

DESIGN DESIGNATION

I - 435
A.A.D.T. - 2025 = 24976
A.A.D.T. - 2045 = 33639
D.H.V. = 7%
T = 26%
V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION- INTERSTATE

COOKINGHAM DRIVE
A.A.D.T. - 2025 = 2443
A.A.D.T. - 2045 = 3290
D.H.V. = 16%
T = 11%
V = 55 M.P.H.
D = 50%

FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

NO RIGHT OF WAY TO
BE ACQUIRED

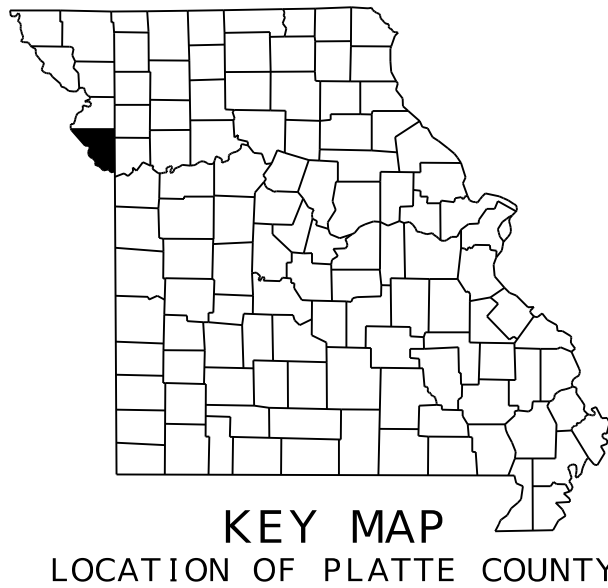
CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-UT-
OVERHEAD POWER	-OE-	-OE-
UNDERGROUND POWER	-UE-	-UE-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
GAS	-G-	-G-
WATER	-W-	-W-
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED
STATE HIGHWAY
PLATTE COUNTY
PRELIMINARY PLANS



NOT TO SCALE

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
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WALL A9701-----	1-2
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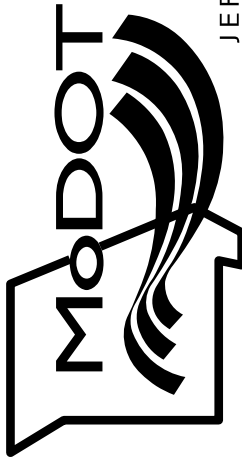
PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED 4/30/2025	
ROUTE 1435	STATE MO
DISTRICT KC	SHEET NO. 1
COUNTY PLATTE	
JOB NO. J4S3489	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A9700	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

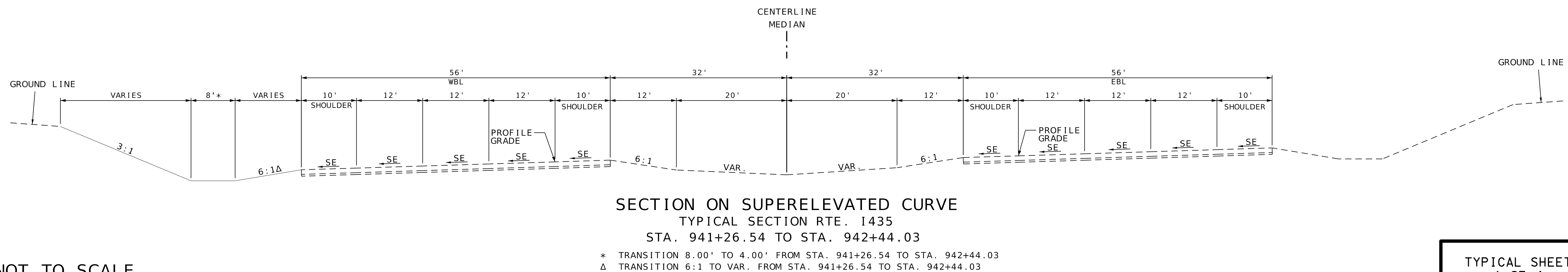
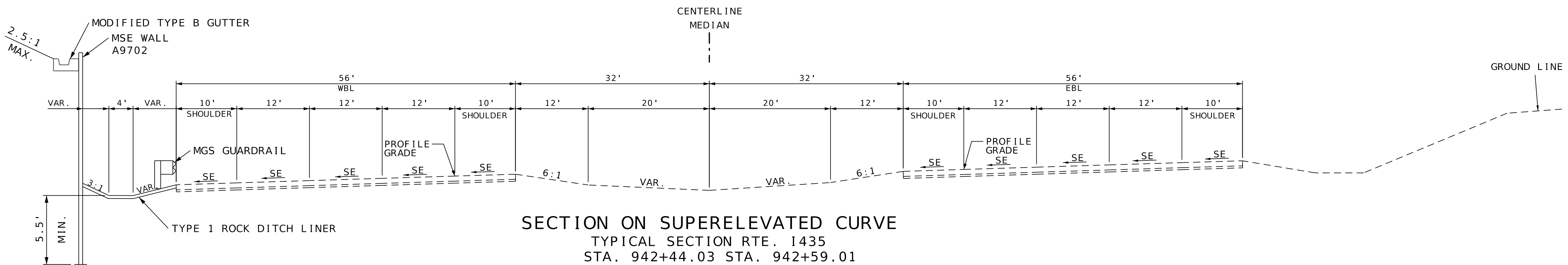
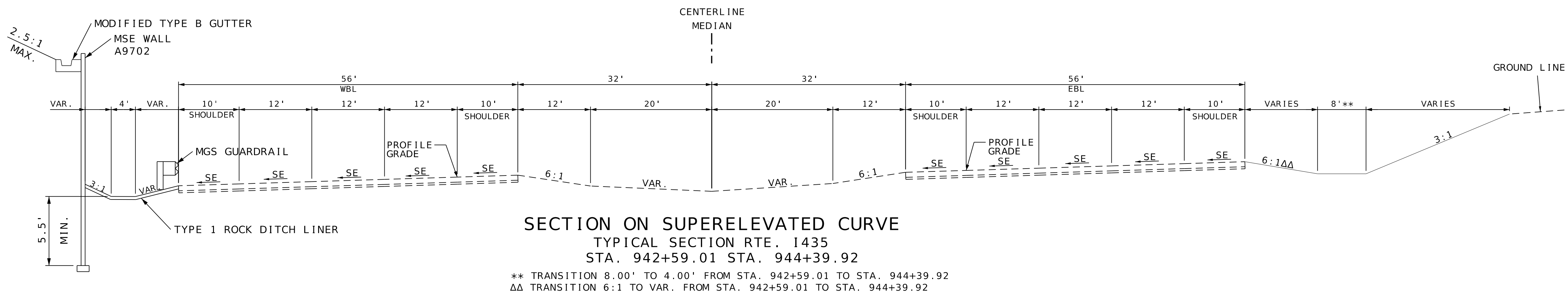
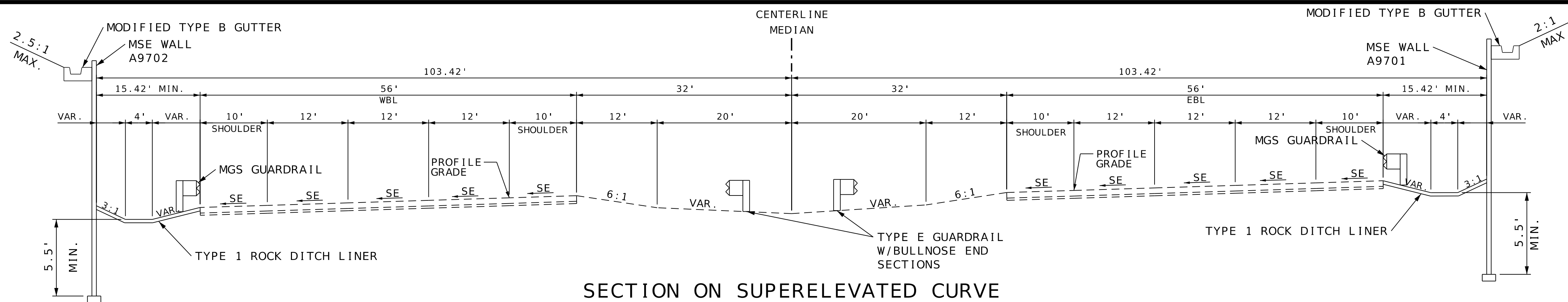
LENGTH OF PROJECT

ROUTE 1435	
BEGINNING OF PROJECT	STA. 941+26.54
END OF PROJECT	STA. 948+33.15
APPARENT LENGTH	706.61 FEET
NET LENGTH OF PROJECT	706.61 FEET
STATE LENGTH	0.134 MILES
COOKINGHAM DRIVE	
BEGINNING OF PROJECT	STA. 630+75.00
END OF PROJECT	STA. 640+20.00
APPARENT LENGTH	945.00 FEET
NET LENGTH OF PROJECT	945.00 FEET
STATE LENGTH	0.179 MILES
EQUATIONS AND EXCEPTIONS	0.000 FEET

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	1.0 ACRES
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1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592



NOT TO SCALE

TYPICAL SHEET
1 OF 4

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
4/30/2025

ROUTE I 435	STATE MO
DISTRICT KC	SHEET NO. 2

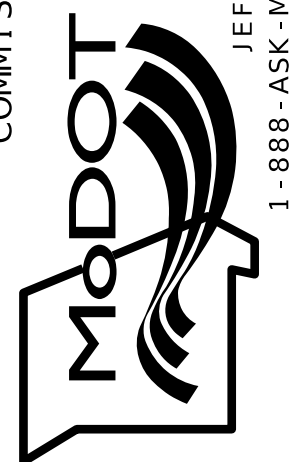
COUNTY
PLATTE

J4S3489

CONTRACT ID.

PROJECT NO.

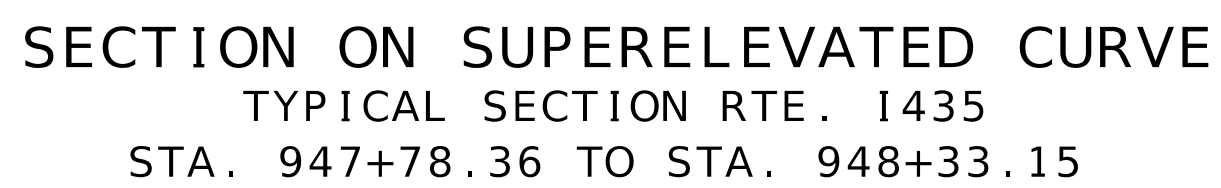
BRIDGE NO.
A9700

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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NORTH KANSAS CITY, MO 64116
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



** TRANSITION 4.00' TO 8.00' FROM STA. 947+09.52 TO STA. 948+33.15
 ΔΔ TRANSITION VAR. TO 6:1 FROM STA. 947+09.52 TO STA. 948+33.15



* TRANSITION 4.00' TO 8.00' FROM STA. 945+38.92 TO STA. 947+78.36
 ** TRANSITION 4.00' TO 8.00' FROM STA. 947+09.52 TO STA. 948+33.15
 Δ TRANSITION VAR. TO 6:1 FROM STA. 945+38.92 TO STA. 947+78.36
 ΔΔ TRANSITION VAR. TO 6:1 FROM STA. 947+09.52 TO STA. 948+33.15



* TRANSITION 4.00' TO 8.00' FROM STA. 945+38.92 TO STA. 947+78.36
 Δ TRANSITION VAR. TO 6:1 FROM STA. 945+38.92 TO STA. 947+78.36

NOT TO SCALE

TYPICAL SHEET
2 OF 4

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
4/30/2025

ROUTE	STATE
1435	MO

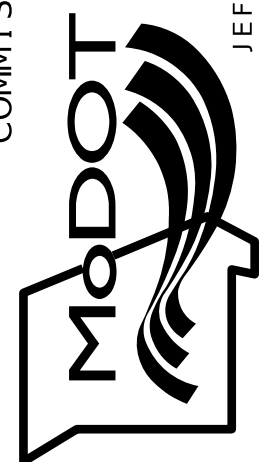
DISTRICT	SHEET NO
KC	2

COUNTY
PLATTE

JOB NO.
1453489

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A0700[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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PHONE 816-764-1472

PHONE: 816.361.1177

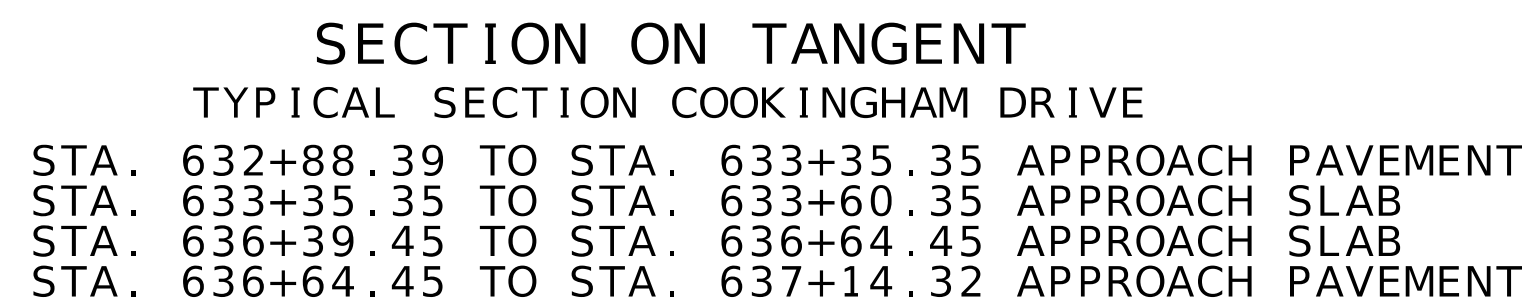
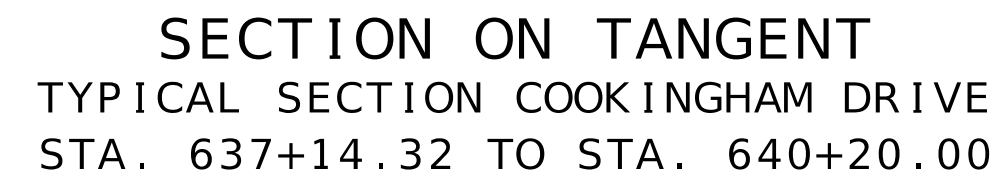
PHONE: 816.361.1177
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CERTIFICATE OF AUTHORITY NO. 001597

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SUBGRADE PROFILE AND CROSS SECTIONS ARE DESIGNED FOR THE THINNER PAVEMENT DESIGN. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE PROFILE GRADE FOR EITHER PAVEMENT DESIGN WITH NO DIRECT PAY. CROSSROAD STRUCTURES ARE DESIGNED TO ACCOMMODATE A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.

	2" PMBP (BP-1), PG 64-22 8.00" PMBP (BASE), PG 64-22	8.00" PCPC NON-REINFORCED WITH 15 FT. JOINT SPACING	
	6.00" TYPE 1 AGGR. BASE	6.00" TYPE 1 AGGR. BASE	



SECTION ON TANGENT
TYPICAL SECTION COOKINGHAM DRIVE
STA. 630+75.00 TO STA. 632+91.01

TYPICAL SHEET
3 OF 4

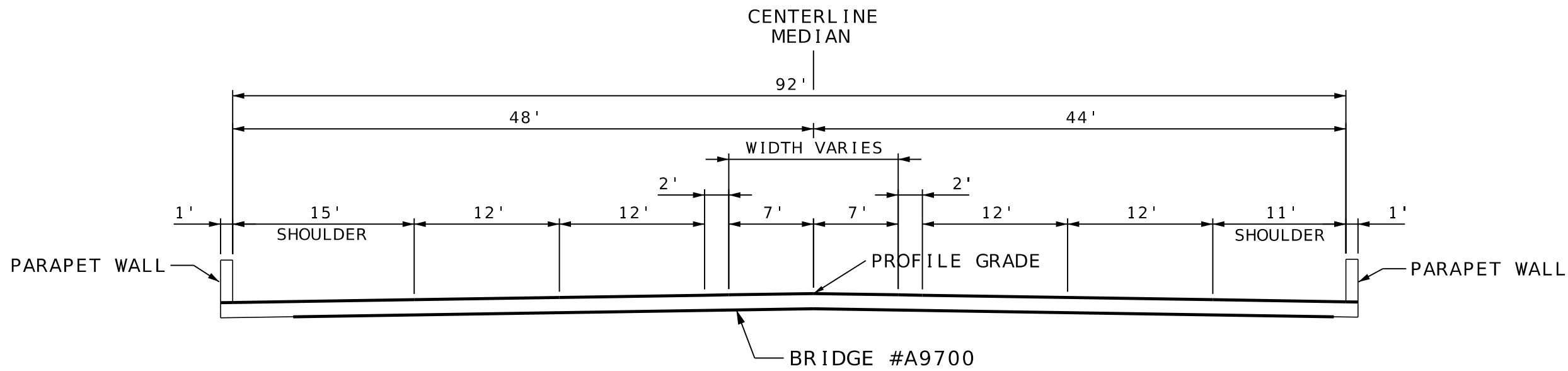
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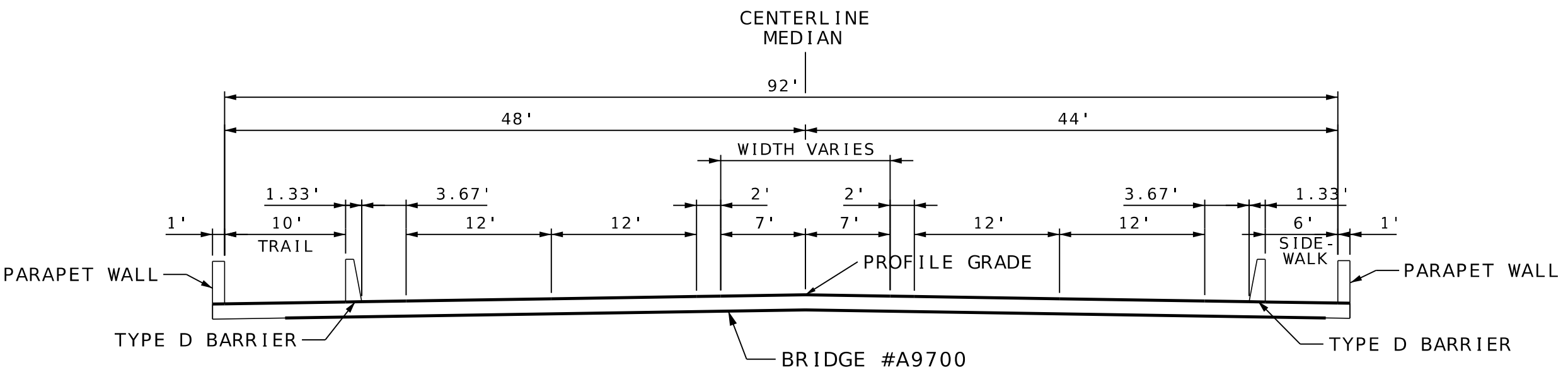
1301 BURLINGTON STREET, SLE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001599

NOTE:
CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE OPTION.
CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT
OPTION IS USED.

