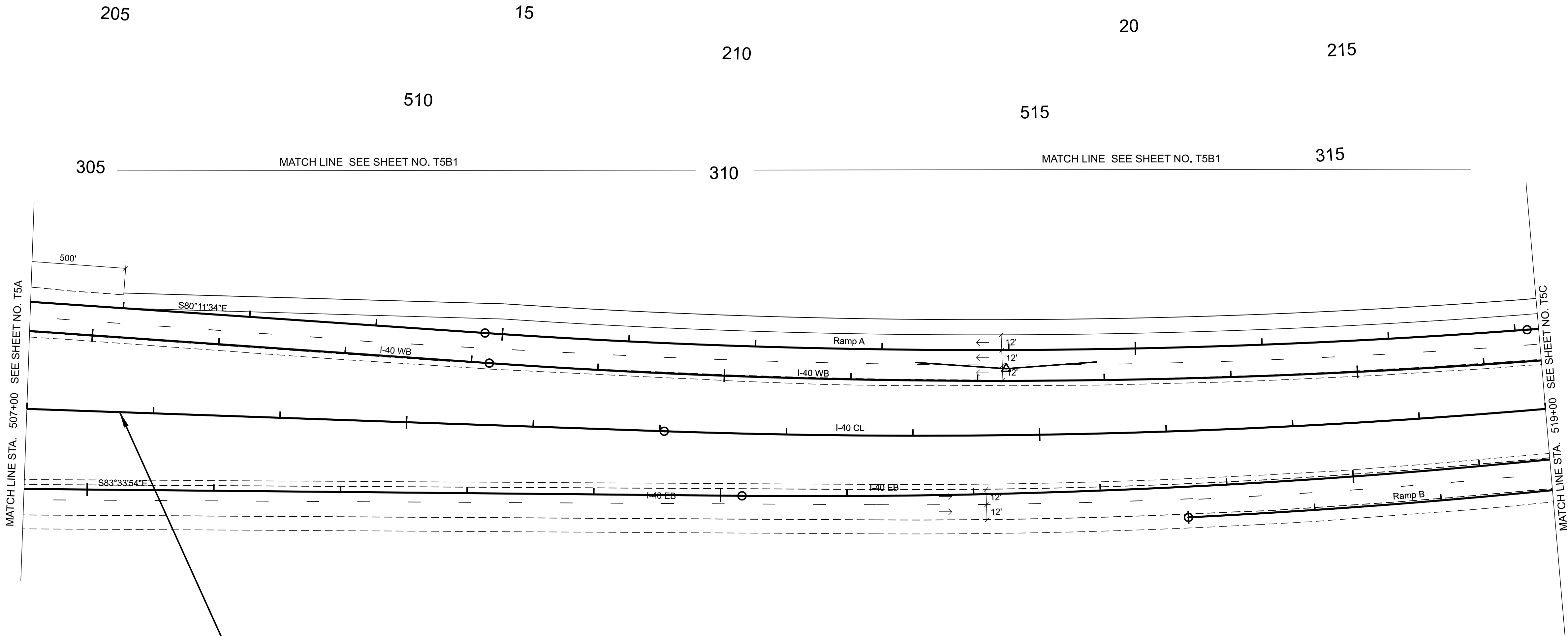
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE III

STA. 495+00.00 TO STA. 507+00.00
SCALE: 1" = 50'

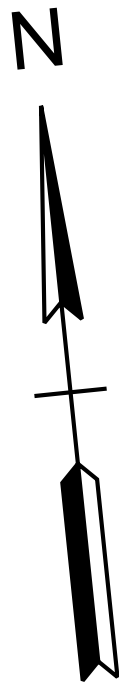
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-5B



80I040-S1-009
BEGIN PROJECT NO. NH-I-40-5(161) CONSTRUCTION
STA. 507+73.40

- NOTES: N 657280.5939 E 2023041.7371
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⌞	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
⦿	TRAFFIC DRUM



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INFO ONLY

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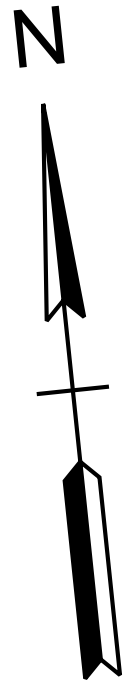
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE III

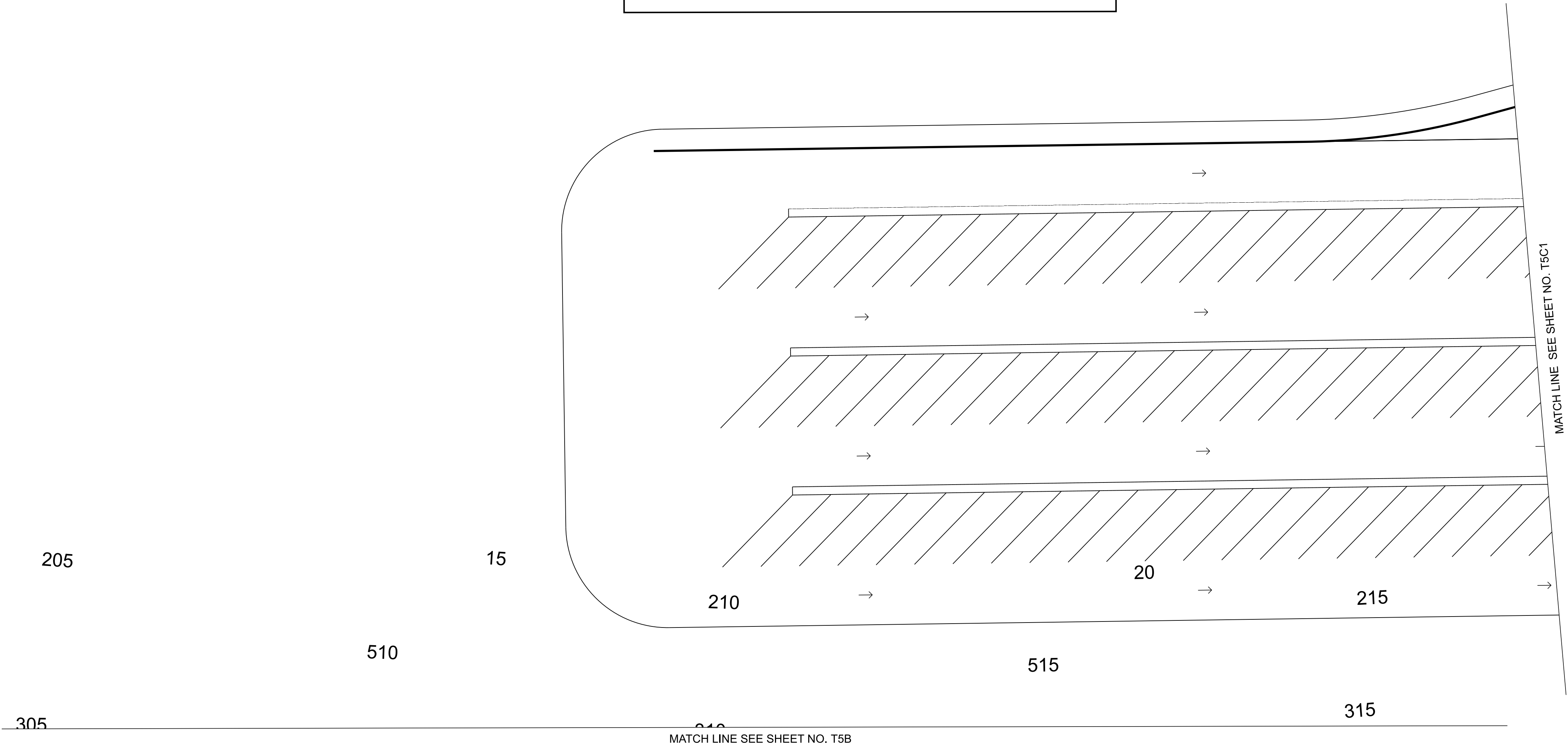
STA. 507+00.00 TO STA. 519+00.00
SCALE: 1" = 50'

NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
⬢	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⌞	SIGN (CONSTRUCTION)
▨	WORK ZONE
▩	WORK ZONE UNDER TRAFFIC
●	TRAFFIC DRUM



NO TRAFFIC CONTROL
OR WORK ZONE



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-5B1

SEALED BY

INFO ONLY

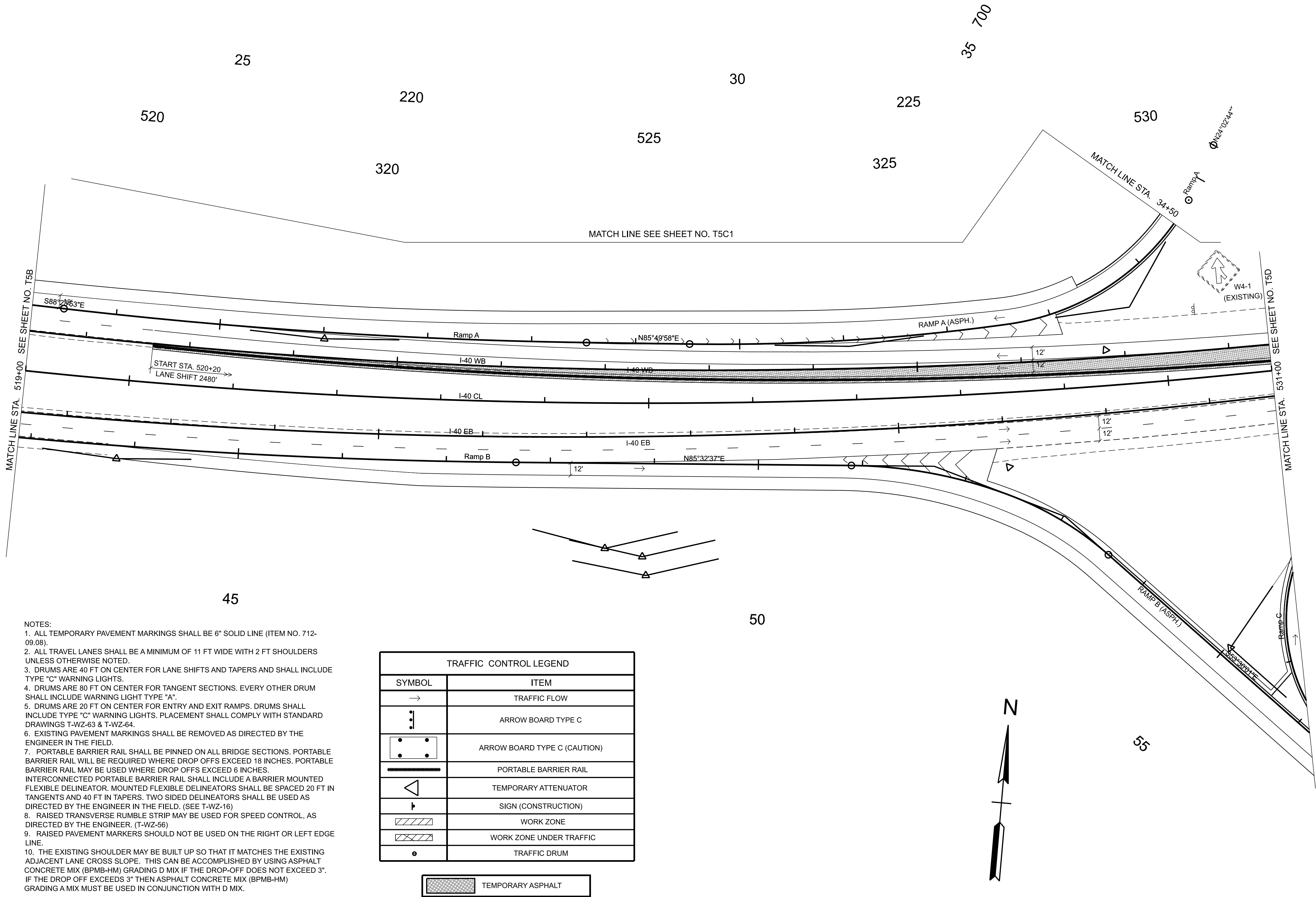
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE III