SUBGRADE PROFILE AND CROSS SECTIONS ARE DESIGNED FOR THE THINNER PAVEMENT DESIGN.
THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE PROFILE GRADE FOR EITHER
PAVEMENT DESIGN WITH NO DIRECT PAY. CROSSROAD STRUCTURES ARE DESIGNED TO ACCOMMODATE
A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.



SECTION ON TANGENT
TYPICAL SECTION BRIDGE
STA. 633+60.35 TO STA. 636+39.45



SECTION ON TANGENT
TYPICAL SECTION BRIDGE
FUTURE LAYOUT

BRIDGE EXCEPTION
STA. 633+60.35 TO STA. 636+39.45

NOT TO SCALE

TYPICAL SHEET
4 OF 4

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED 4/30/2025	
ROUTE 1435	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY PLATTE	
JOB NO. J4S3489	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A9700	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

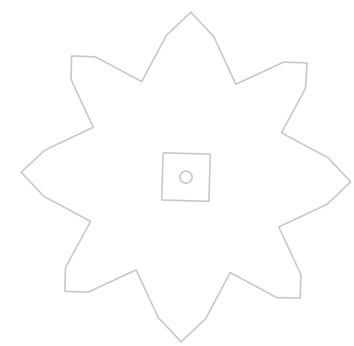
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105 WEST CAPITOL
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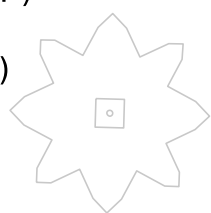
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CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



PI 944+92.61
PC 940+77.71
PT 949+06.69
Δ 6°13'2.3" (LT)
D 0°45'0.0"
L 828.97' (ARC)
T 414.89'
R 7,639.44'



STA. 941+35.44 TO
STA. 947+20.12 @ RTE. 1435 LT.
BUILD 512.5' MGS GUARDRAIL,
1 END ANCHOR, AND
1 MGS TYPE A CRASHWORTHY
END TERMINAL (MASH)

CONCRETE
SLOPE
PROTECTION

MODIFIED TYPE B GUTTER

MSE WALL A9702

TYPE 1 ROCK
DITCH LINER

TYPE 1 ROCK DITCH LINER

EX EOS

EX EOP

WBL

EX EOP

EX EOS

(U.I.P.)

CL ROUTE 435

BEGIN CONSTRUCTION
STA. 941+26.54

EX EOS

EX EOP

EBL

EX EOP

EX EOS

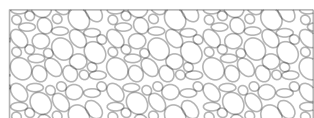
STA. 943+85.75 TO
STA. 946+28.85 @ RTE. 1435
BUILD 225' TYPE E GUARDRAIL,
2- BULLNOSE GUARDRAIL SYSTEM

(R)

(R)

MATCHLINE STA. 944+90.00

LEGEND



TYPE 1 ROCK DITCH LINER



CONCRETE SLOPE PROTECTION

GENERAL NOTE:
THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE
PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE
COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY
THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS
ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS,
ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE
PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF
THE CONSTRUCTION OF THIS PROJECT.

ALL BEARINGS ARE BASED ON STATE PLANE BEARINGS, WEST ZONE.

STA. 943+72.43 TO
STA. 946+42.29
ROUTE 1-435
18" GROUP A PIPE (18")
2- 18" SAFETY SLOPE
END SECTIONS

STA. 942+88.20 TO
STA. 948+47.36 @ RTE. 1435 RT.
BUILD 500' MGS GUARDRAIL,
1 END ANCHOR, AND
1 MGS TYPE A CRASHWORTHY
END TERMINAL (MASH)

TYPE 1 ROCK
DITCH LINER

MSE WALL A9701

MODIFIED TYPE B GUTTER

PLAN & PROFILE
SHEET 1 OF 8

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED

4/30/2025

ROUTE STATE

1435 MO

DISTRICT SHEET NO.

KC 4

COUNTY

PLATTE

JOB NO.

J4S3489

CONTRACT ID.

PROJECT NO.

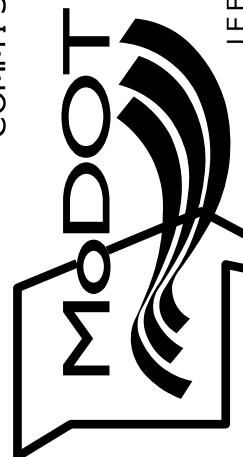
BRIDGE NO.

A9700

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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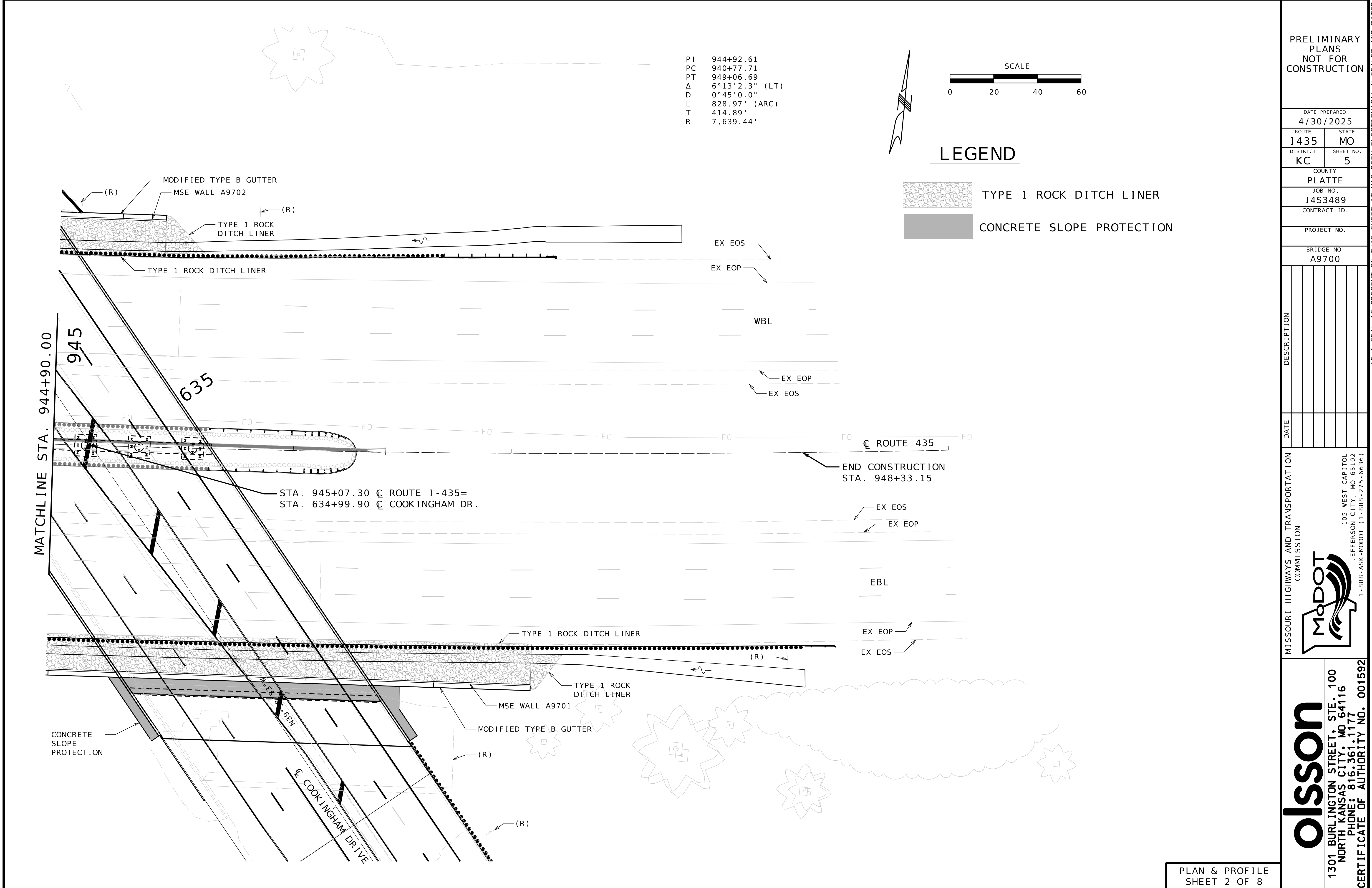
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PHONE: 816.361.1177

CERTIFICATE OF AUTHORITY NO. 001592

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PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED 4/30/2025	
ROUTE 1435	STATE MO
DISTRICT KC	SHEET NO. 5

COUNTY PLATTE
JOB NO. J4S3489
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A9700

DESCRIPTION	DATE

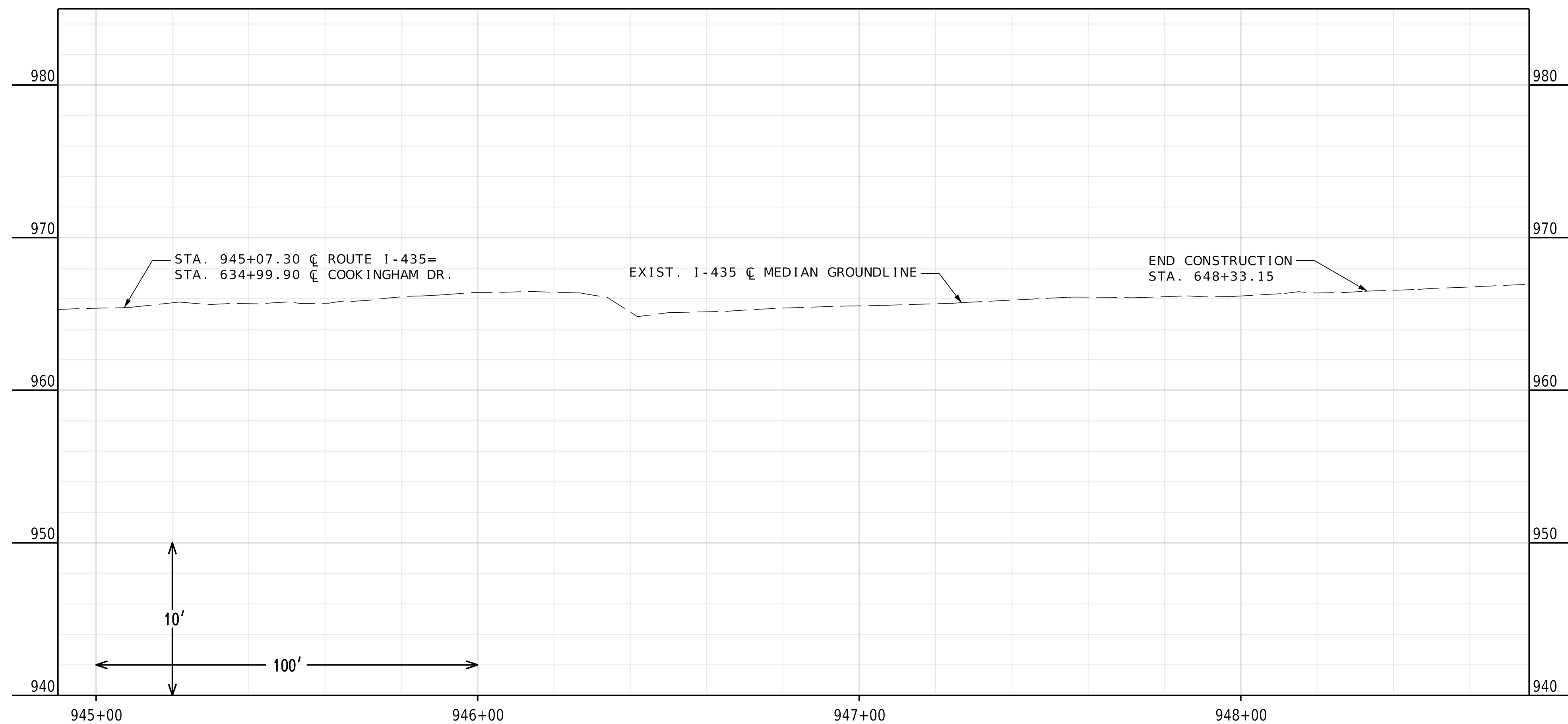
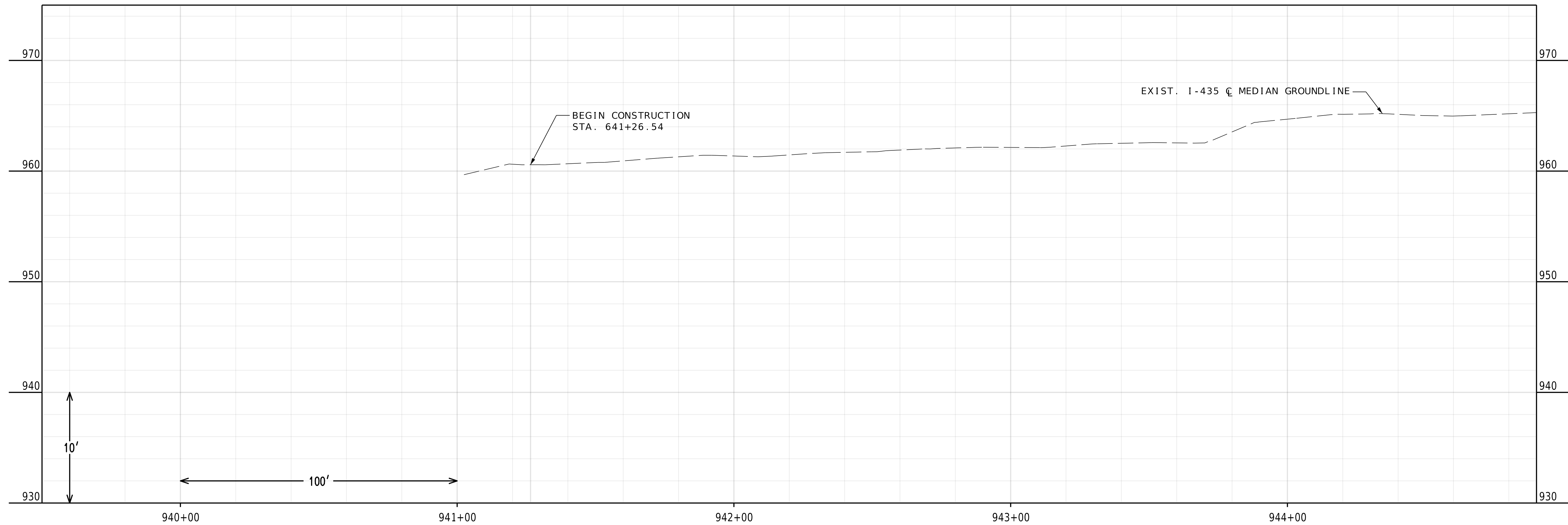
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

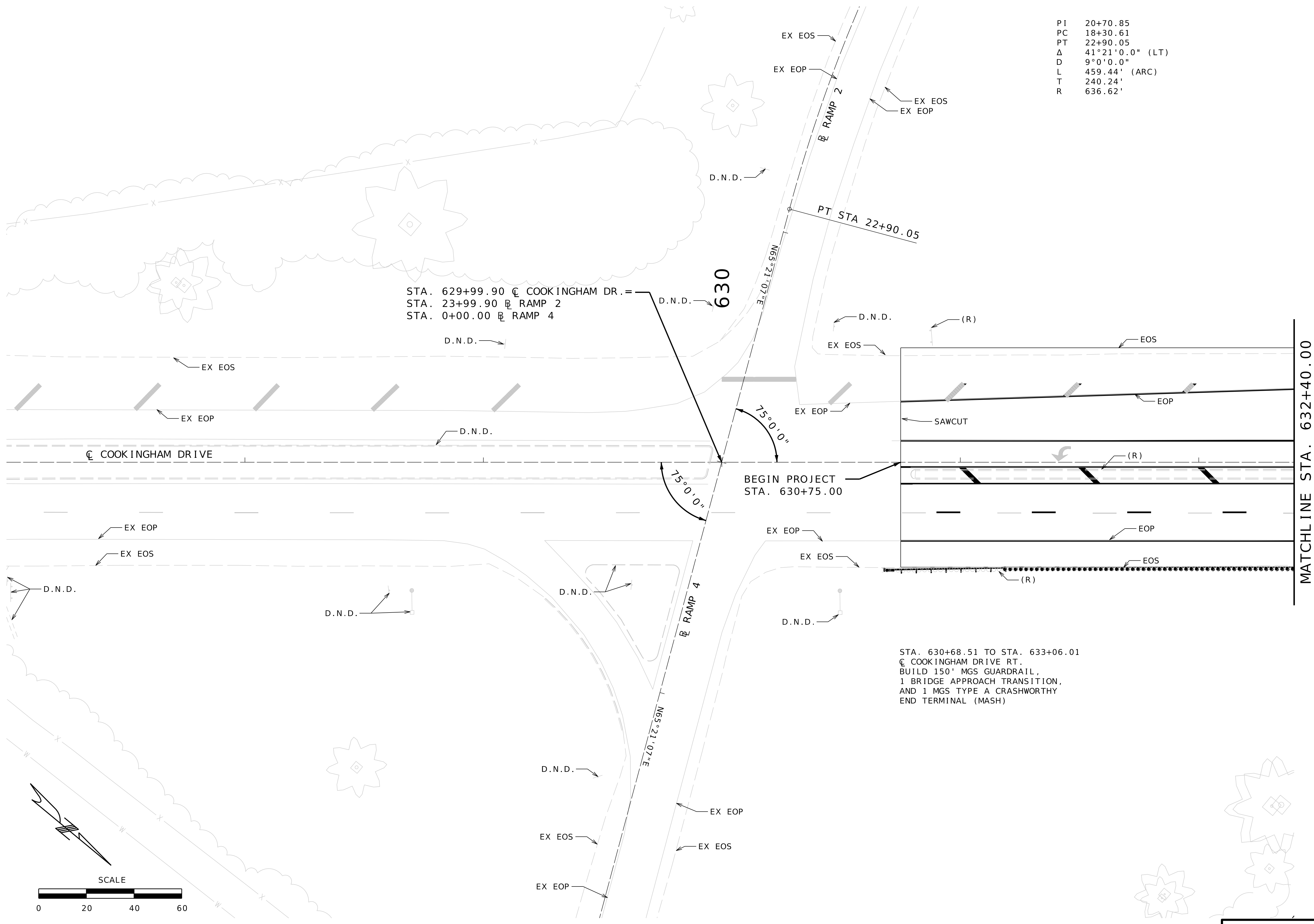
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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NORTH KANSAS CITY, MO 64116
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PLAN & PROFILE
SHEET 2 OF 8





PI 20+70.85
PC 18+30.61
PT 22+90.05
Δ 41°21'0.0" (LT)
D 9°0'0.0"
L 459.44' (ARC)
T 240.24'
R 636.62'

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED 4/30/2025	
ROUTE 1435	STATE MO
DISTRICT KC	SHEET NO. 7
COUNTY PLATTE	
JOB NO. J4S3489	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A9700	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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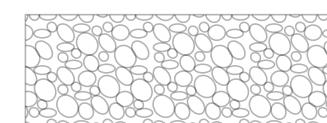
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NORTH KANSAS CITY, MO 64116
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CERTIFICATE OF AUTHORITY NO. 001592

PLAN & PROFILE
SHEET 4 OF 8



LEGEND



TYPE 1 ROCK DITCH LINER



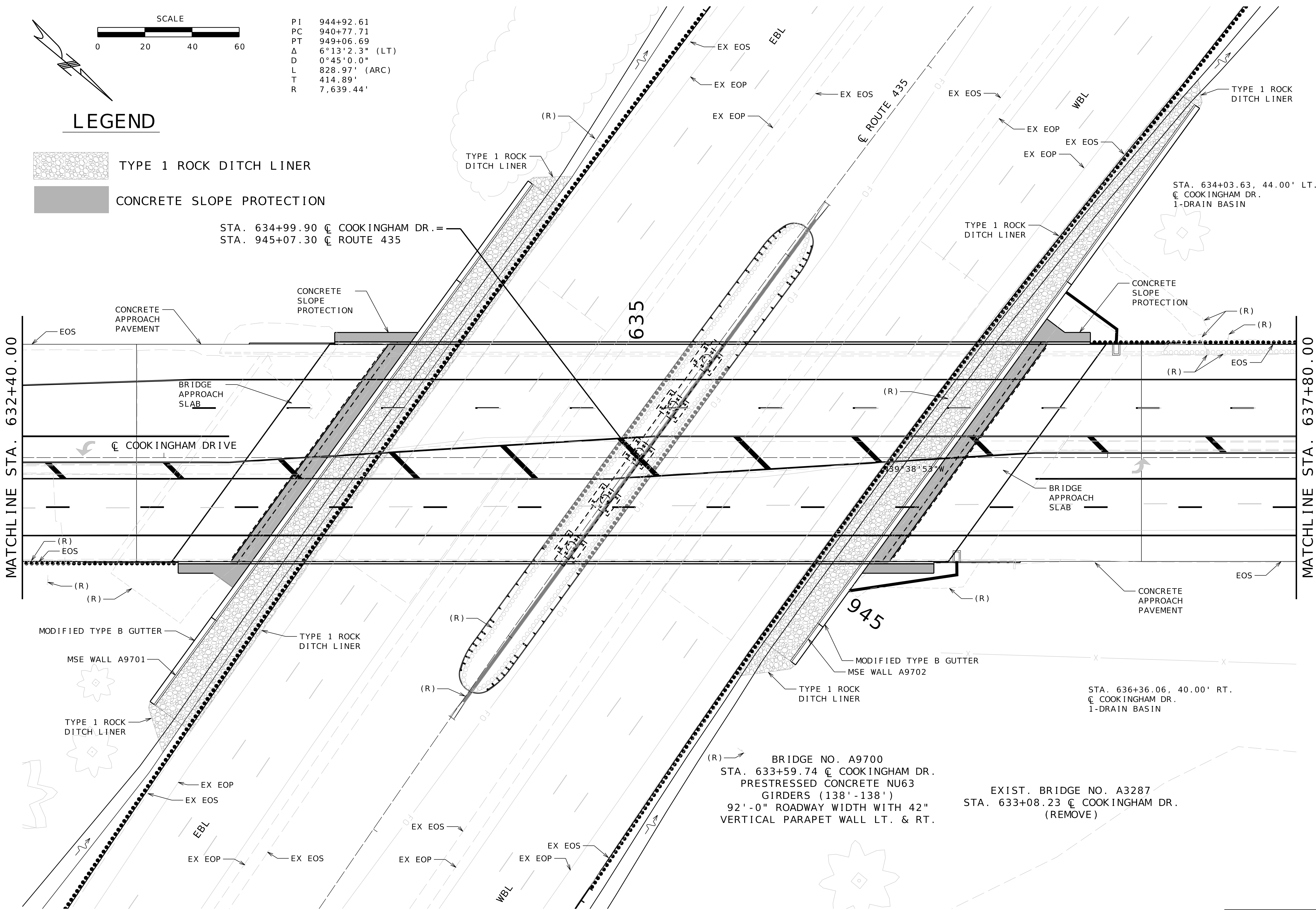
CONCRETE SLOPE PROTECTION

PI 944+92.61
PC 940+77.71
PT 949+06.69
Δ 6°13'2.3" (LT)
D 0°45'0.0"
L 828.97' (ARC)
T 414.89'
R 7,639.44'

STA. 634+99.90 $\oslash$ COOKINGHAM DR. =
STA. 945+07.30 $\oslash$ ROUTE 435

MATCHLINE STA. 632+40.00

MATCHLINE STA. 637+80.00



PLAN & PROFILE
SHEET 5 OF 8

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
4/30/2025

ROUTE 1435 STATE MO
DISTRICT KC SHEET NO. 8

COUNTY
PLATTE

JOB NO.
J4S3489

CONTRACT ID.

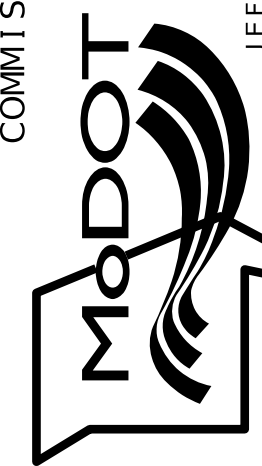
PROJECT NO.

BRIDGE NO.
A9700

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

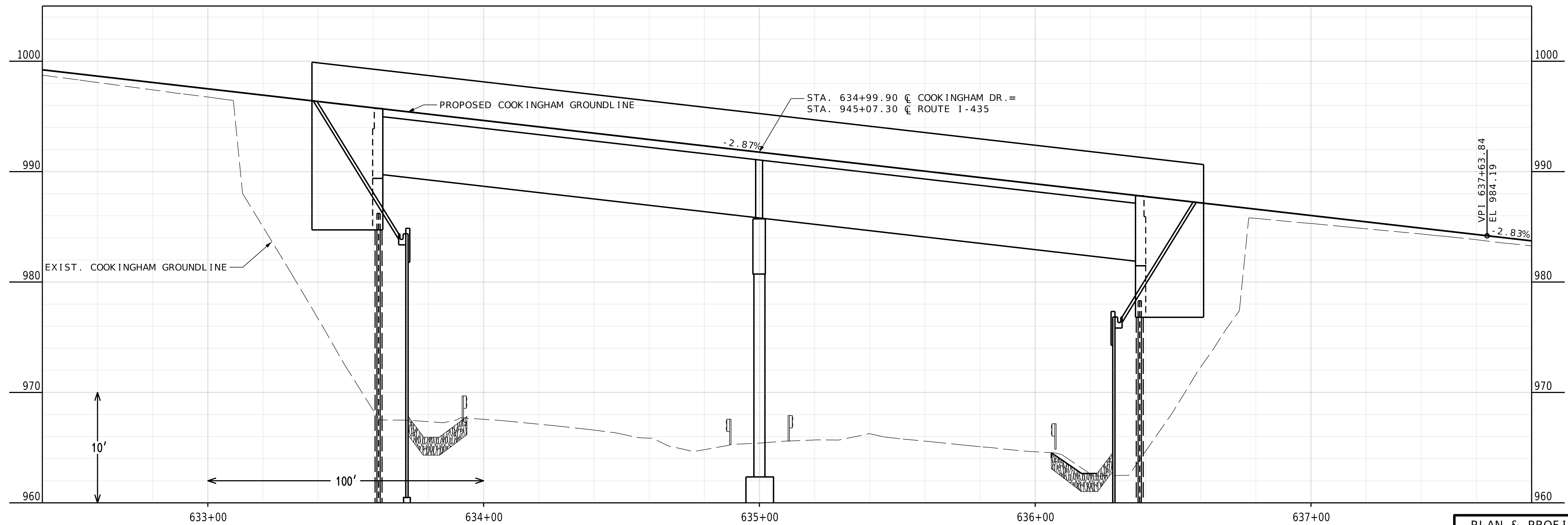
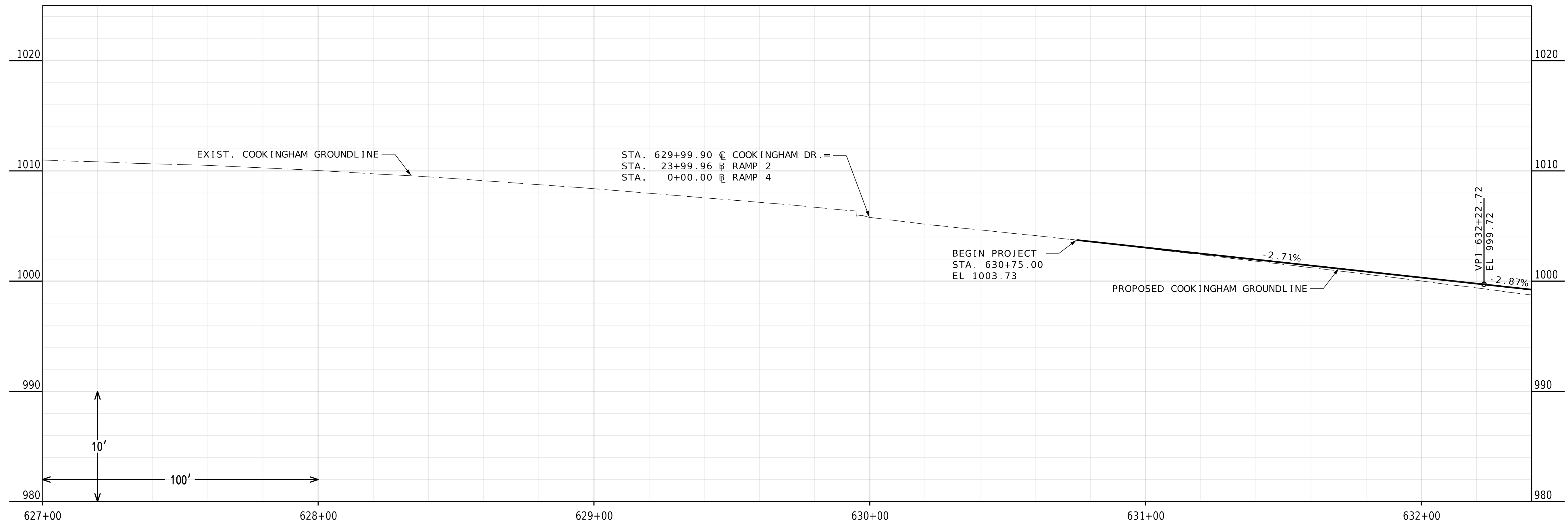


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CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



PLAN & PROFILE
SHEET 7 OF 8

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED

4 / 30 / 202

ROUTE	STATE
I 435	MO

DISTRICT	SHEET NO.
KC	10

COUNTY

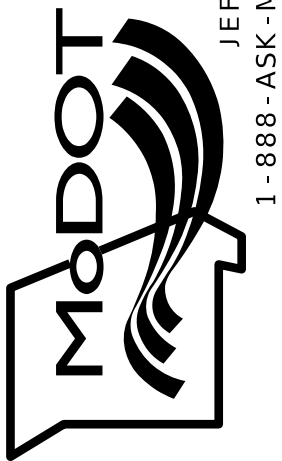
PLATTE

JOB NO.

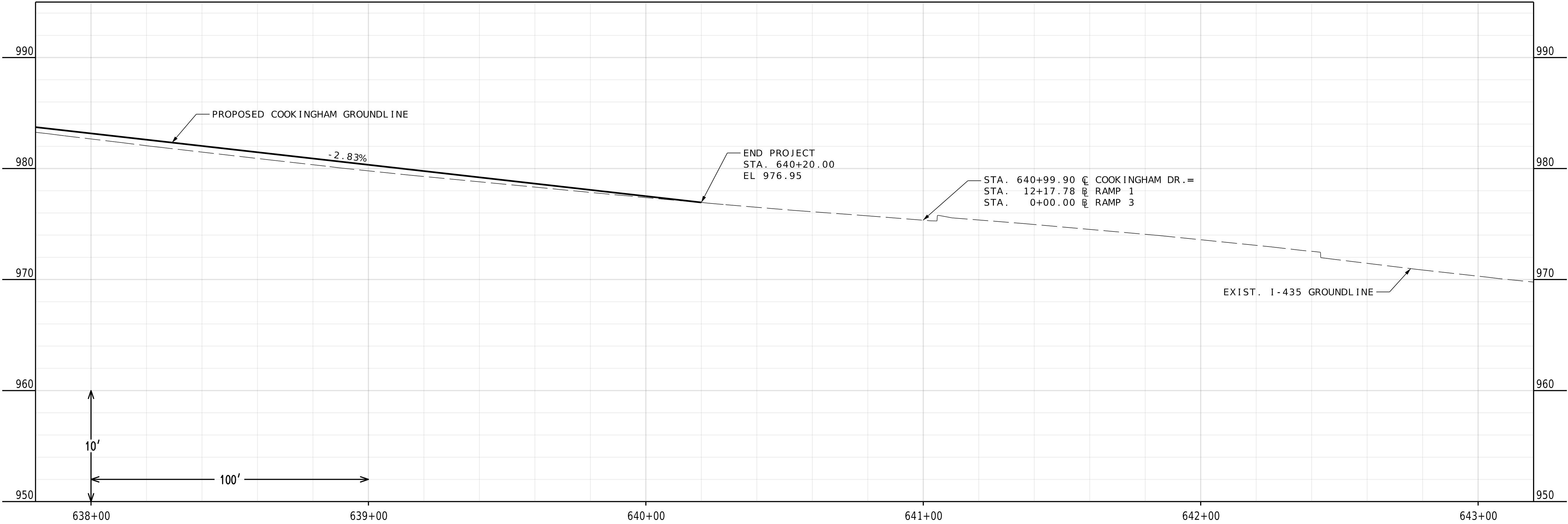
J4S3489

CONTRACT ID

PROJECT NO. _____

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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PLAN & PROFILE
SHEET 8 OF 8

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

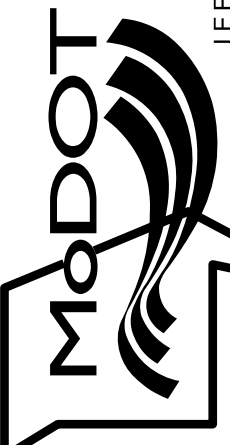
DATE PREPARED
4/30/2025
ROUTE
1435
STATE
MO
DISTRICT
KC
SHEET NO.
11

COUNTY
PLATTE
JOB NO.
J4S3489
CONTRACT ID.

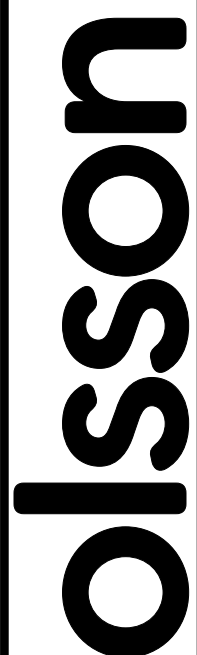
PROJECT NO.
BRIDGE NO.
A9700

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



1301 BURLINGTON STREET, STE. 100
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PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM

STATE PLANE, MISSOURI WEST

HORIZONTAL DATUM

NAD 1983

VERTICAL DATUM

NAVD 1988

GEOID MODEL

PLATTE COUNTY

ELEVATIONS DETERMINED BY

GPS OBSERVATIONS

PROJECT PROJECTION FACTOR

1.00010131

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM

NAD 1983

CONTROL STATION

PL-06

DESIGNATION

PL-06

CORS_ID

PID

165006

LATITUDE

39°18'24.53538"

LONGITUDE

94°37'08.25323"

NORTHING (M)

348516.2920

EASTING (M)

839740.2450

ZONE

WEST

PROJECT AVERAGE GRID FACTOR

0.99989870

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR = STATE PLANE NORTHING

PROJECT EASTING X AVERAGE GRID FACTOR = STATE PLANE EASTING

EXAMPLE: CONTROL POINT #5027

N 1142683.91 X 0.99989870 = N 1142568.156

E 2760693.65 X 0.99989870 = E 2760413.992

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING								
SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND)			DESCRIPTION	GPK POINT ID
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)		
PROJECT CONTROL POINTS								
	949+06.69	ROUTE 435	1027.15'	1142683.91	2760693.65	1017.48	CONTROL -GPS #5027	
	635+66.49	COOK INGHAM	190.01'	1143811.35	2760130.29	985.35	CONTROL -GPS #5030	
				1144937.34	2758563.05	973.83	CONTROL -GPS #5056	
ALIGNMENTS								
COOK INGHAM								
	627+00.00	⌒		1143022.936	2760536.869		BEGIN ALIGNMENT	
	645+35.46	⌒		1144436.196	2759365.717		END ALIGNMENT	
RTE I435								
	940+77.71	⌒		1143623.126	2759597.233		BEGIN ALIGNMENT/PC CURVE	
	944+92.61	RT	11.258	1143626.643	2760012.113		PI CURVE	
				1151262.291	2759532.464		CC CURVE	
	949+06.69	⌒		1143675.072	2760424.171		END ALIGNMENT/PT CURVE	
RAMP 1								
	8+88.79	⌒		1143963.624	2759344.619		BEGIN ALIGNMENT	
	12+17.78	⌒		1144100.827	2759643.633		END ALIGNMENT	
RAMP 2								
	18+30.61	⌒		1143176.867	2759797.158		BEGIN ALIGNMENT/PC CURVE	
	20+70.85	RT	43.82	1143107.823	2760027.264		PI CURVE	
				1143786.630	2759980.117		CC CURVE	
	22+90.05	⌒		1143208.015	2760245.616		PT CURVE	
	23+99.96	⌒		1143253.852	2760345.512		END ALIGNMENT	
RAMP 3								
	0+00.00	⌒		1144100.827	2759643.633		BEGIN ALIGNMENT	
	1+29.57	⌒		1144154.864	2759761.398		END ALIGNMENT	
RAMP 4								
	0+00.00	⌒		1143253.852	2760345.512		BEGIN ALIGNMENT	
	3+26.26	⌒		1143389.919	2760642.048		END ALIGNMENT	

COORDINATE POINT SHEET

SHEET 1 OF 1

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
4/30/2025

ROUTE
I435

STATE
MO

DISTRICT
KC

SHEET NO.
12

COUNTY
PLATTE

JOB NO.
J4S3489

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9700

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SPACING AND TAPER LENGTHS FOR WORK ZONE SIGNS, CHANNELIZERS AND CONCRETE BARRIER

SIGN SPACING FOR ADVANCE SIGN SERIES (1)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

TAPER LENGTHS AND END TREATEMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (2)			END TREATMENT (3)
	10'	11'	12'	
<40	160'	168'	176'	BARRIER HEIGHT TRANSITION
>40	160'	168'	176'	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER	BUFFER LENGTH FT.	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'

NOTE:
SEE STANDARD PLAN 616.10 FOR TEMPORARY TRAFFIC CONTROL DEVICES.