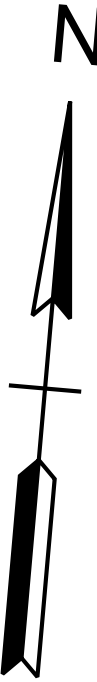
STA. 2+00.00 TO STA. 29+53.59
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-5C



- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 6. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
 7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
 8. RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
 9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
 10. THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
⋮	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⌋	SIGN (CONSTRUCTION)
▨	WORK ZONE
▨	WORK ZONE UNDER TRAFFIC
⦿	TRAFFIC DRUM
▨	TEMPORARY ASPHALT



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INFO ONLY

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

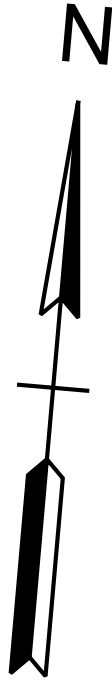
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE III

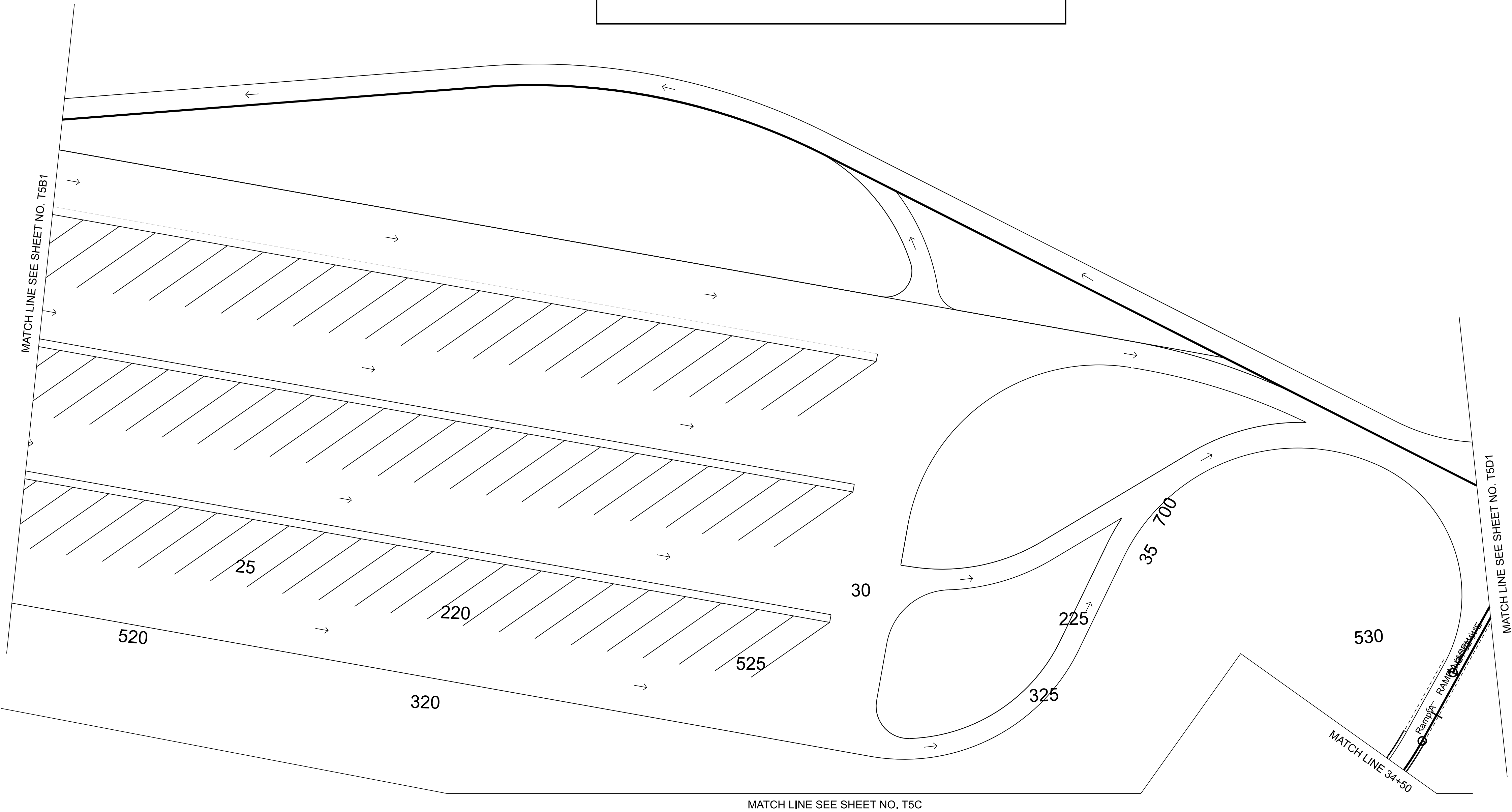
STA. 519+00.00 TO STA. 531+00.00
SCALE: 1" = 50'

- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
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 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
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 9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM



NO TRAFFIC CONTROL
OR WORK ZONE



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-5C1

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INFO ONLY

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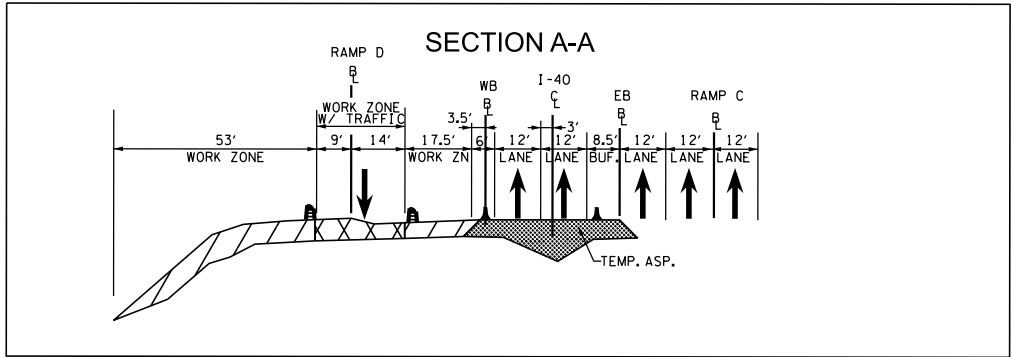
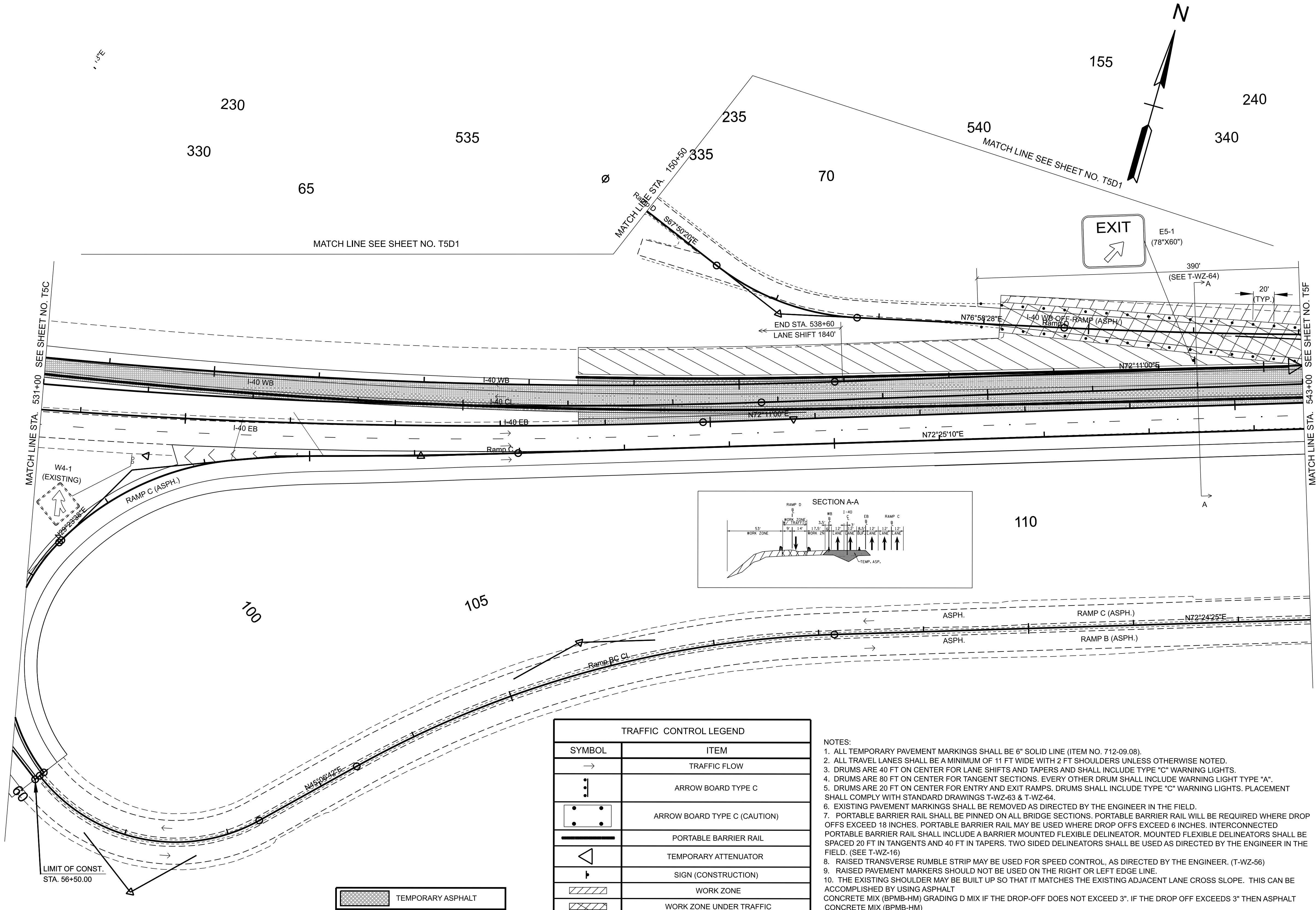
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE III