GENERAL NOTES:

1. AS WITH ALL CONSTRUCTION ACTIVITIES TRAFFIC SITUATIONS ARE SUBJECT TO CHANGE. THE CONTRACTOR SHALL BE AWARE THAT ALL TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE STANDARDS OUTLINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) THE MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION, SECTION 600 AND SHALL FOLLOW THE GUIDELINES IN THE MODOT 'TRAFFIC CONTROL FOR FIELD OPERATIONS MANUAL'.
2. TWO (2) PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE SUPPLIED A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF ANY TURNING RESTRICTIONS, LANE CLOSURES, OR DETOURS REQUIRED BY THE TEMPORARY TRAFFIC CONTROL.
3. PLACE A 'ROAD WORK AHEAD' SIGN ON THE APPROACH TO ALL INTERSECTIONS WHERE THE ADVANCE SIGNING FOR THE TEMPORARY TRAFFIC CONTROL EXTENDS PAST THAT INTERSECTION.
4. NOTIFY XXXXXX. MODOT RESIDENT ENGINEER AT XXX-XXX-XXXX (OFFICE) 48-HOURS IN ADVANCE OF ANY LANE CLOSURE OR ROADWAY CLOSURE.
5. ALL EXISTING SIGNS SHALL BE USED IN PLACE. ADJUSTED AND/OR COVERED AS CONDITIONS REQUIRE.
6. REFER TO MODOT STANDARD PLANS 619.10J. SHEETS 1-3 FOR "PAVEMENT EDGE TREATMENT" DETAILS. THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THIS STANDARD DURING WORKING AND NON-WORKING HOURS.
7. ALL STATIONING, DISTANCES, AND SPACING OF WORK ZONES DEVICES ARE APPROXIMATE AND MAY BE REVISED AS APPROVED BY ENGINEER.
8. TYPE III MOVEABLE BARRICADES TO BE LOCATED AS APPROVED BY THE ENGINEER TO FIT FIELD CONDITIONS.
9. FIRST ORDER OF WORK ON ALL PHASES SHALL BE PLACEMENT OF ALL WORK ZONE WARNING DEVICES AND SIGNS AS NOTED.
10. SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED OR AS APPROVED BY THE ENGINEER.
11. SIGNS LEFT IN PLACE OVERNIGHT MUST BE MOUNTED AT 5' MINIMUM.
12. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
13. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
14. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
15. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS OR CONSTRUCTION SIGNS.
16. DISTANCE MAY BE ADJUSTED (INCREASED, TYPICALLY) ACCORDING TO FIELD CONDITIONS.
17. REFER TO MODOT STANDARD PLAN, 612.20 FOR SAND FILLED IMPACT ATTENUATORS AND 617.20 FOR TEMPORARY CONCRETE TRAFFIC BARRIER.

NOTES:

(1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED CONDITION MAY BE ADJUSTED BY INCREASING TO ACCOMMODATE FIELD CONDITIONS AND VISIBILITY.

(2) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER.

(3) CONCRETE BARRIER MAY BE INSTALLED AT AND 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER. CONTRACTOR MY PROVIDE CONCRETE BARRIER AT OWN EXPENSE. INCIDENTAL TO PROJECT.

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
5/2/2025

ROUTE
1435

STATE
MO

DISTRICT
KC

SHEET NO.
13

COUNTY
PLATTE

JOB NO.
J4S3489

CONTRACT ID.

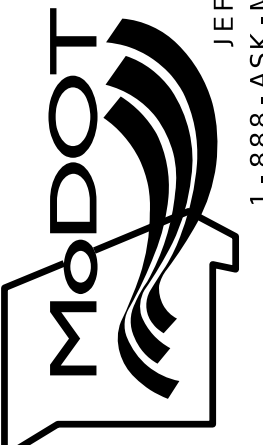
PROJECT NO.

BRIDGE NO.
A9700

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

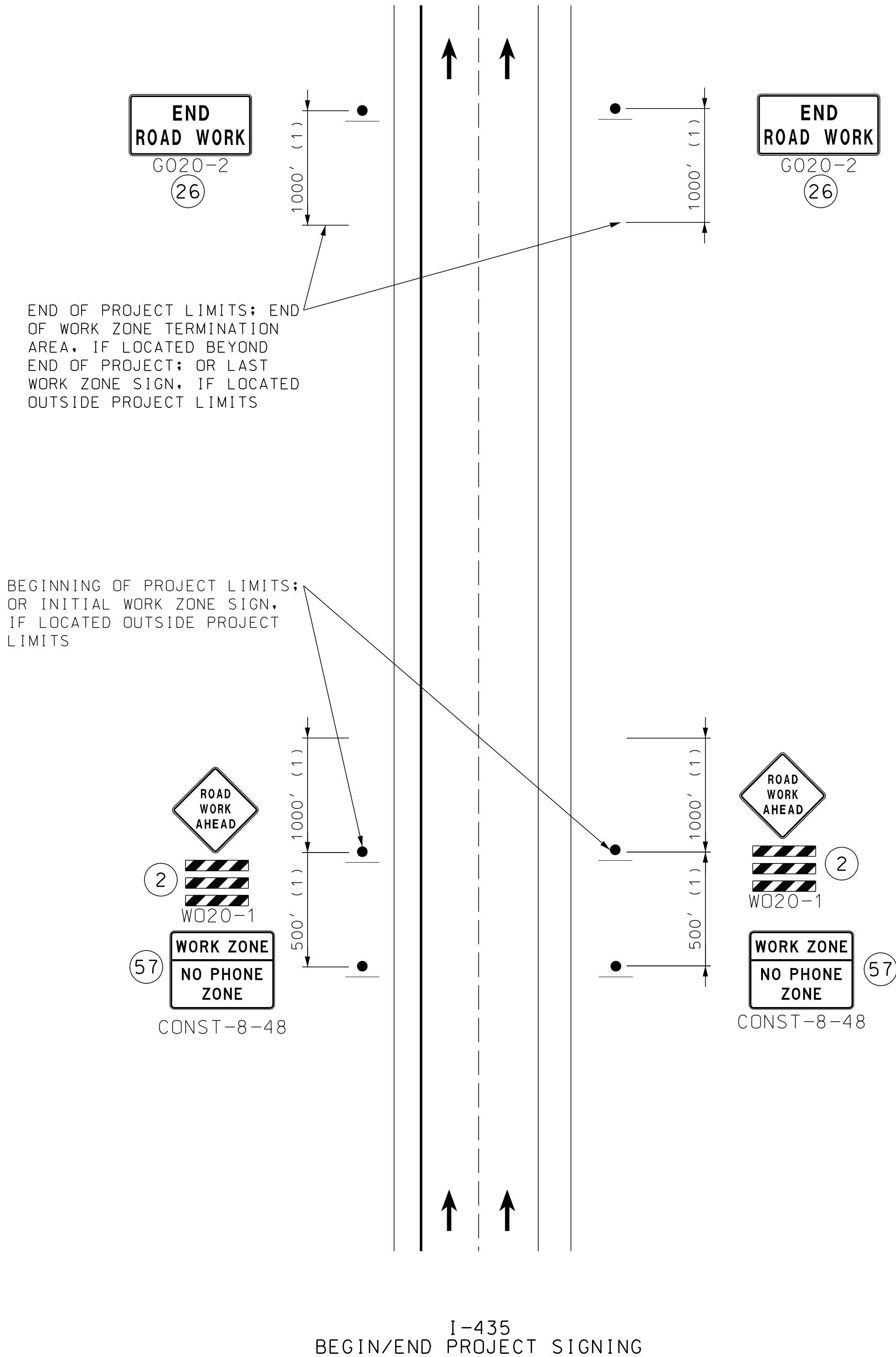


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olsson

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PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

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NOTES:

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCED WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED 5/2/2025	
ROUTE 1435	STATE MO
DISTRICT KC	SHEET NO. 14
COUNTY PLATTE	
JOB NO. J4S3489	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A9700	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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TRAFFIC CONTROL
SHEET 2 OF 8

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
PERMANENT POSTED SPEED MPH	^S UNDIVIDED HIGHWAYS	^S DIVIDED HIGHWAYS
0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

SHOULDER WORK NOTES:
PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED
HIGHWAYS.

ROAD WORK AHEAD SIGN NOT NEEDED IF SHOULDER WORK
IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA
WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY USED.

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED
LIMIT GUIDELINES.

(3) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW
LANE SECTIONS LESS THAN ONE MILE.

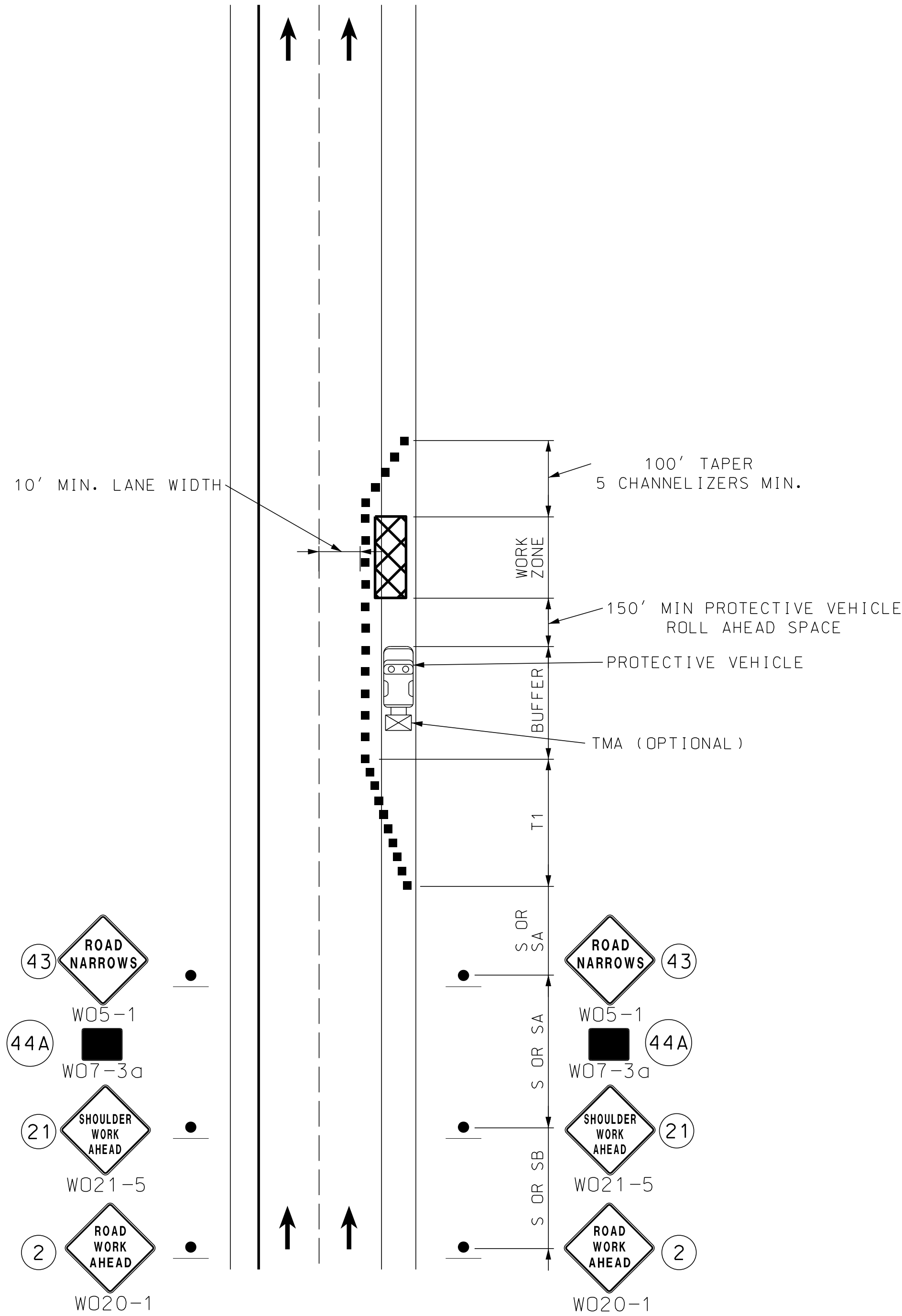
THE PROTECTIVE VEHICLE MAY BE OMITTED IF A TAPER
AND CHANNELIZING DEVICES ARE USED.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER
SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR
SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS
SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS
NOT IN PROGRESS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED
INSTEAD OF VEHICLES ROTATING LIGHTS OR STROBE LIGHTS.

SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-DENSITY
ROTATING, FLASHING, OSCILLATING, OR STROE LIGHTS.

SEE SHEET 13 FOR TAPER LENGTHS AND CHANNELIZER SPACING.



I-435
SHOULDER WORK WITH MINOR ENCROACHMENT
ON DIVIDED AND UNDIVIDED HIGHWAYS

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
5/2/2025

ROUTE
1435
STATE
MO
DISTRICT
KC
SHEET NO.
15

COUNTY
PLATTE

JOB NO.
J4S3489

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9700

DESCRIPTION	DATE

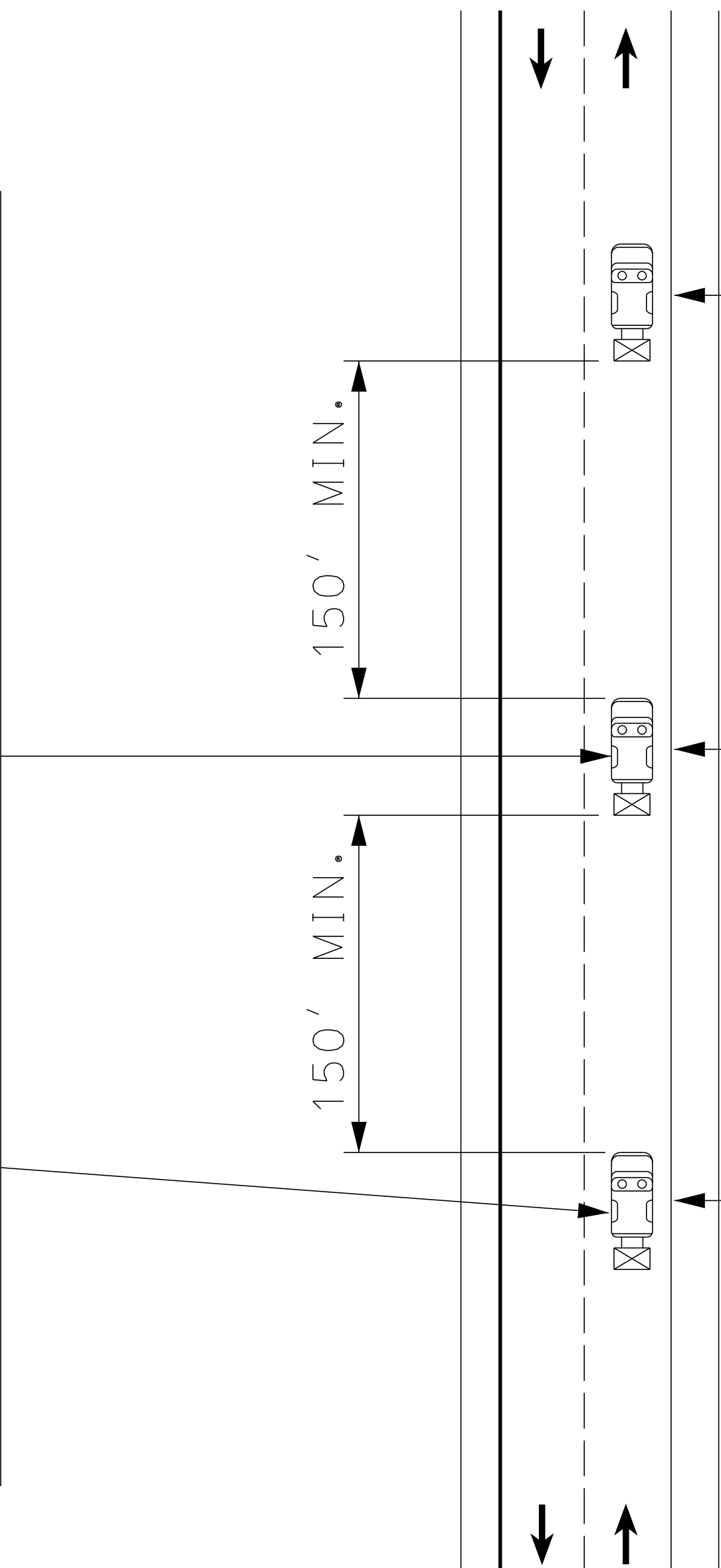
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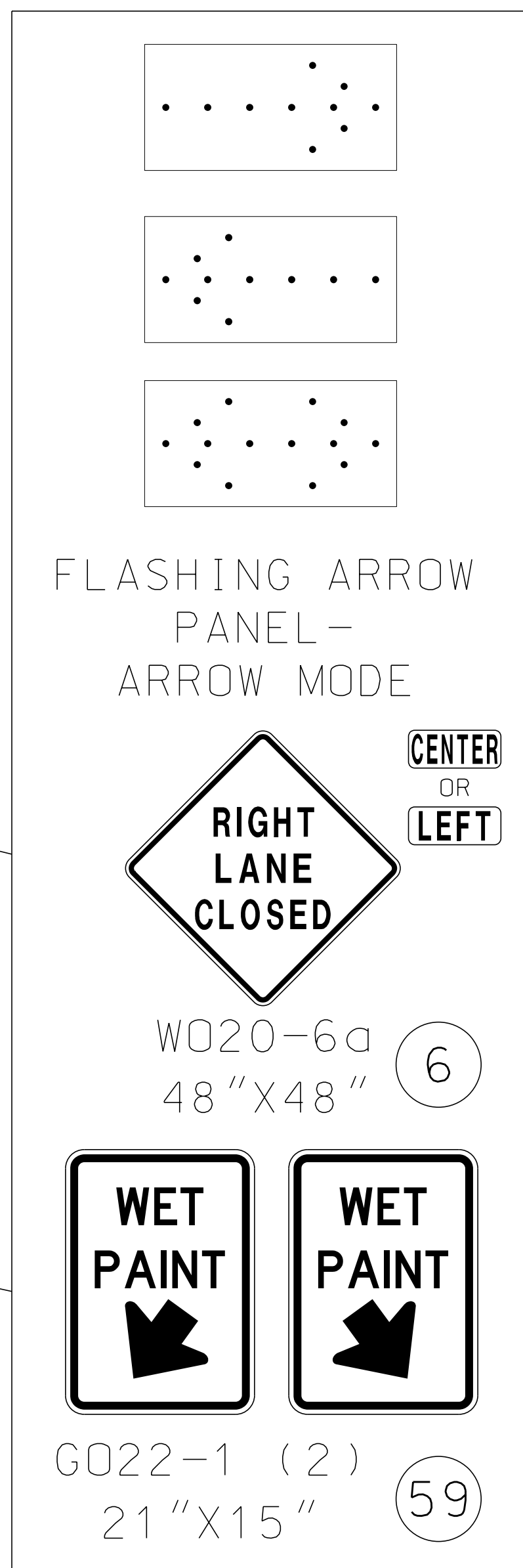
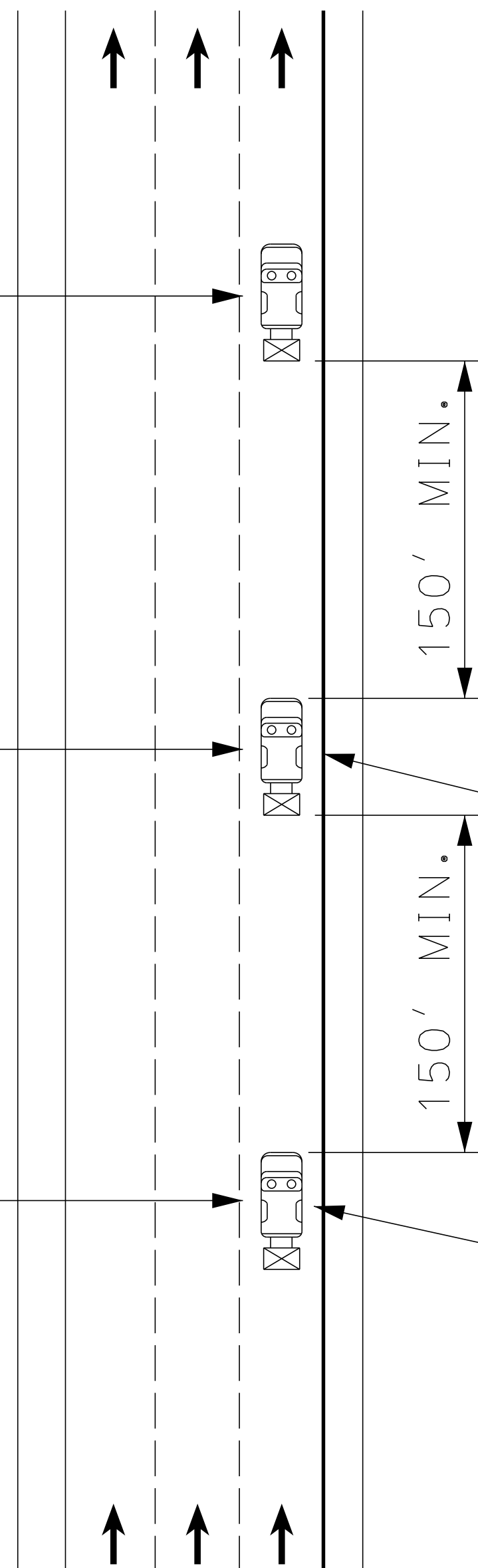
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PAVEMENT MARKING EQUIPMENT

WARNING TRUCK WITH WORK SIGNS, FLASHING ARROW PANEL AND OPTIONAL TRUCK OR TRAILER MOUNTED ATTENUATOR. (1)

ADVANCE WARNING TRUCK WITH WORK SIGNS, FLASHING ARROW PANEL AND TRUCK OR TRAILER MOUNTED ATTENUATOR. (3)



TWO-LANE UNDIVIDED HIGHWAY

MULTI-LANE DIVIDED HIGHWAY

NOTES:
UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATION, FLASHING, OSCILLATION, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLES'S HIGH-INTENSITY ROTATION, FLASHING, OSCILLATING, OR STROBE LIGHTS.

(1)TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(3) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICH EVER IS GREATER.

STRIPING OPERATION

TRAFFIC CONTROL
SHEET 4 OF 8

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
5/2/2025

ROUTE
1435

STATE
MO

DISTRICT
KC

SHEET NO.
16

COUNTY
PLATTE

JOB NO.
J4S3489

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9700

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

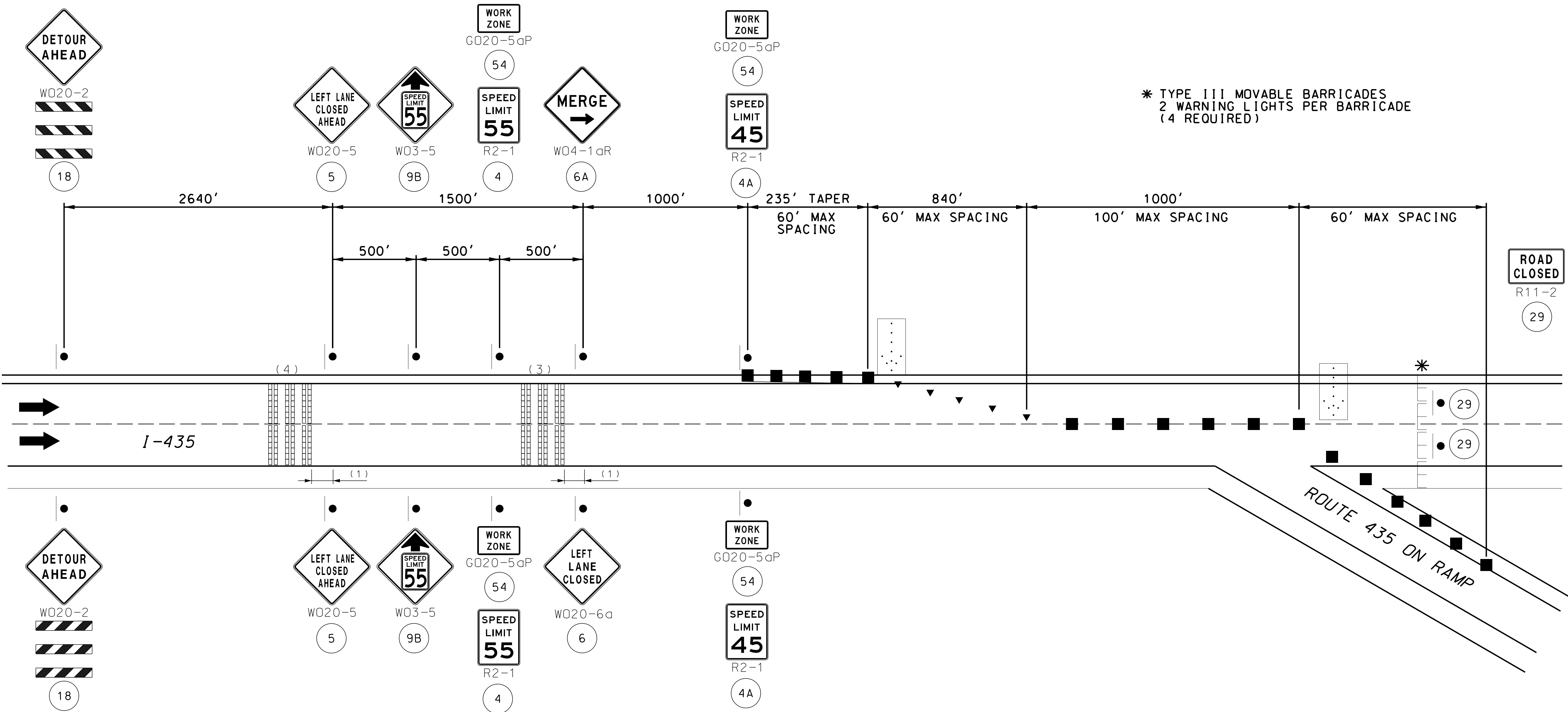
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JEFFERSON CITY, MO 65102
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MoDOT

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NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

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STAGE
ROUTE I-435
BRIDGE REHABS



* TYPE III MOVABLE BARRICADES
2 WARNING LIGHTS PER BARRICADE
(4 REQUIRED)

NOTES:

NO DIRECT PAY WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE. ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.

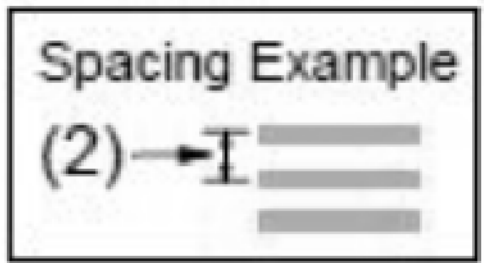
SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

SEE SPECIAL PROVISIONS FOR I-29 CLOSURE RESTRICTIONS.

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

(1) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

SHORT-TERM RUMBLE STRIPS		
SPEED (1) MPH	DISTANCE (1)	SPACING (2)
0 - 45 OPTIONAL	120 FT	10 FT
50 - 55	160 FT	15 FT
60 - 70	200 FT	20 FT



Spacing (2) may need to be adjusted if temporary rumbles strips are sliding or moving.

NORTH I-29 DETOUR (EXIT 92)
SOUTH I-29 DETOUR (EXIT 92)

SEE EPG 616.6.87 TEMPORARY RUMBLE STRIPS FOR RUMBLE STRIP GUIDANCE AND LOCATIONS.

TEMPORARY RUMBLE STRIPS SHALL BE ORANGE, IN COLOR.

LONG-TERM RUMBLE STRIPS SHALL CONSIST OF 5 STRIPS SEPARATE AT 10-12 FT. CENTERS OR MANUFACTURE'S RECOMMENDATION.

TWO OR FOUR SETS OF RUMBLE STRIPS MAY BE USED SIMULTANEOUSLY COVERING LOCATIONS (3) AND (4). IF ONLY TWO SETS ARE USED, THE PREFERRED PLACEMENT IS AT LOCATION (3)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▼ DIRECTIONAL INDICATOR
- E TYPE 3 MOVABLE BARRICADE
- DIRECTION OF TRAFFIC
- FLASHING ARROW PANEL
- LONG-TERM RUMBLE STRIPS

TRAFFIC CONTROL
SHEET 5 OF 8

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
5/2/2025

ROUTE 1435 STATE MO
DISTRICT KC SHEET NO. 17

COUNTY
PLATTE

JOB NO.
J4S3489

CONTRACT ID.

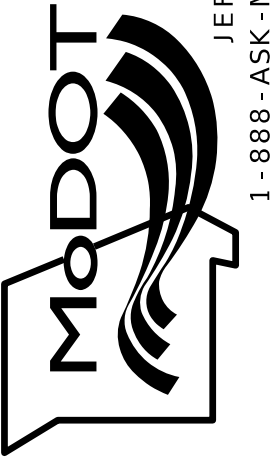
PROJECT NO.

BRIDGE NO.
A9700

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

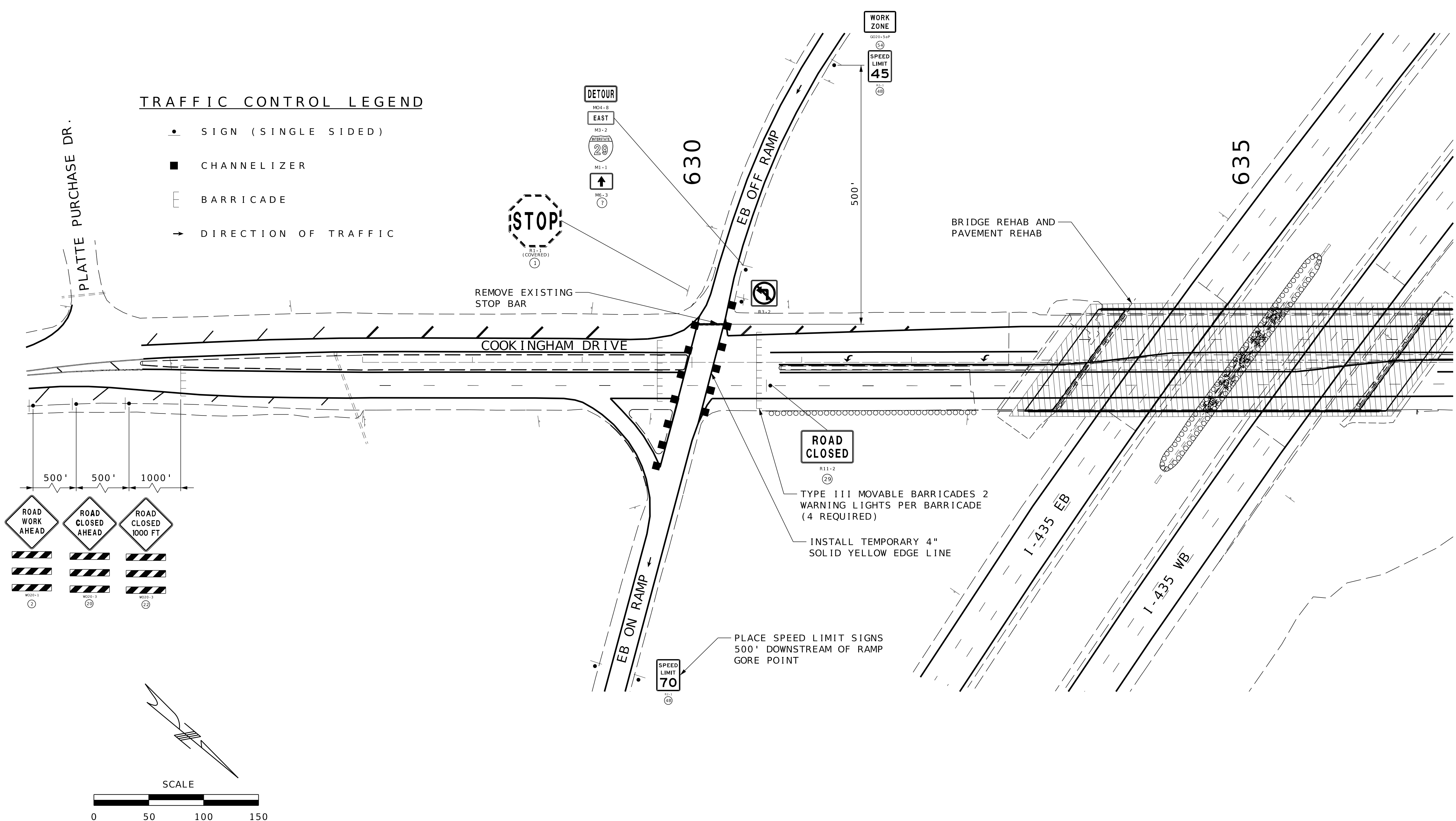


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CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

ROUTE I-435
BRIDGE REHAB
AND COOKINGHAM DRIVE PAVEMENT REHAB



PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
5/2/2025
ROUTE
I435
STATE
MO
DISTRICT
KC
SHEET NO.
18

COUNTY
PLATTE
JOB NO.
J4S3489
CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9700

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

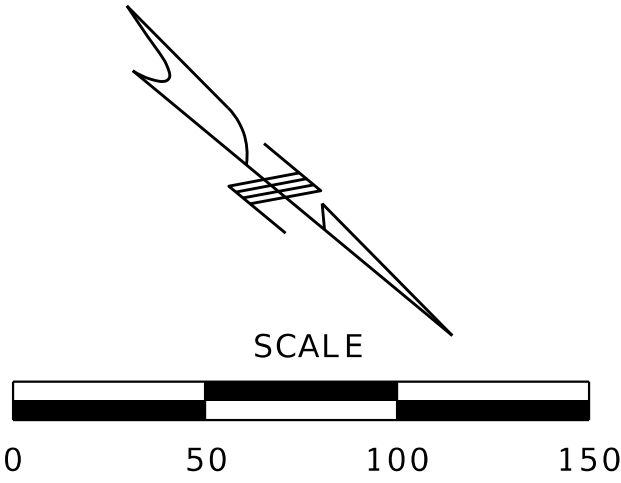
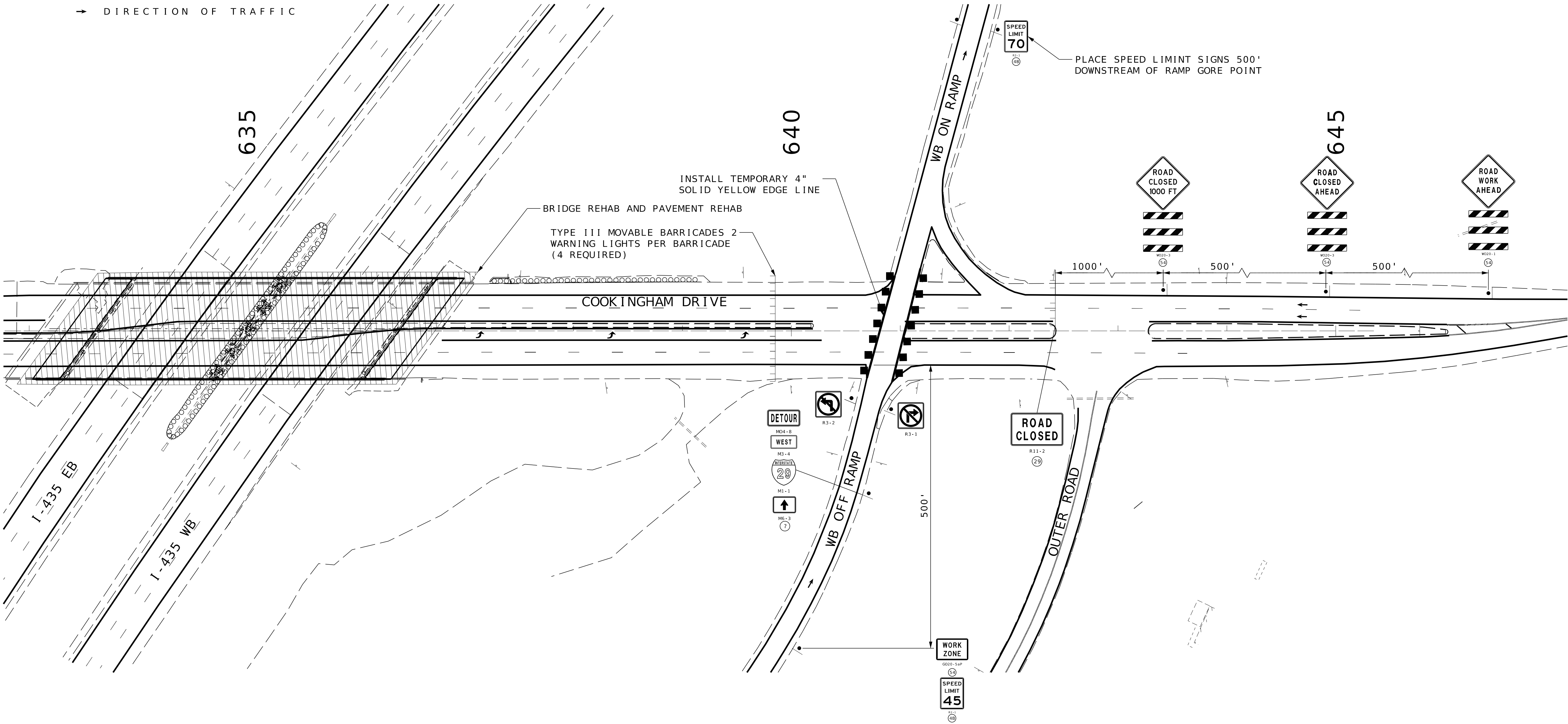
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PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