STA. 2+00.00 TO STA. 28+50.32
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-5D

4/17/2025 2:44:46 PM \\HMBTN04\VOL2\ENGR\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH11\TRAFFIC CONTROL\80I040-SHT-TRAFFIC CONTROL-III.DGN



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
↑	ARROW BOARD TYPE C
↑	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⊥	SIGN (CONSTRUCTION)
▨	WORK ZONE
▩	WORK ZONE UNDER TRAFFIC
⊙	TRAFFIC DRUM

- NOTES:
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE III

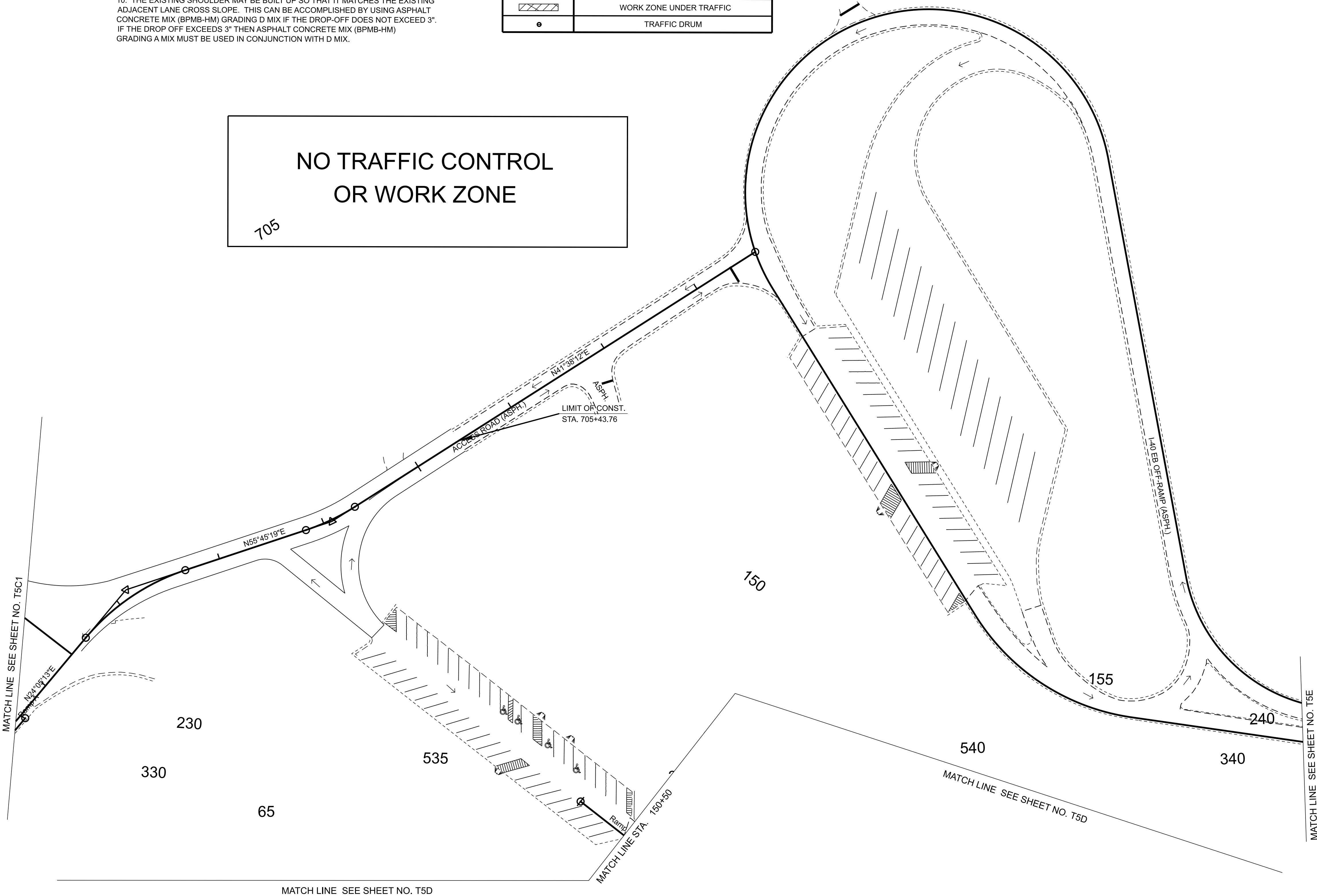
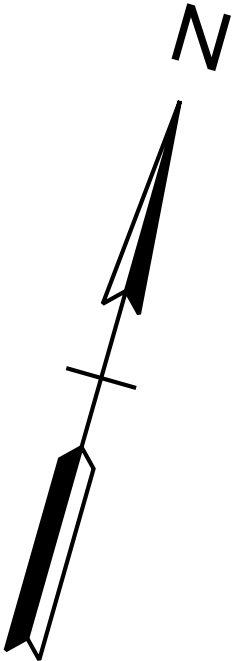
STA. 531+00.00 TO STA. 543+00.00
SCALE: 1" = 50'

SNAP PT

SNAP PT

- NOTES:
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 8. RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-66)
 9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
⦿	TRAFFIC DRUM



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-5D1

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

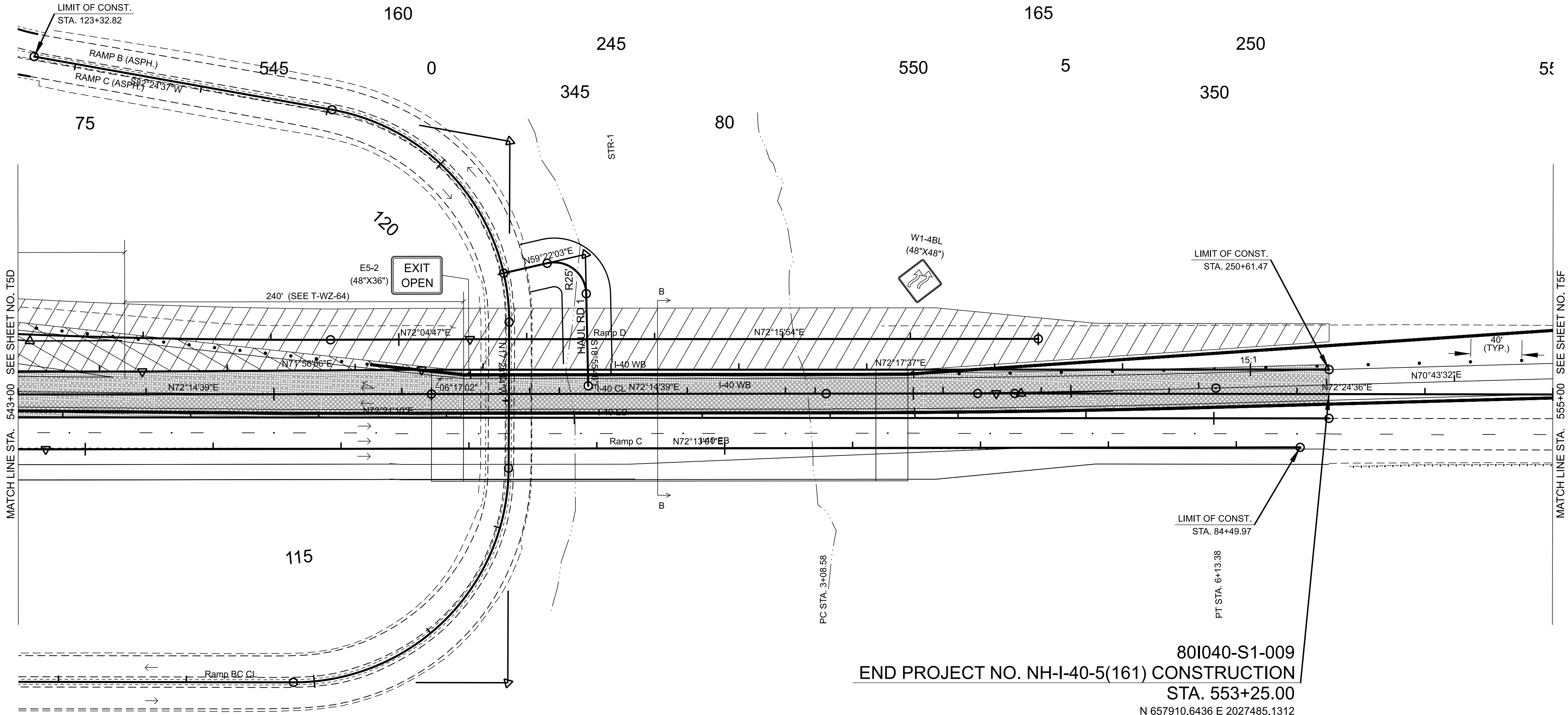
TRAFFIC CONTROL
PHASE III

STA. 2+00.00 TO STA. 29+56.09
SCALE: 1" = 50'

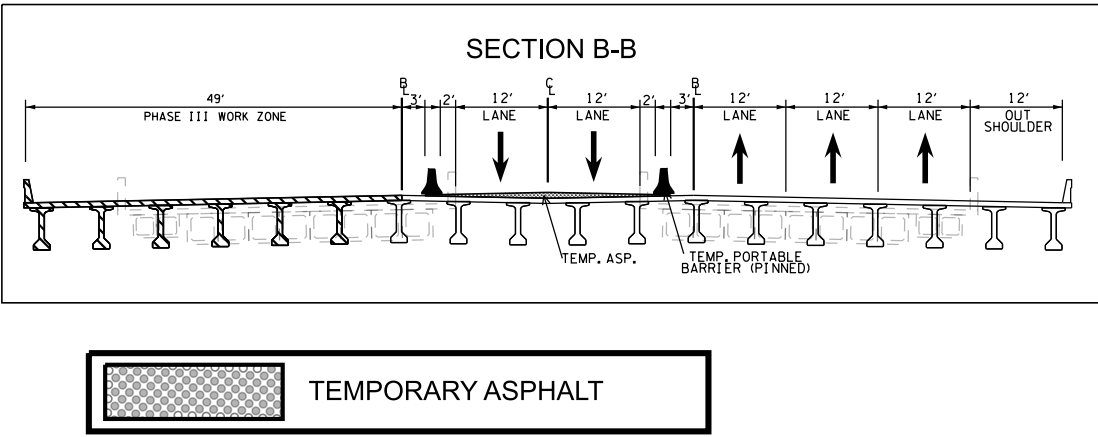
4/17/2025 2:44:53 PM \\HMBTN041VOL2\ENGR\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH11\TRAFFIC CONTROL\80I040-SHT-T-TRAFFIC CONTROL-III.DGN