TRAFFIC CONTROL
SHEET 6 OF 8

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▮ BARRICADE
- DIRECTION OF TRAFFIC

ROUTE 1-435
BRIDGE REHAB
AND COOKINGHAM DRIVE PAVEMENT REHAB



PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED 5/2/2025	
ROUTE 1435	STATE MO
DISTRICT KC	SHEET NO. 19

COUNTY
PLATTE

JOB NO.
J4S3489

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9700

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

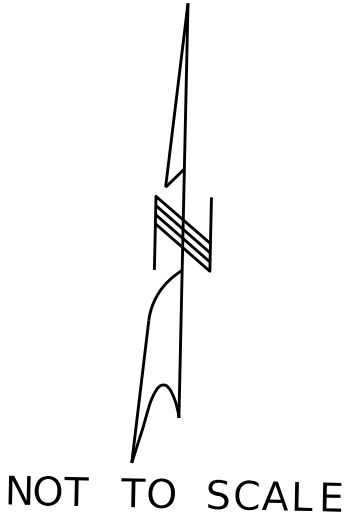
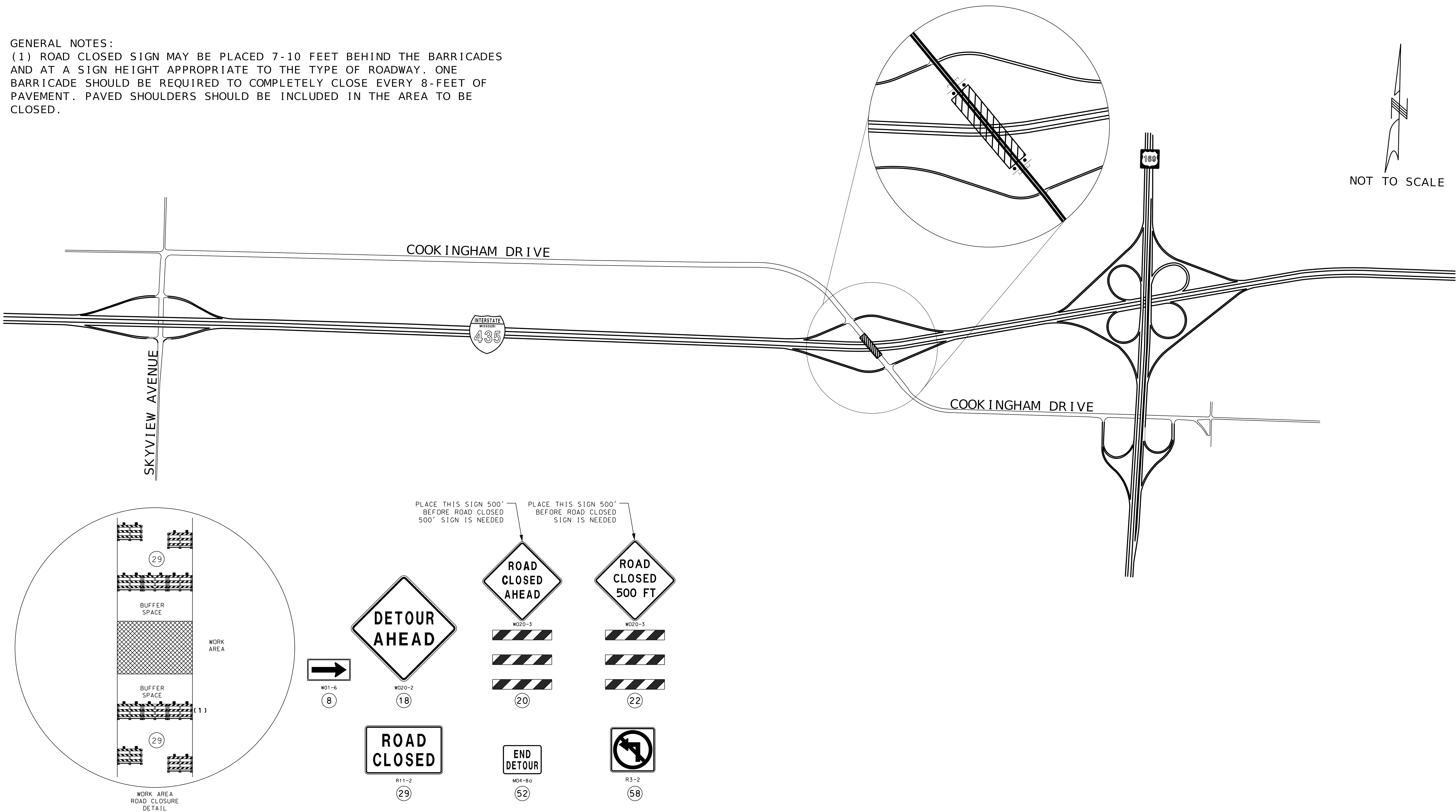
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CERTIFICATE OF AUTHORITY NO. 001592

TRAFFIC CONTROL
SHEET 7 OF 8

GENERAL NOTES:
(1) ROAD CLOSED SIGN MAY BE PLACED 7-10 FEET BEHIND THE BARRICADES
AND AT A SIGN HEIGHT APPROPRIATE TO THE TYPE OF ROADWAY. ONE
BARRICADE SHOULD BE REQUIRED TO COMPLETELY CLOSE EVERY 8- FEET OF
PAVEMENT. PAVED SHOULDERS SHOULD BE INCLUDED IN THE AREA TO BE
CLOSED.



PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED 5/2/2025	
ROUTE 1435	STATE MO
DISTRICT KC	SHEET NO. 20
COUNTY PLATTE	
JOB NO. J4S3489	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A9700	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

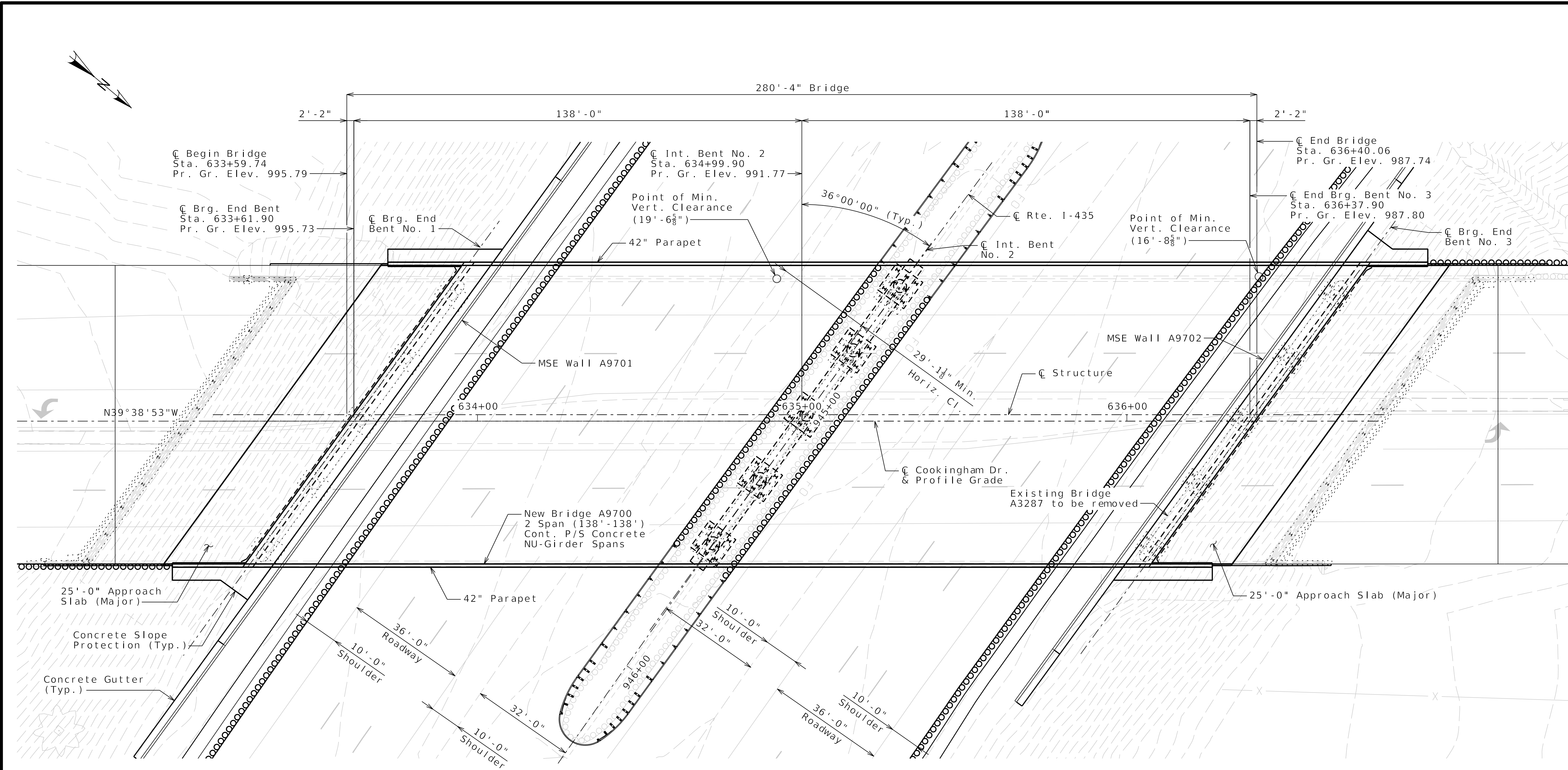
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JEFFERSON CITY, MO 65102
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CERTIFICATE OF AUTHORITY NO. 001592

TRAFFIC CONTROL
SHEET 8 OF 8



PLAN

PRELIMINARY
PLANS NOT
FOR
CONSTRUCTION

DATE PREPARED

4/28/2025

ROUTE

COOKINGHAM DRIVE

DISTRICT

BR

STATE

MO

SHEET NO.

1

COUNTY

PLATTE

JOB NO.

J4S3489

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

A9700

DESCRIPTION

DATE

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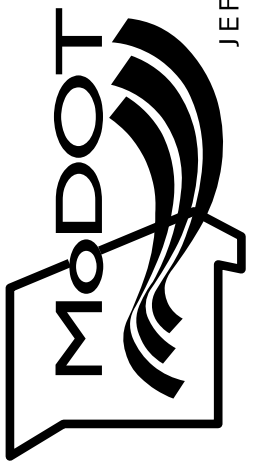
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



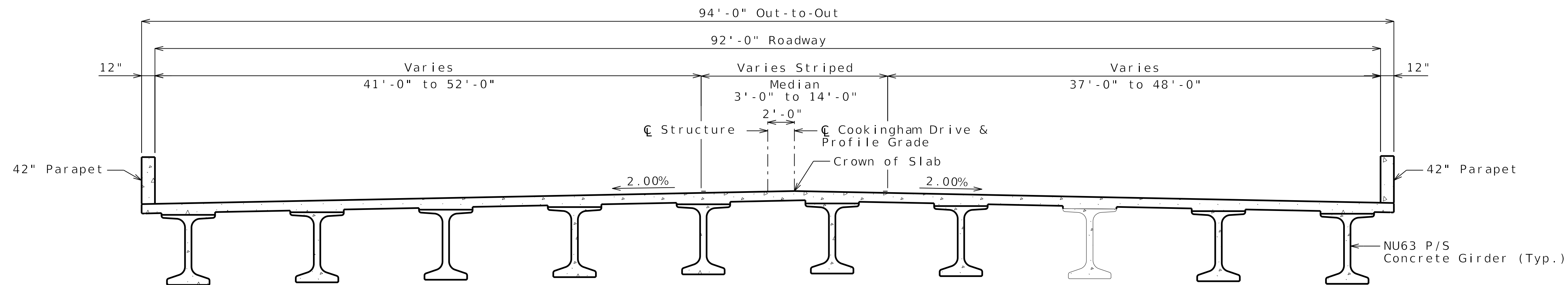
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson

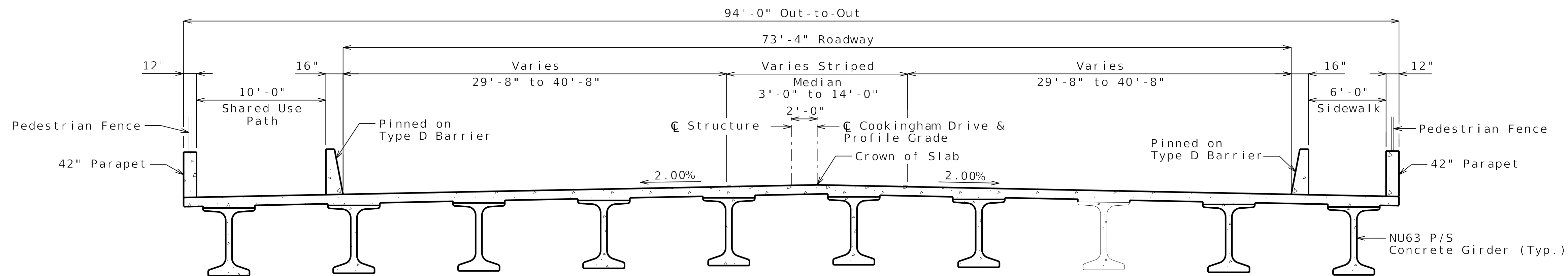
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116

PHONE: 816.361.1177

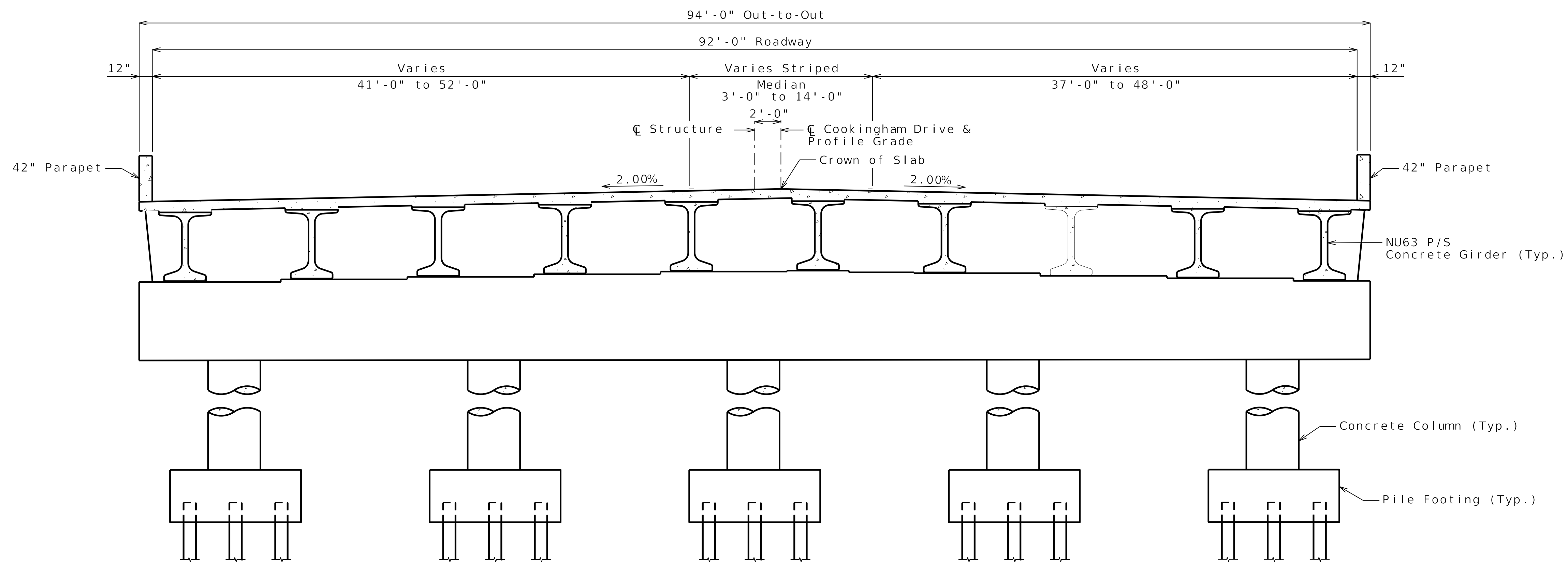
CERTIFICATE OF AUTHORITY NO. 001592



PROPOSED TYPICAL SECTION



FUTURE TYPICAL SECTION



PROPOSED TYPICAL SECTION AT INTERMEDIATE BENT

PRELIMINARY
PLANS NOT
FOR
CONSTRUCTION

DATE PREPARED
4/28/2025
ROUTE
COOKINGHAM
DRIVE
DISTRICT
BR
STATE
MO
SHEET NO.
3

COUNTY
PLATTE
JOB NO.
J4S3489
CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9700

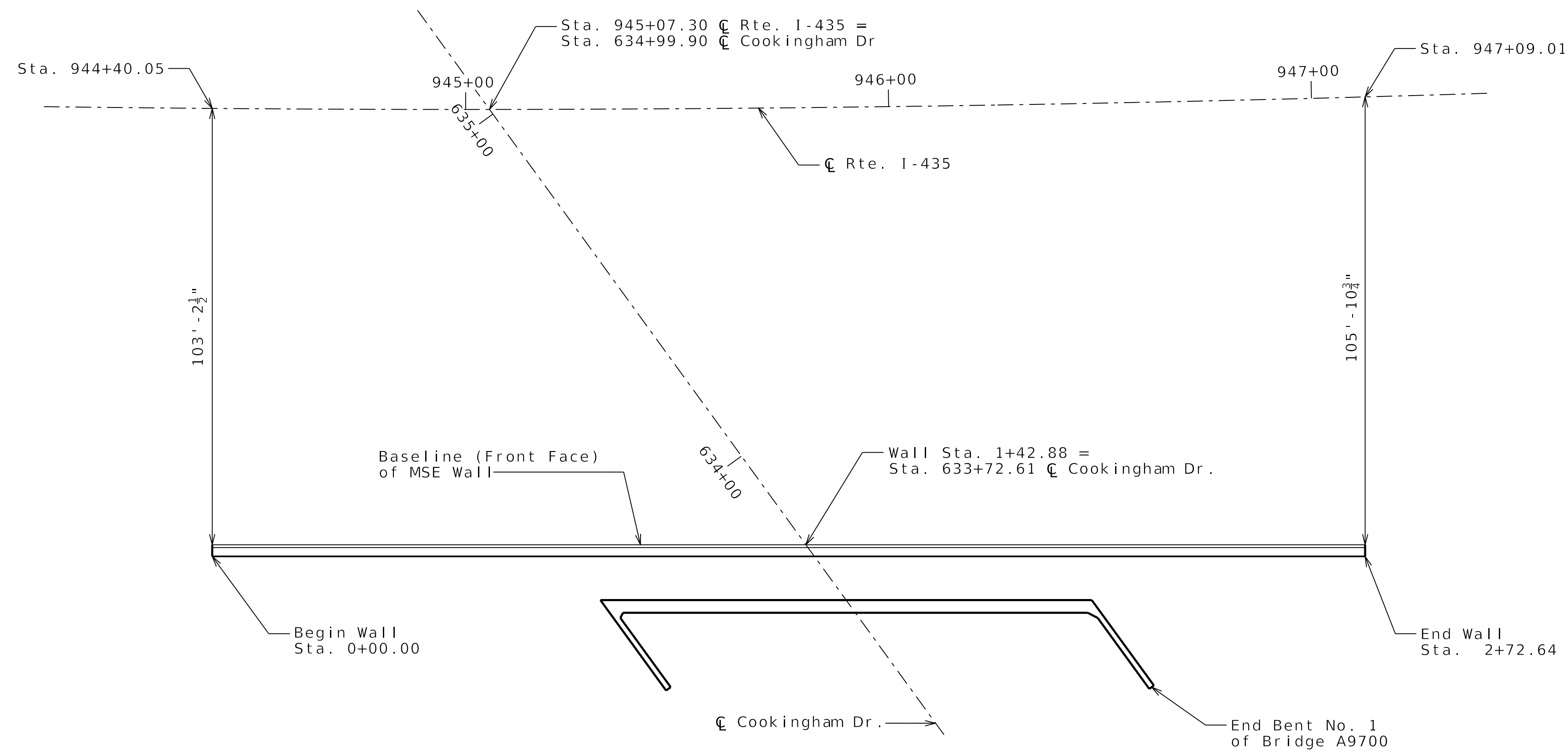
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

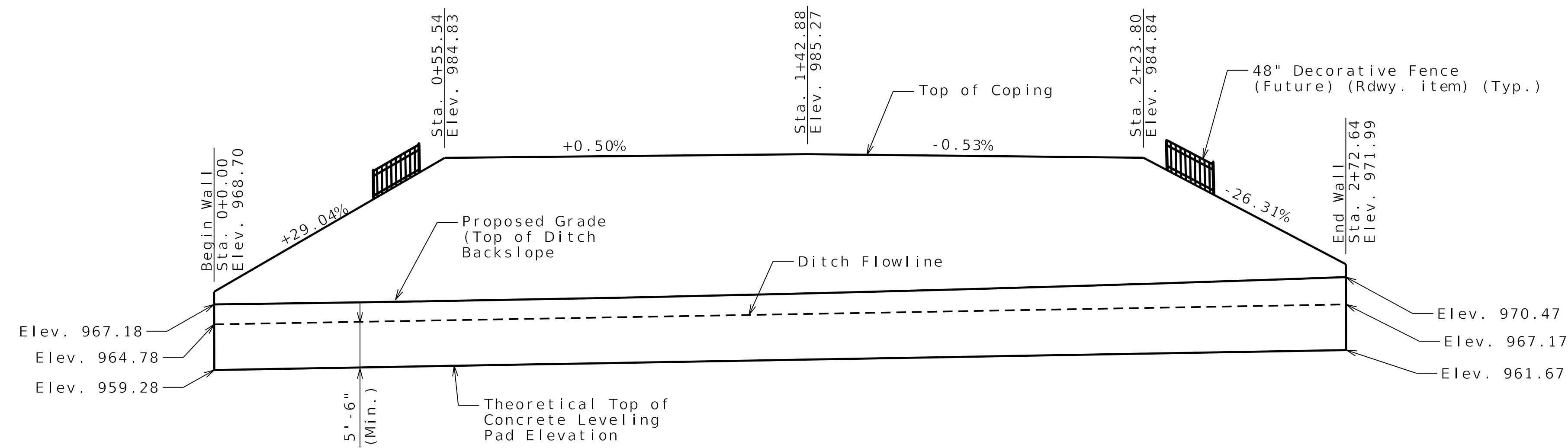
SEC/SUR	21/22	TWP	52N	RGE	33W
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273' MECHANICALLY STABILIZED EARTH (MSE) RETAINING WALL SYSTEM



PLAN

Concrete Leveling pad and Coping not shown for clarity.



DEVELOPED ELEVATION

Concrete Leveling pad and Coping not shown for clarity.

RETAINING WALL ALONG RIGHT SIDE OF ROUTE I-435

COOKINGHAM DRIVE FROM ROUTE 169 TO ROUTE I-435
ABOUT 1.1 MILES WEST OF ROUTE 169
TIE STATION 633+72.61

PRELIMINARY
PLANS NOT
FOR
CONSTRUCTION

DATE PREPARED
4/28/2025

ROUTE I - 435	STATE MO
DISTRICT BR	SHEET NO 1

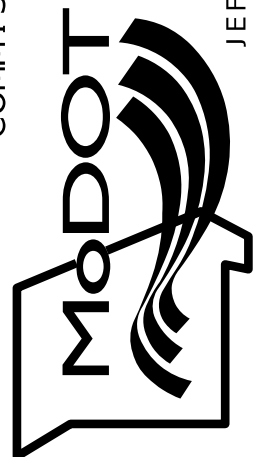
COUNTY
PLATTE

JOB NO.
J4S3489

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9701

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COMMISSION

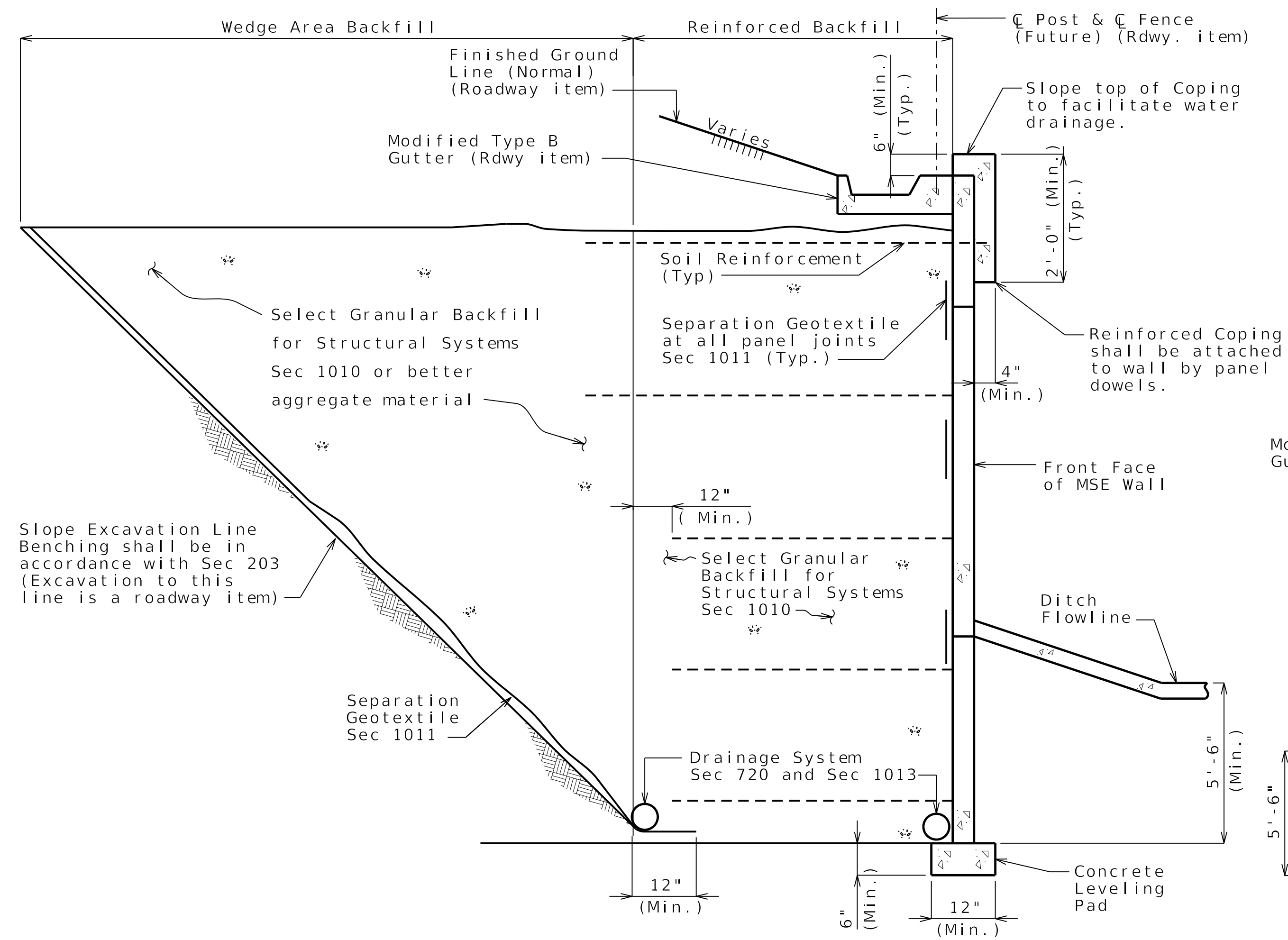
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olson

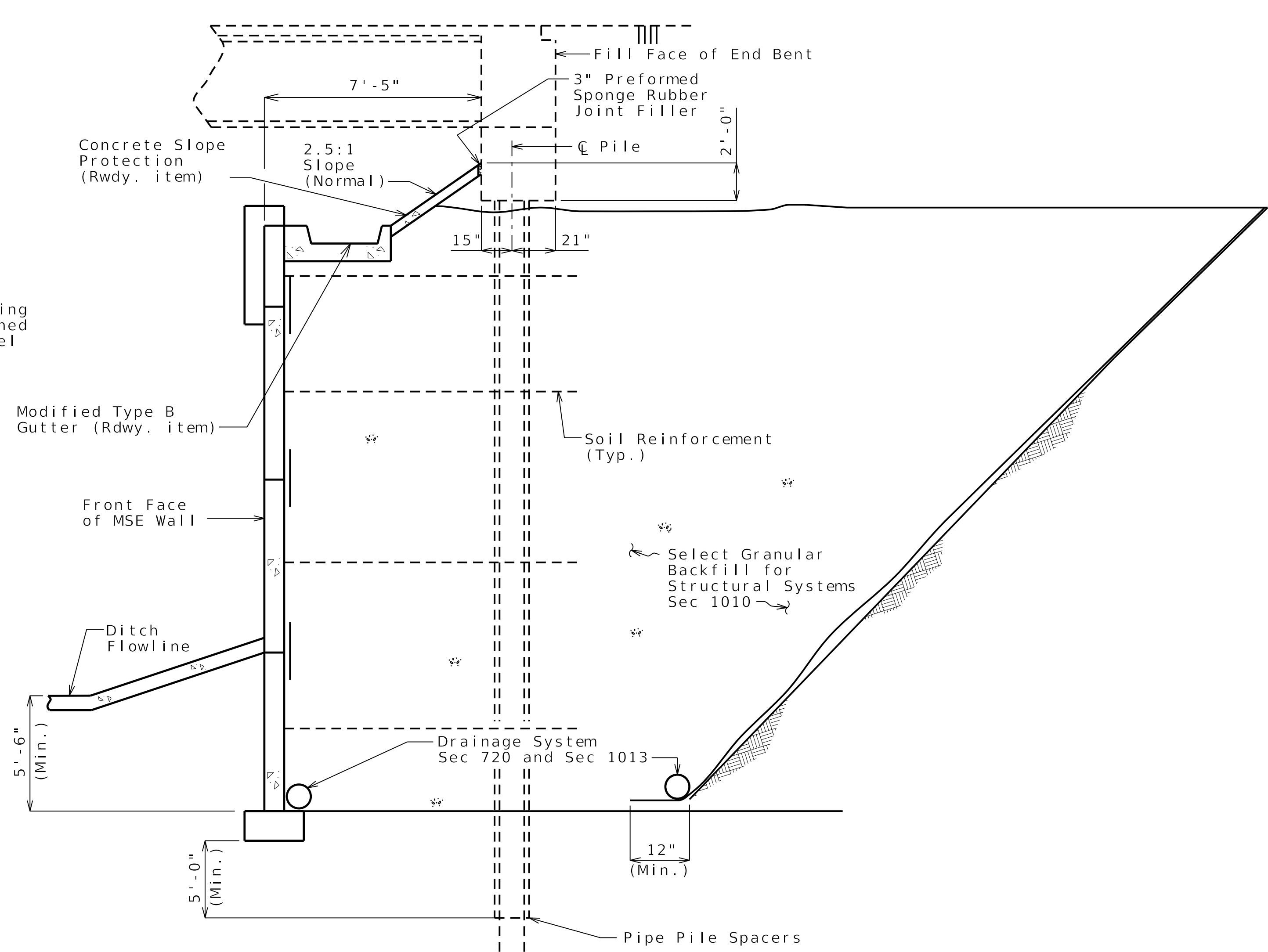
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001599

CERTIFICATE OF AUTHORITY NO. 001592

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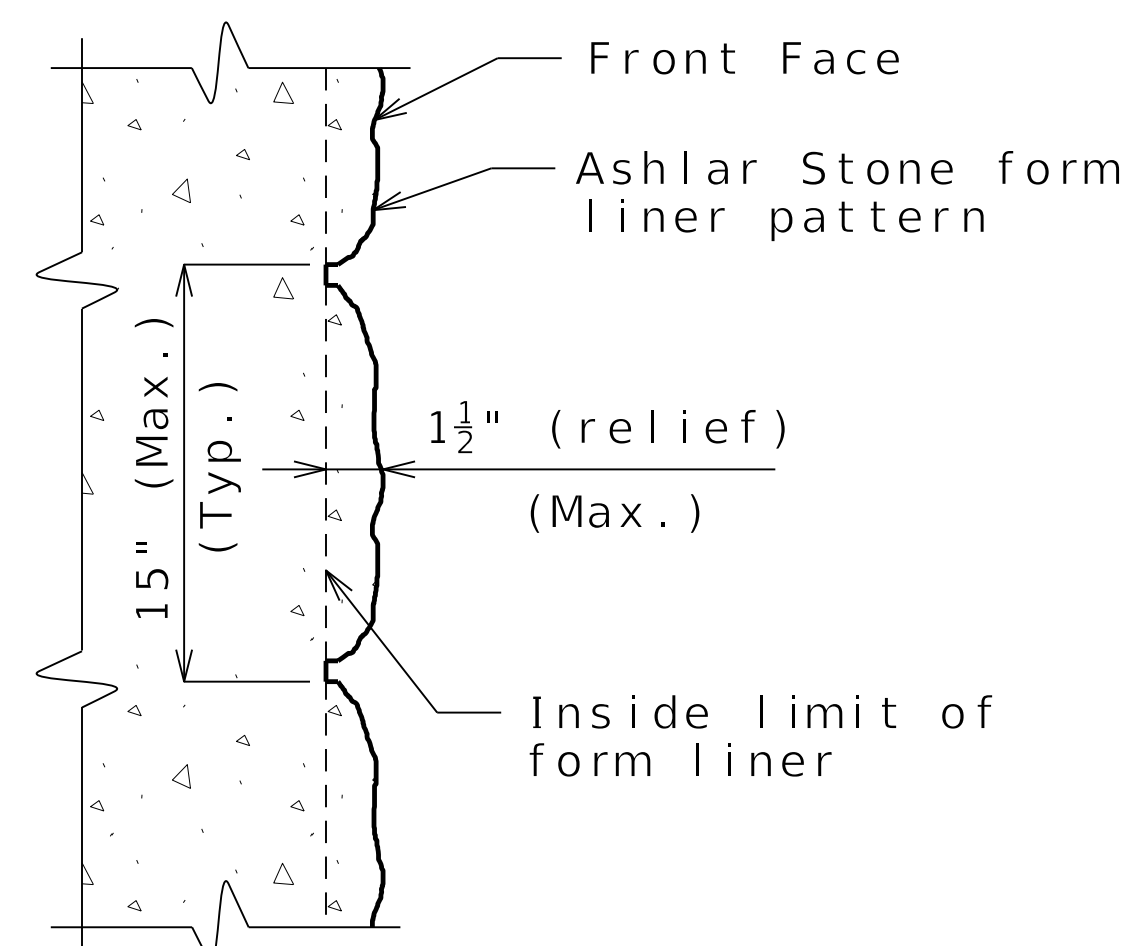


TYPICAL SECTION THRU PRECAST
MODULAR PANEL WALL (GENERAL)



TYPICAL SECTION THRU PRECAST
MODULAR PANEL WALL UNDER BRIDGE

Note: For additional information, see Typical Section
Thru Precast Modular Panel Wall (General).