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-5E

WB TEMP
CURVE 1
PI 4+60.99
N 657837.9296
E 2027255.5841
Δ 01°31'07" LT.
D 00°29'54"
R 11500.00'
L 304.81'
T 152.41'
LC 304.80'
BC N71°29'05.4"E
SE N.C.
DESIGN SPEED 55 MPH



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
↓	ARROW BOARD TYPE C
↓	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⬮	SIGN (CONSTRUCTION)
▨	WORK ZONE
▨	WORK ZONE UNDER TRAFFIC
●	TRAFFIC DRUM



- 80I040-S1-009
END PROJECT NO. NH-I-40-5(161) CONSTRUCTION
STA. 553+25.00
N 657910.6436 E 2027485.1312
- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
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 8. RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
 9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
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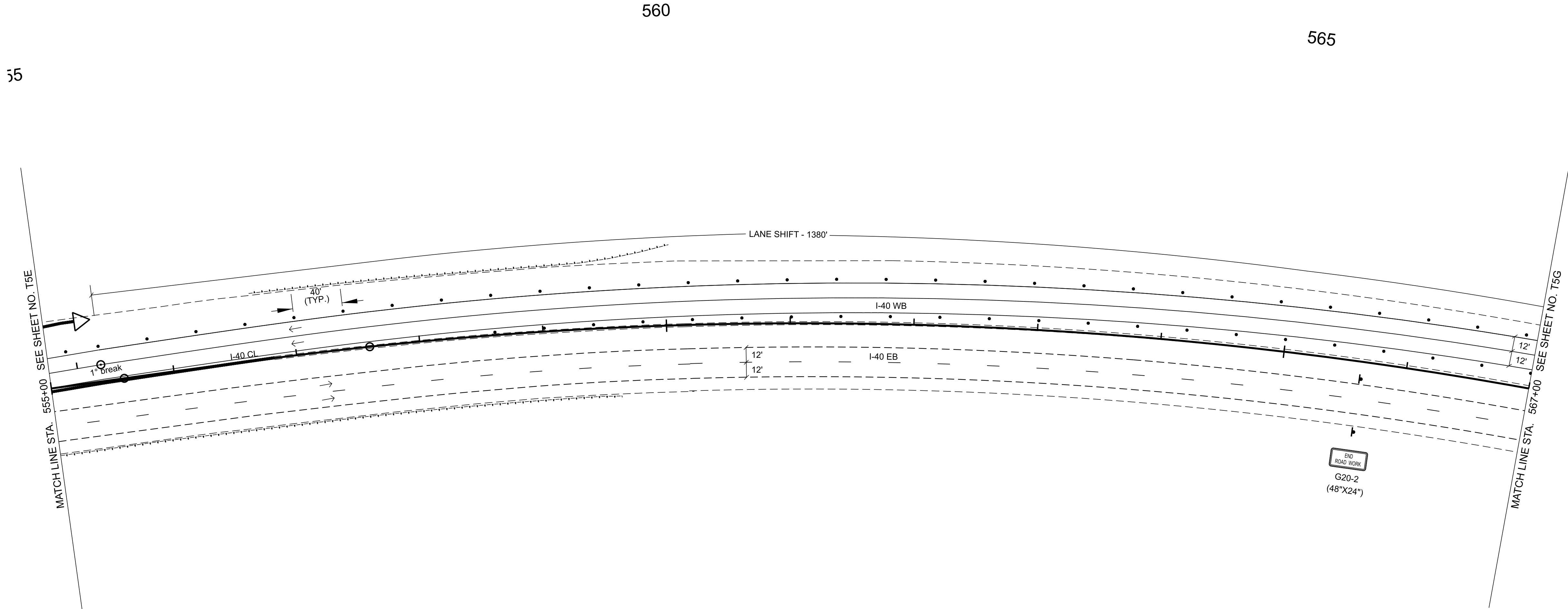
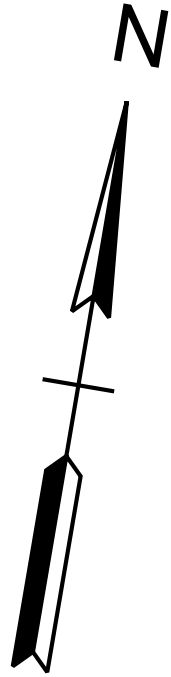
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE III

STA. 543+00.00 TO STA. 555+00.00
SCALE: 1" = 50'

4/17/2025 2:44:58 PM \\HMBTN041VOL2\ENGR\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH11\TRAFFIC CONTROL\801040-SHT-TRAFFIC CONTROL-III.DGN

WB TEMP
CURVE 1
PI 4+60.99
N 657837.9296
E 2027255.5841
Δ 01°31'07" LT.
D 00°29'54"
R 11500.00'
L 304.81'
T 152.41'
LC 304.80'
BC N71°29'05.4"E
SE N.C.
DESIGN SPEED 55 MPH



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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-5F

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INFO ONLY

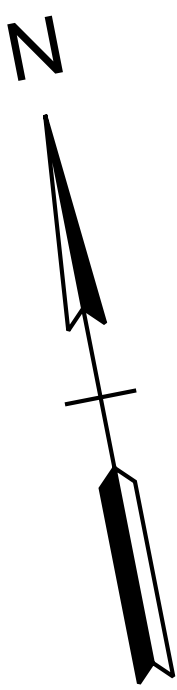
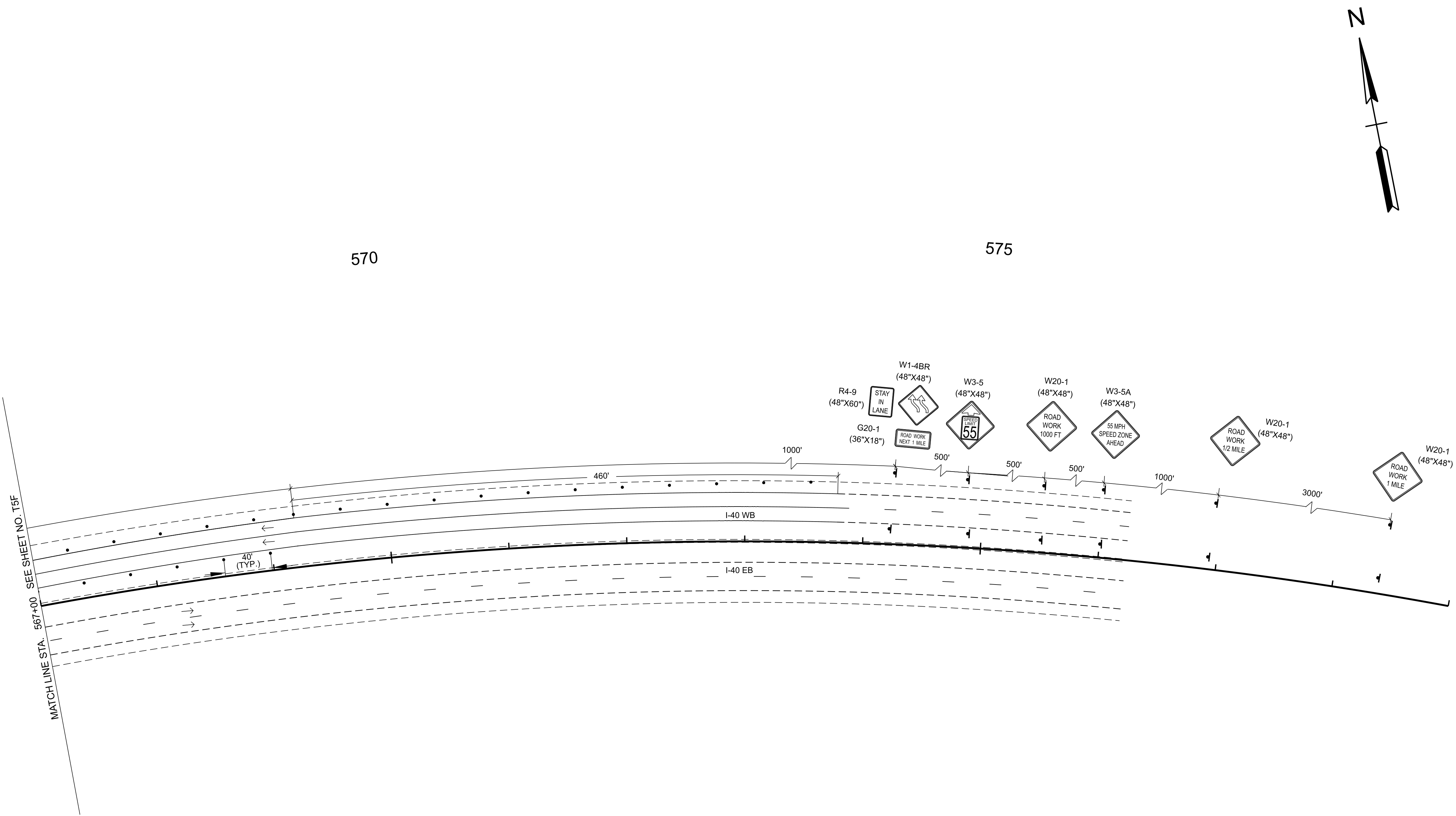
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE III

STA. 555+00.00 TO STA. 567+00.00
SCALE: 1" = 50'

4/17/2025 2:45:02 PM \\HMBTN04\VOL2\ENGR\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH11\TRAFFIC CONTROL\801040-SHT-TRAFFIC CONTROL-III.DGN



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-5G

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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM

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INFO ONLY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

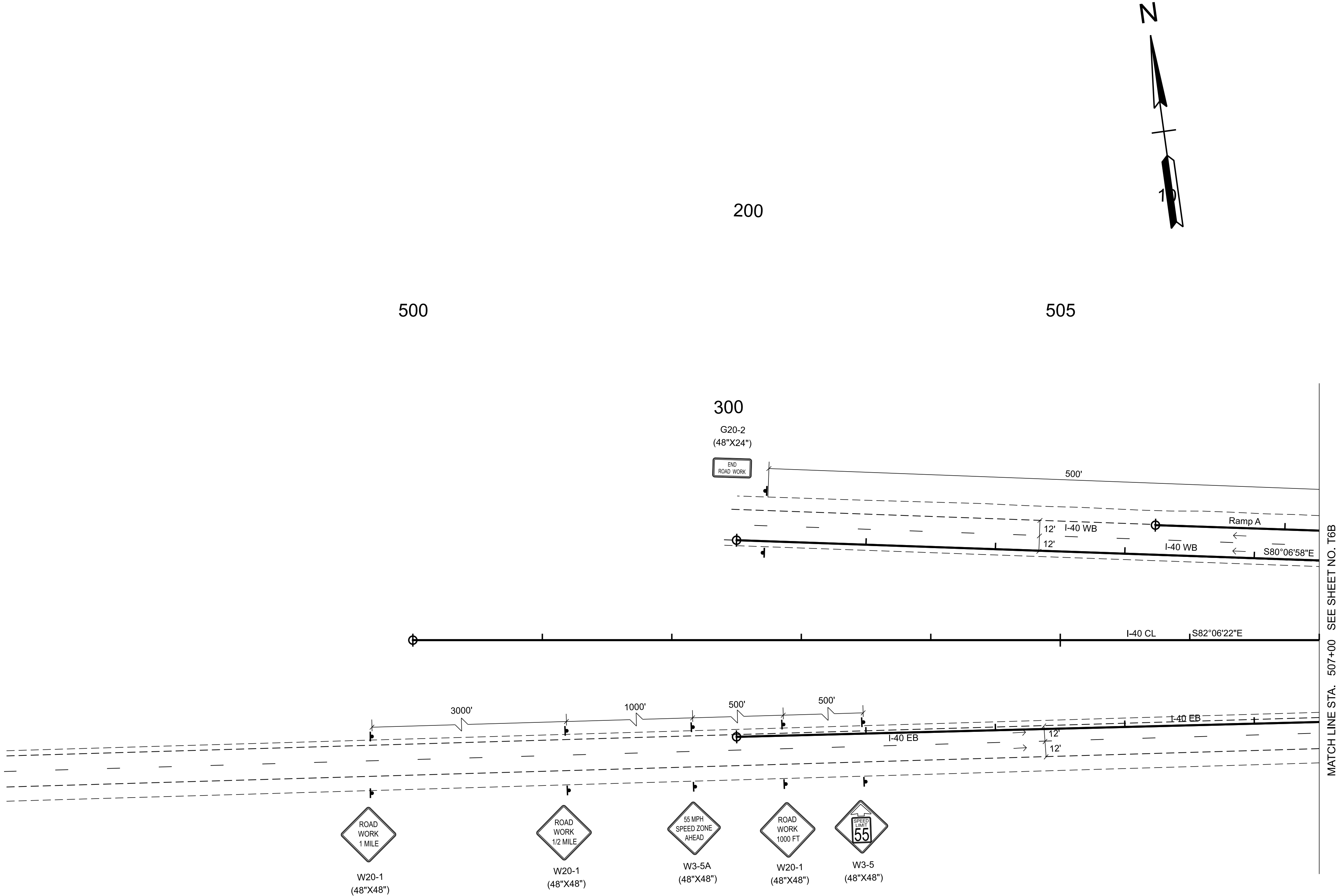
TRAFFIC CONTROL
PHASE III

STA. 567+00.00 TO STA. 579+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-6A

- NOTES:
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
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 - DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 - EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
 - PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
 - RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
 - RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
 - THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM



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INFO ONLY

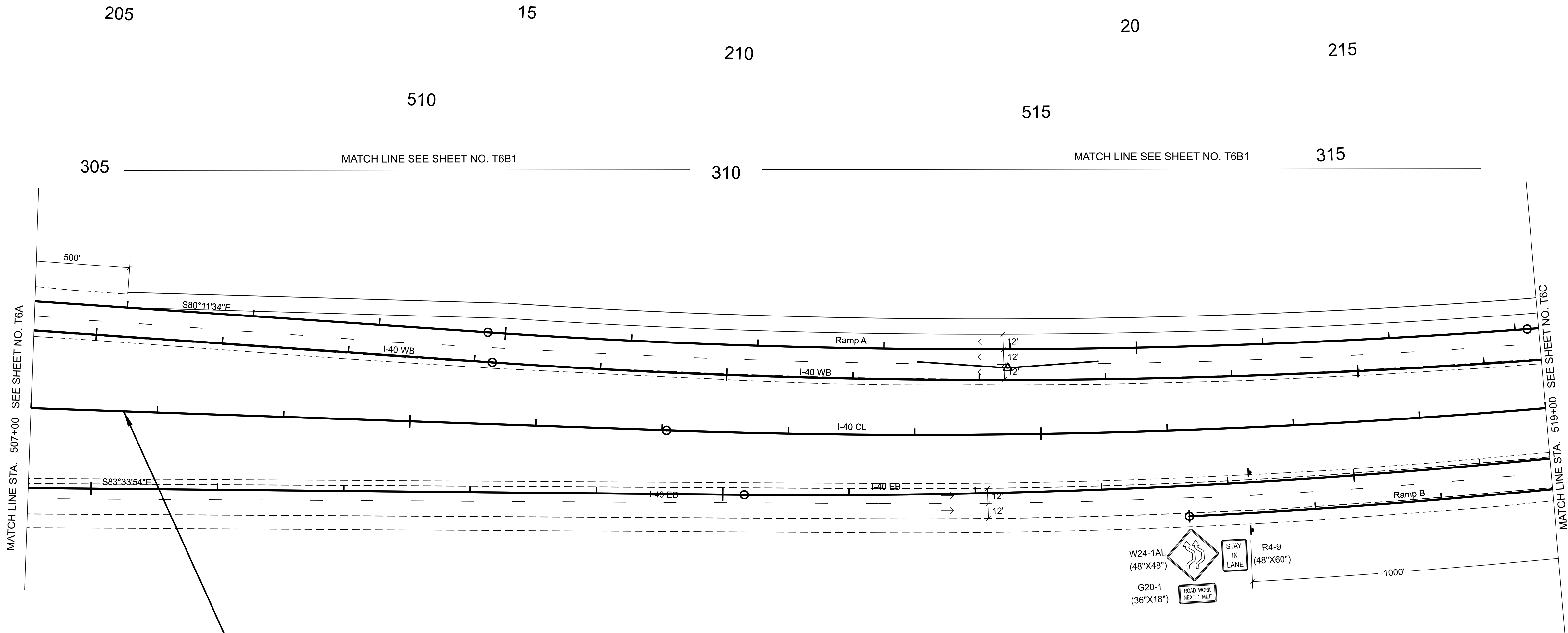
COORDINATES ARE NAD 83(2011), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 WITH GEOID 18.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE IV

STA. 495+00.00 TO STA. 507+00.00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-6B

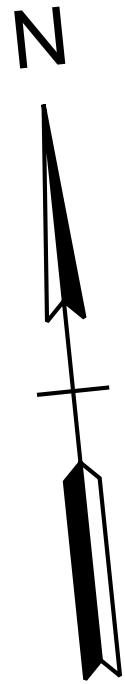


80I040-S1-009
BEGIN PROJECT NO. NH-I-40-5(161) CONSTRUCTION
STA. 507+73.40

- NOTES:
- N 657280.5939 E 2023041.7371
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 - ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 - DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 - DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 - DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 - EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
 - PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
 - RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
 - RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
 - THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⏏	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
⦿	TRAFFIC DRUM

40



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INFO ONLY

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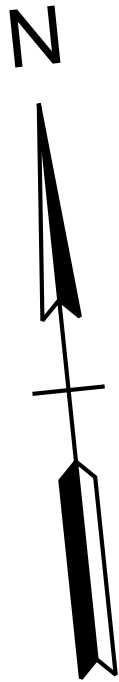
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE IV

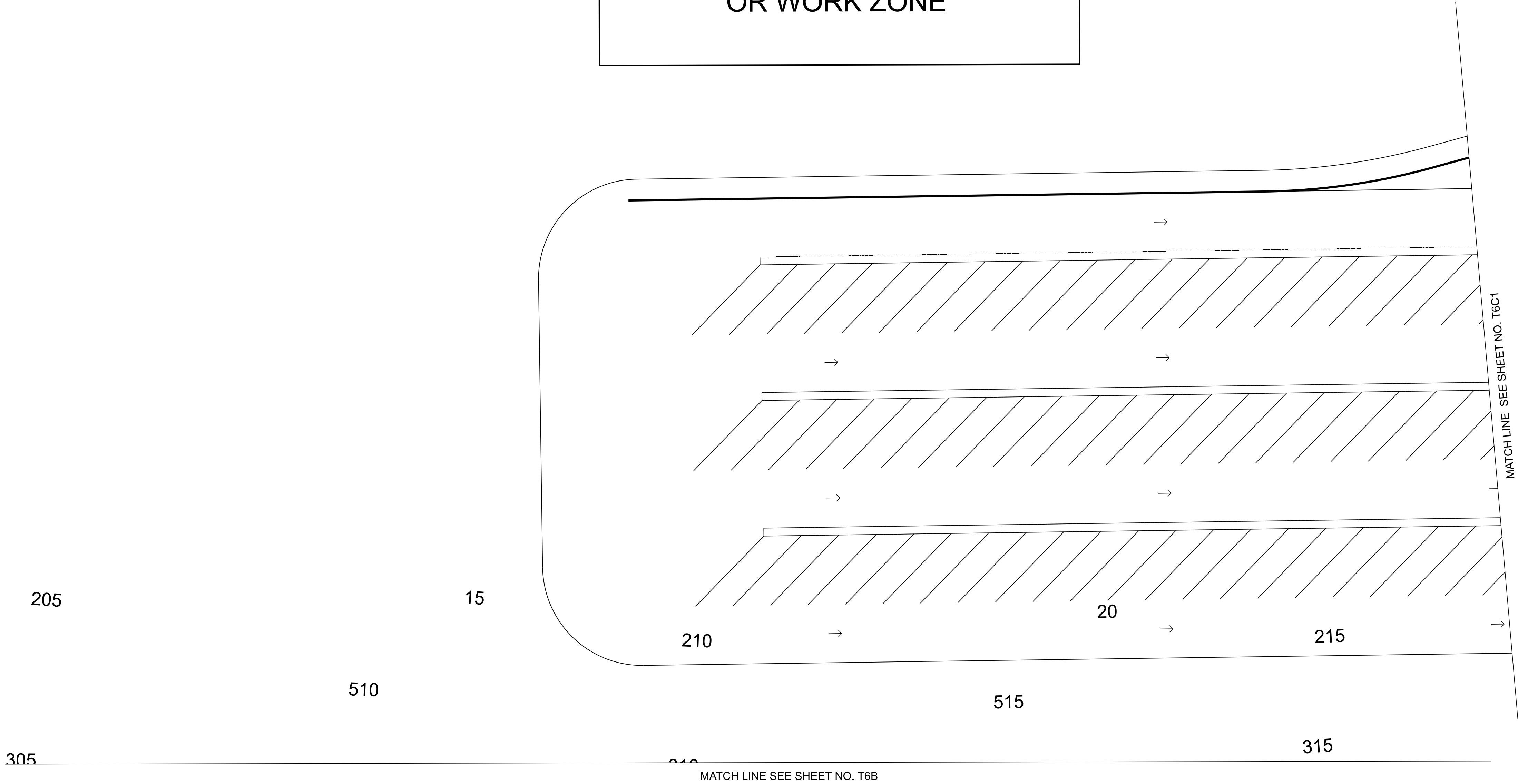
STA. 507+00.00 TO STA. 519+00.00
SCALE: 1" = 50'

NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
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8. RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
9. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
●	TRAFFIC DRUM



NO TRAFFIC CONTROL
OR WORK ZONE



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-6B1

INFO
ONLY

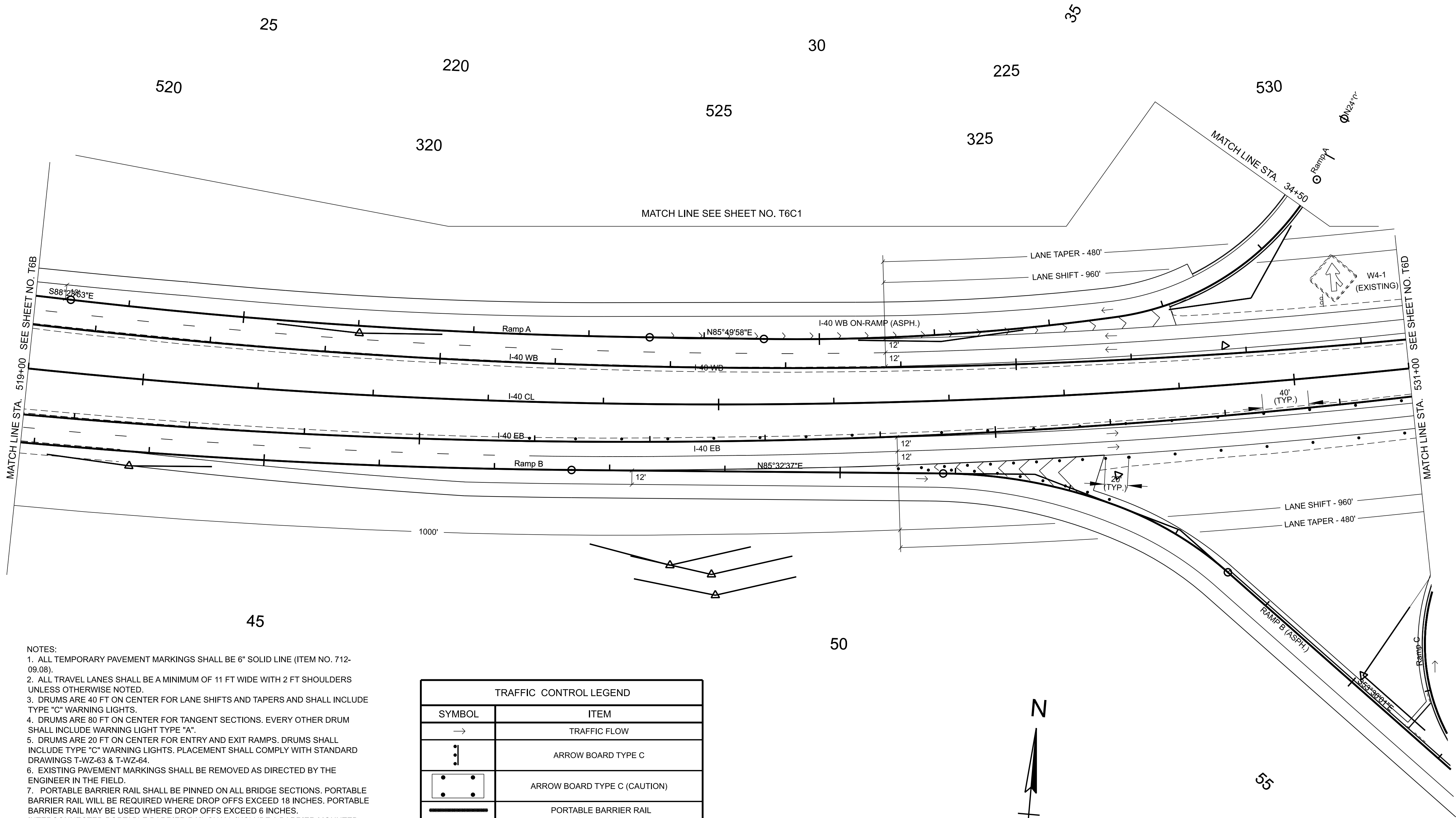
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE IV

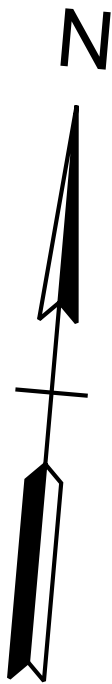
STA. 2+00.00 TO STA. 29+53.59
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-6C



- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 6. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
 7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
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 10. THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
⋮	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⏏	SIGN (CONSTRUCTION)
▨	WORK ZONE
▨	WORK ZONE UNDER TRAFFIC
⦿	TRAFFIC DRUM



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INFO ONLY

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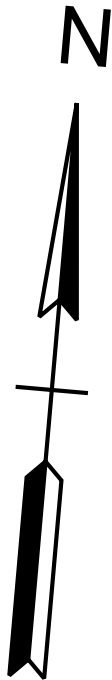
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE IV

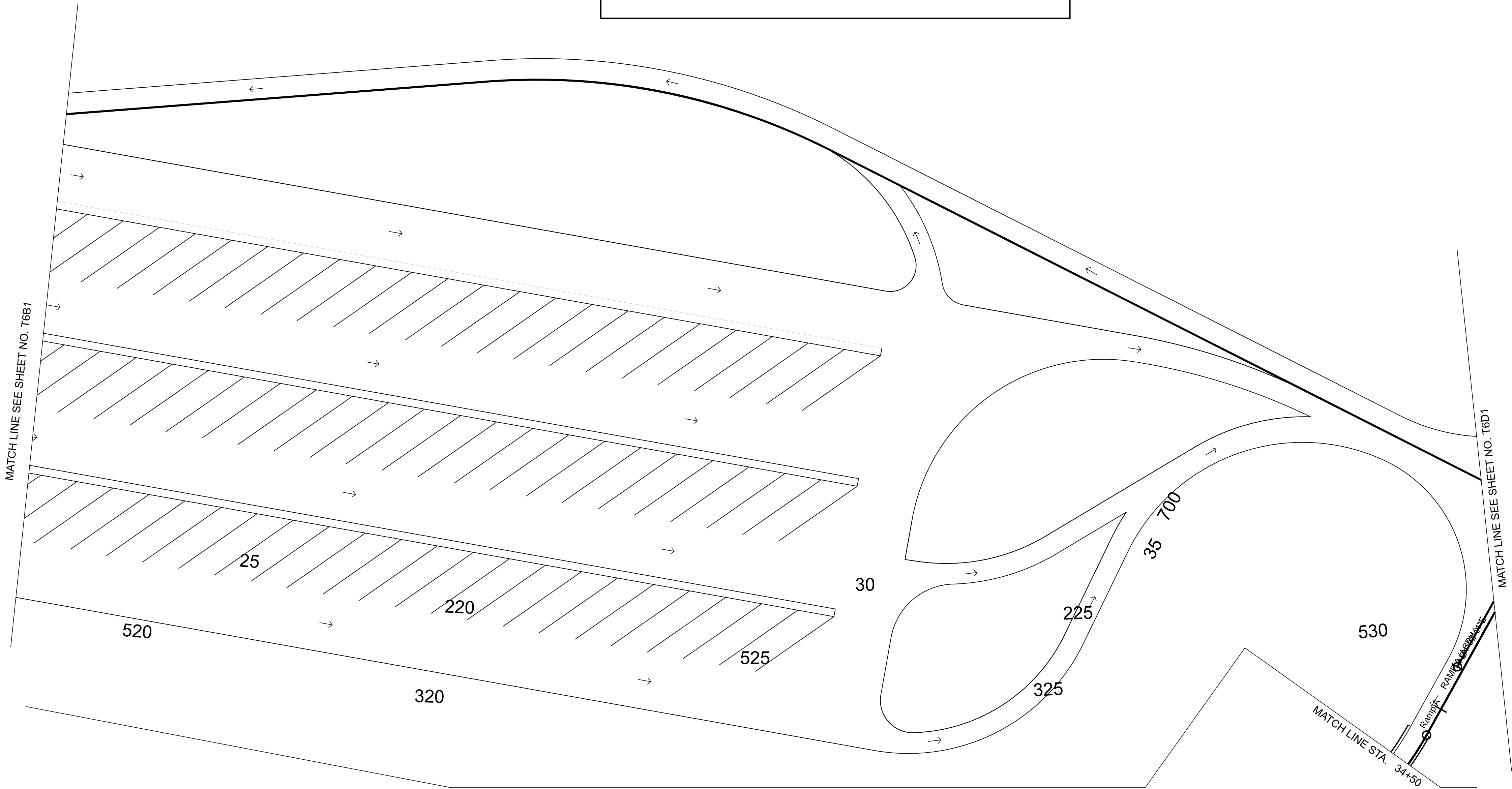
STA. 519+00.00 TO STA. 531+00.00
SCALE: 1" = 50'

- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMPs. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM



NO TRAFFIC CONTROL
OR WORK ZONE



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-6C1

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INFO ONLY

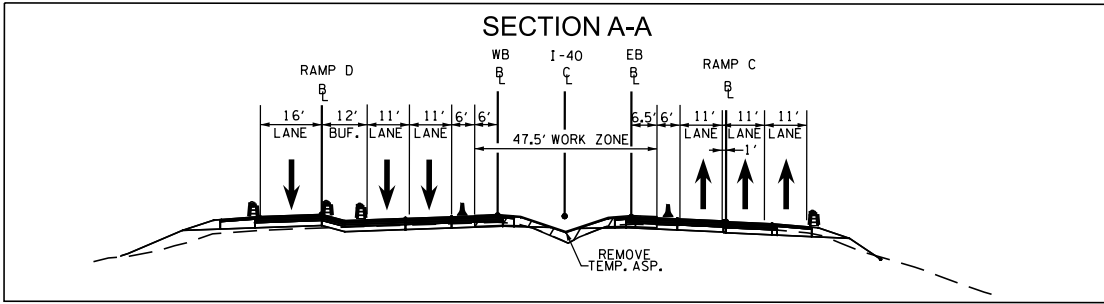
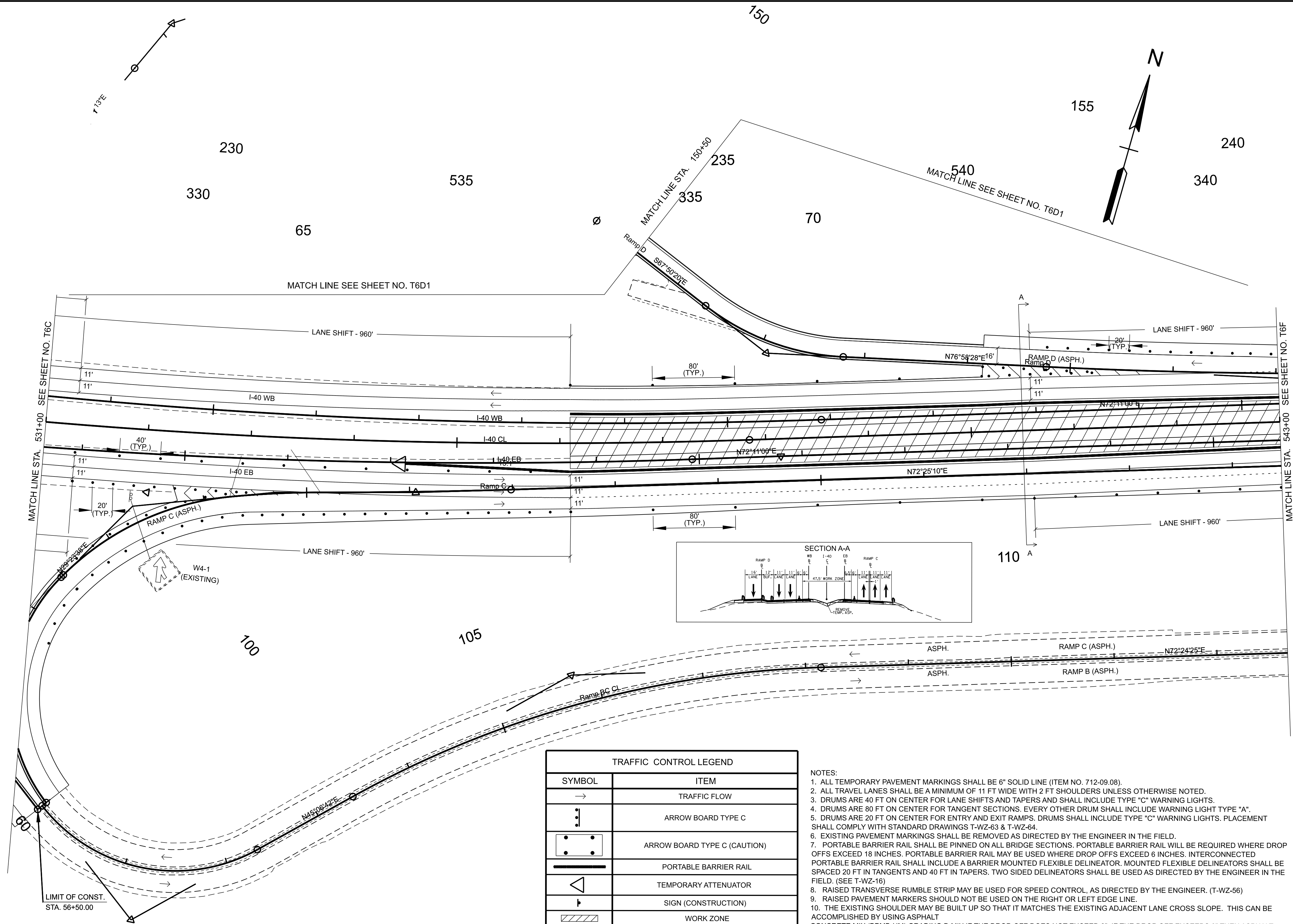
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE IV

STA. 2+00.00 TO STA. 28+50.32
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-6D



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
↓	ARROW BOARD TYPE C
• •	ARROW BOARD TYPE C (CAUTION)
—	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
⊥	SIGN (CONSTRUCTION)
▨	WORK ZONE
▩	WORK ZONE UNDER TRAFFIC
○	TRAFFIC DRUM

- NOTES:
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INFO ONLY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

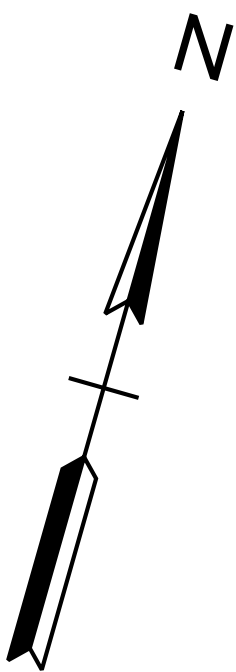
TRAFFIC CONTROL
PHASE IV

STA. 531+00.00 TO STA. 543+00.00
SCALE: 1" = 50'

4/17/2025 3:12:05 PM \\HMBTN041VOL2\ENGR\HD 5803.090 I-40 OWNER'S REP SMITH COUNTY\CAD\SH11\TRAFFIC CONTROL\801040-SHT-TRAFFIC CONTROL-IV.DGN

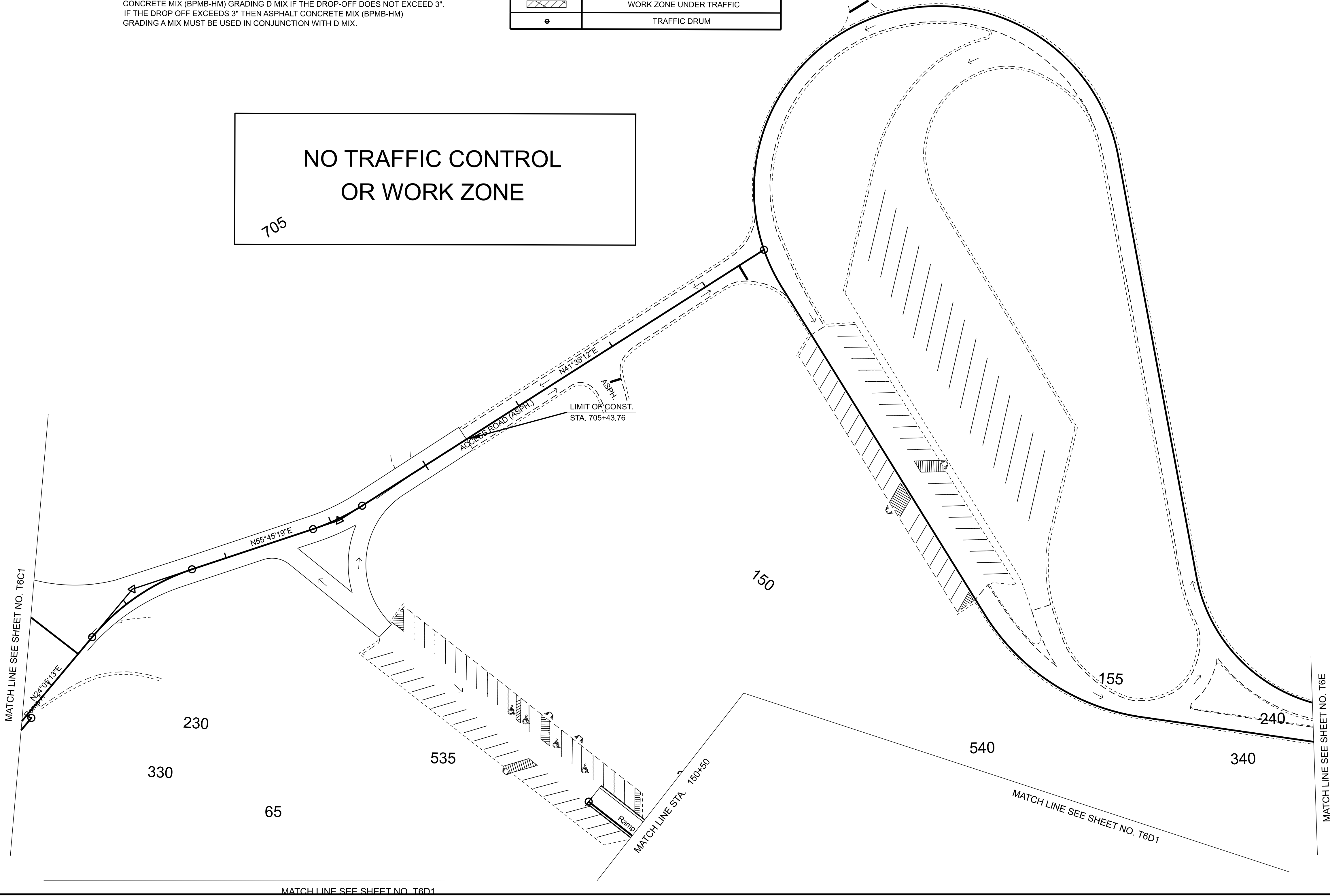
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
⋮	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM



NO TRAFFIC CONTROL
OR WORK ZONE

705



TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-6D1

REV. ***DATE***
TEXT

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INFO ONLY

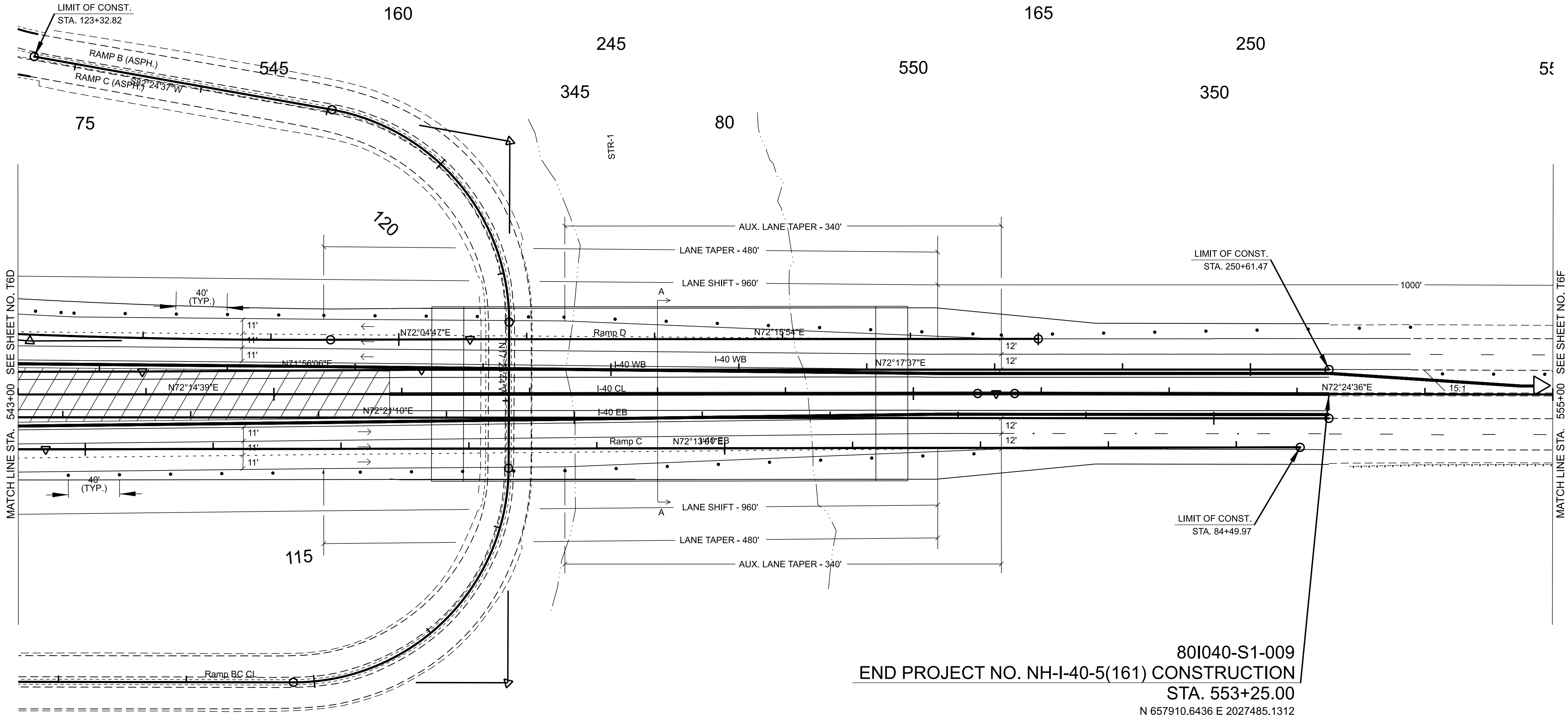
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

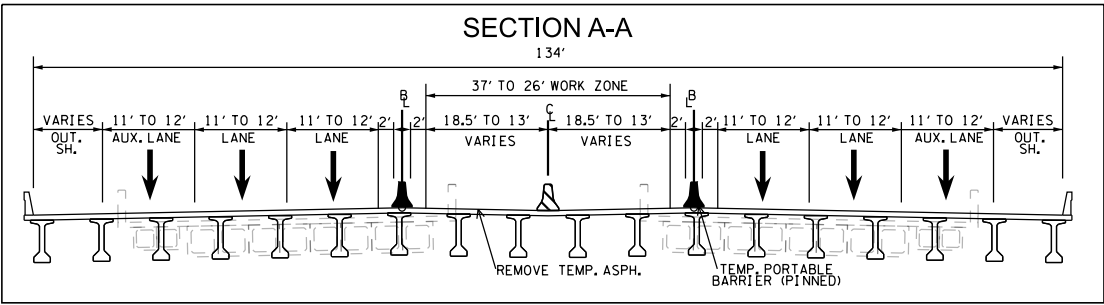
LAYOUT

STA. 2+00.00 TO STA. 29+56.09
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	80I040-S1-009	T-6E



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
→	TRAFFIC FLOW
↓	ARROW BOARD TYPE C
↓	ARROW BOARD TYPE C (CAUTION)
▬	PORTABLE BARRIER RAIL
◁	TEMPORARY ATTENUATOR
▬	SIGN (CONSTRUCTION)
▨	WORK ZONE
▨	WORK ZONE UNDER TRAFFIC
●	TRAFFIC DRUM



80I040-S1-009
END PROJECT NO. NH-I-40-5(161) CONSTRUCTION
STA. 553+25.00

- N 657910.6436 E 2027485.1312
- NOTES:
- ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 - ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 - DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
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INFO ONLY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

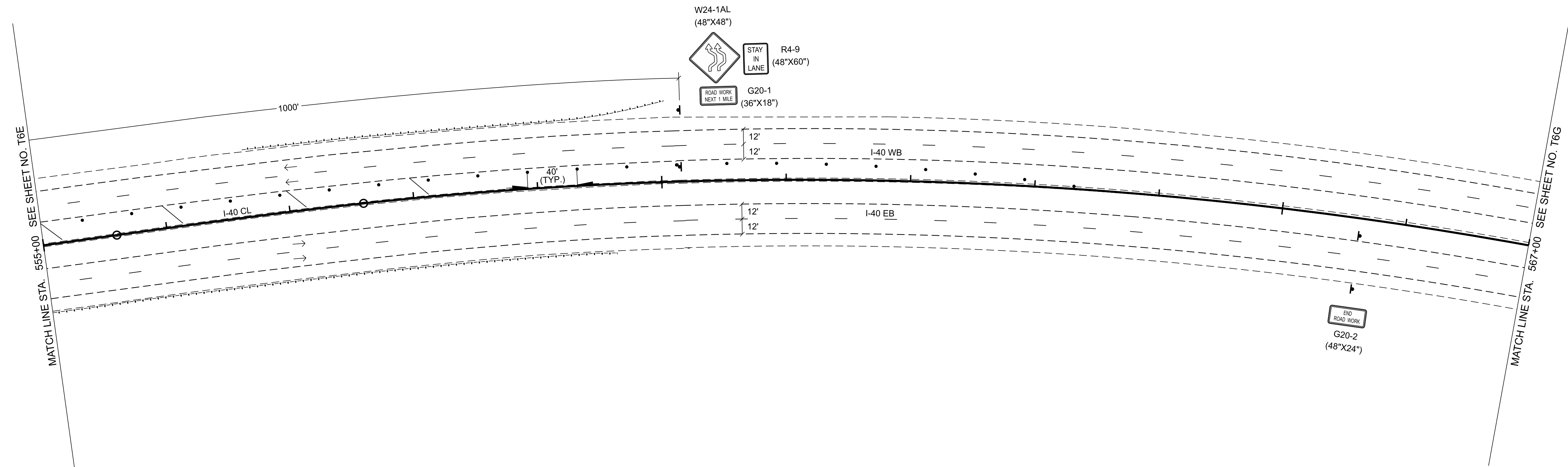
TRAFFIC CONTROL
PHASE IV

STA. 543+00.00 TO STA. 555+00.00
SCALE: 1" = 50'

55

560

565



- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 6. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
 7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES.
 8. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
 9. RAISED TRANSVERSE RUMBLE STRIP MAY BE USED FOR SPEED CONTROL, AS DIRECTED BY THE ENGINEER. (T-WZ-56)
 10. RAISED PAVEMENT MARKERS SHOULD NOT BE USED ON THE RIGHT OR LEFT EDGE LINE.
 11. THE EXISTING SHOULDER MAY BE BUILT UP SO THAT IT MATCHES THE EXISTING ADJACENT LANE CROSS SLOPE. THIS CAN BE ACCOMPLISHED BY USING ASPHALT CONCRETE MIX (BPMB-HM) GRADING D MIX IF THE DROP-OFF DOES NOT EXCEED 3". IF THE DROP OFF EXCEEDS 3" THEN ASPHALT CONCRETE MIX (BPMB-HM) GRADING A MIX MUST BE USED IN CONJUNCTION WITH D MIX.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-6F

SEALED BY

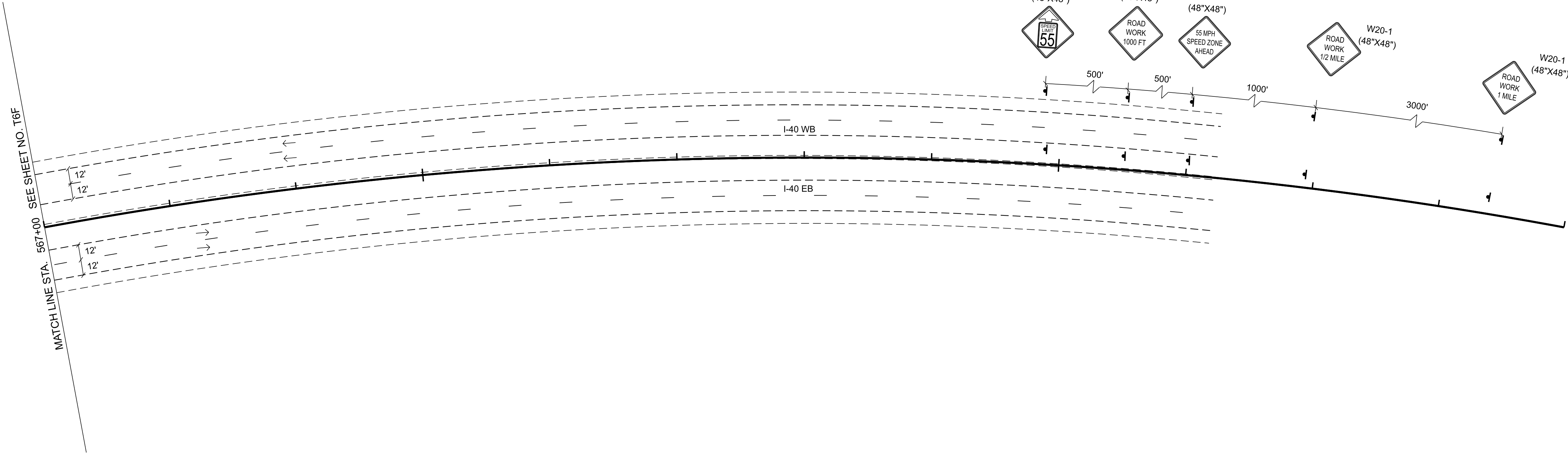
INFO ONLY

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

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE IV

STA. 555+00.00 TO STA. 567+00.00
SCALE: 1" = 50'



- NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE 6" SOLID LINE (ITEM NO. 712-09.08).
 2. ALL TRAVEL LANES SHALL BE A MINIMUM OF 11 FT WIDE WITH 2 FT SHOULDERS UNLESS OTHERWISE NOTED.
 3. DRUMS ARE 40 FT ON CENTER FOR LANE SHIFTS AND TAPERS AND SHALL INCLUDE TYPE "C" WARNING LIGHTS.
 4. DRUMS ARE 80 FT ON CENTER FOR TANGENT SECTIONS. EVERY OTHER DRUM SHALL INCLUDE WARNING LIGHT TYPE "A".
 5. DRUMS ARE 20 FT ON CENTER FOR ENTRY AND EXIT RAMP. DRUMS SHALL INCLUDE TYPE "C" WARNING LIGHTS. PLACEMENT SHALL COMPLY WITH STANDARD DRAWINGS T-WZ-63 & T-WZ-64.
 6. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER IN THE FIELD.
 7. PORTABLE BARRIER RAIL SHALL BE PINNED ON ALL BRIDGE SECTIONS. PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. INTERCONNECTED PORTABLE BARRIER RAIL SHALL INCLUDE A BARRIER MOUNTED FLEXIBLE DELINEATOR. MOUNTED FLEXIBLE DELINEATORS SHALL BE SPACED 20 FT IN TANGENTS AND 40 FT IN TAPERS. TWO SIDED DELINEATORS SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE FIELD. (SEE T-WZ-16)
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TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (CAUTION)
	PORTABLE BARRIER RAIL
	TEMPORARY ATTENUATOR
	SIGN (CONSTRUCTION)
	WORK ZONE
	WORK ZONE UNDER TRAFFIC
	TRAFFIC DRUM

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	801040-S1-009	T-6G

SEALED BY

INFO ONLY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASE IV

STA. 567+00.00 TO STA. 579+00.00
SCALE: 1" = 50'