FORM LINER DETAIL
(PRECAST MODULAR PANEL WALL)

DETAILS FOR GENERIC MSE WALL

PRELIMINARY
PLANS NOT
FOR
CONSTRUCTION

DATE PREPARED
4/28/2025

ROUTE I - 435	STATE MO
DISTRICT BR	SHEET NO. 2

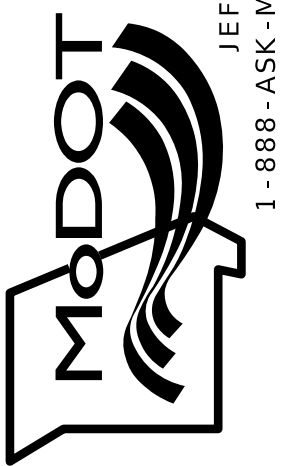
COUNTY
PLATTE
JOB NO.
J4S3489
CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9701

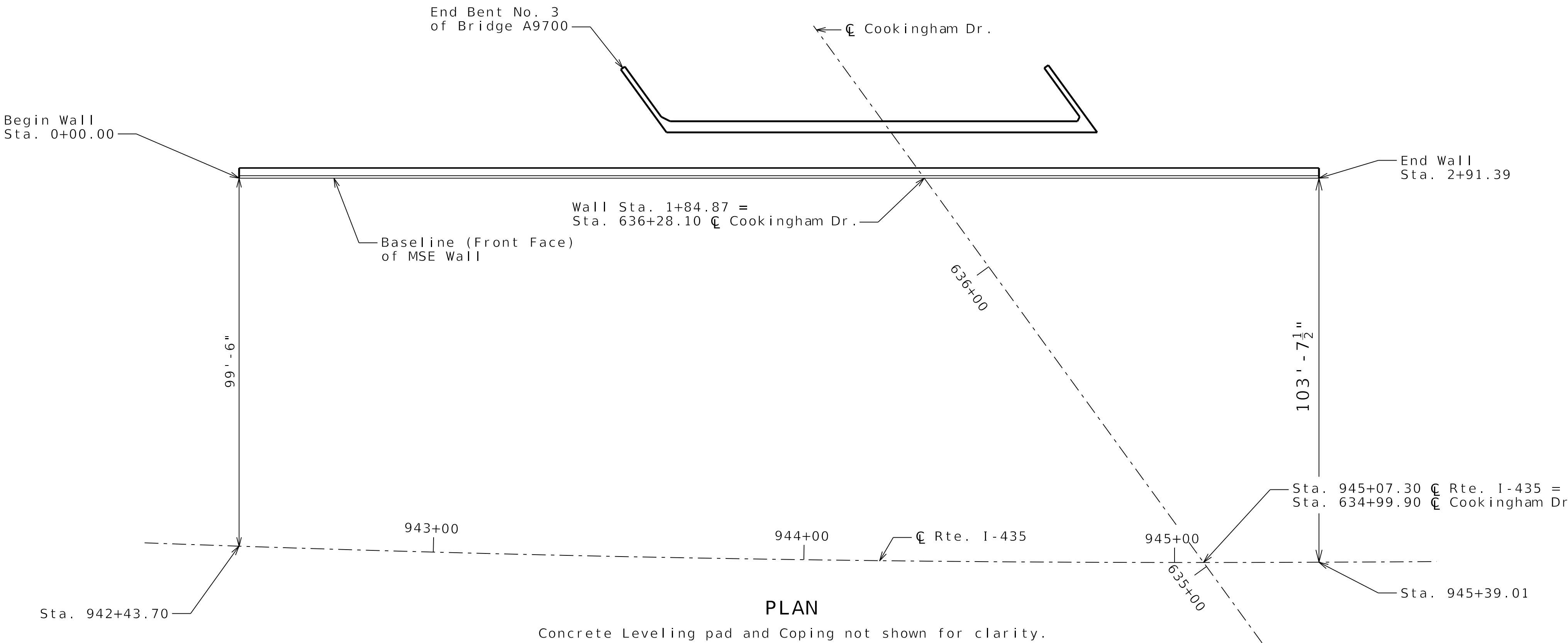
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

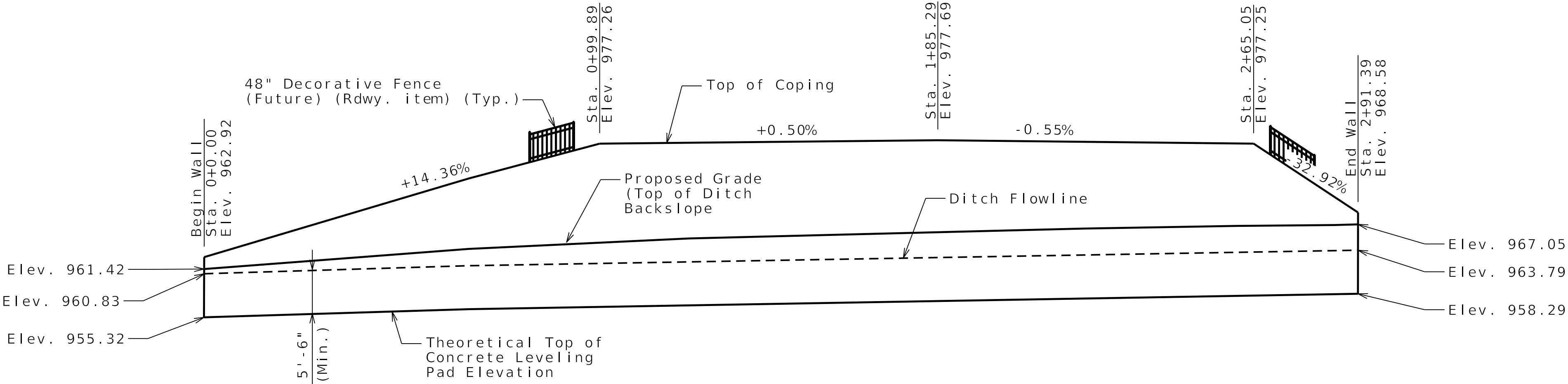


olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

291' MECHANICALLY STABILIZED EARTH (MSE) RETAINING WALL SYSTEM



Concrete Leveling pad and Coping not shown for clarity.



Concrete Leveling pad and Coping not shown for clarity.

RETAINING WALL ALONG LEFT SIDE OF ROUTE I-435

COOKINGHAM DRIVE FROM ROUTE 169 TO ROUTE I-435
ABOUT 1.1 MILES WEST OF ROUTE 169
TIE STATION 636+28.10

PRELIMINARY
PLANS NOT
FOR
CONSTRUCTION

DATE PREPARED
4/28/2025
ROUTE
I - 435
STATE
MO
DISTRICT
BR
SHEET NO.
1

COUNTY
PLATTE
JOB NO.
J4S3489
CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9702

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

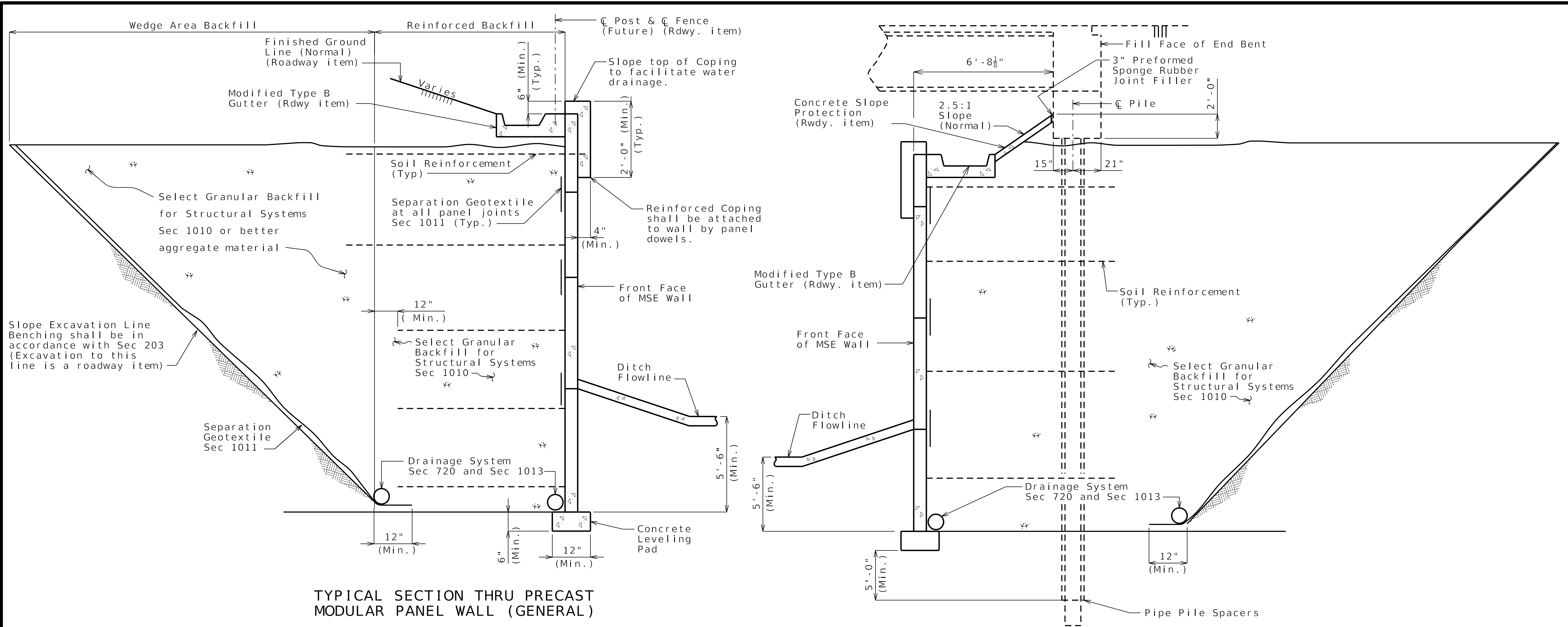
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

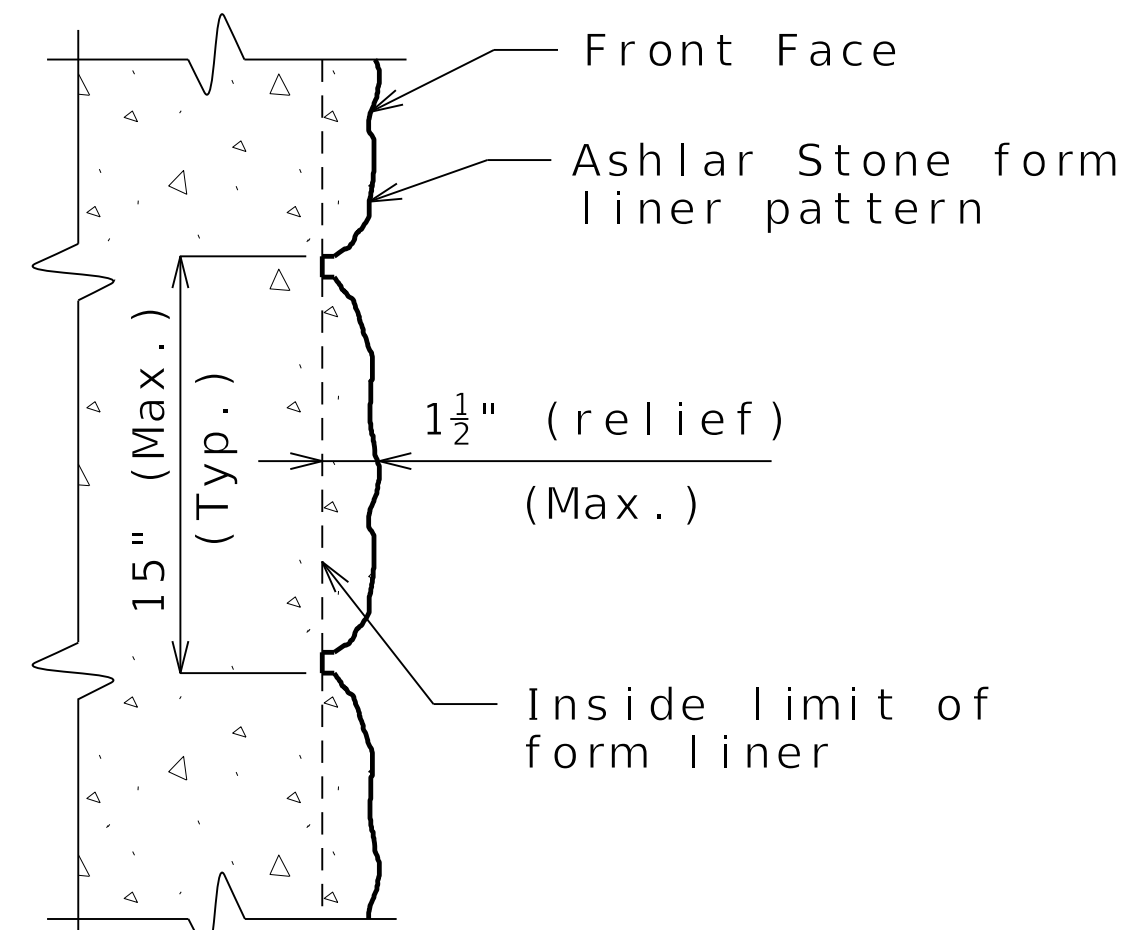
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



TYPICAL SECTION THRU PRECAST
MODULAR PANEL WALL (GENERAL)

TYPICAL SECTION THRU PRECAST
MODULAR PANEL WALL UNDER BRIDGE

Note: For additional information, see Typical Section
Thru Precast Modular Panel Wall (General).



FORM LINER DETAIL
(PRECAST MODULAR PANEL WALL)

DETAILS FOR GENERIC MSE WALL

PRELIMINARY
PLANS NOT
FOR
CONSTRUCTION

DATE PREPARED 4/28/2025	
ROUTE I - 435	STATE MO
DISTRICT BR	SHEET NO. 2
COUNTY PLATTE	
JOB NO. J4S3489	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A9702	

DESCRIPTION	DATE

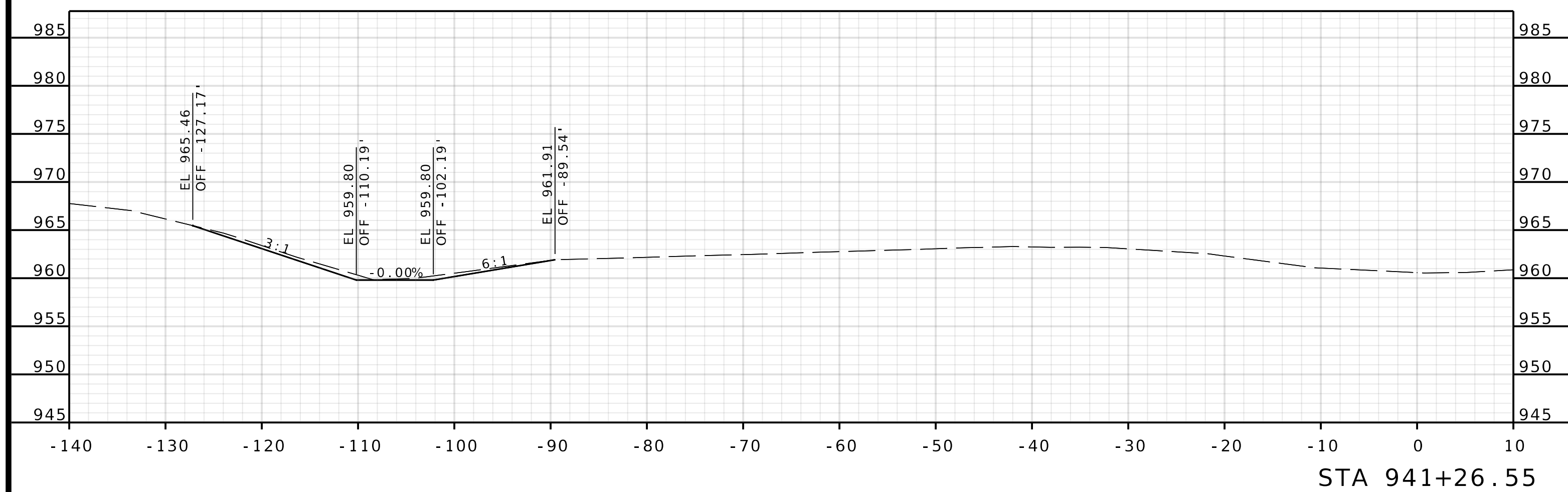
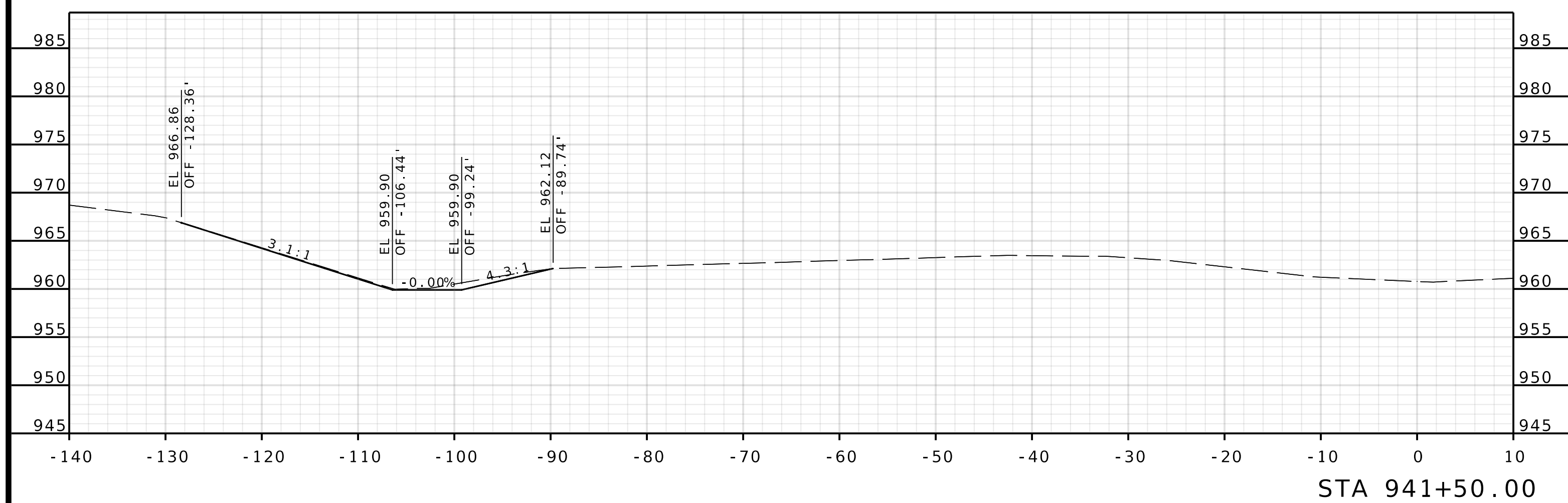
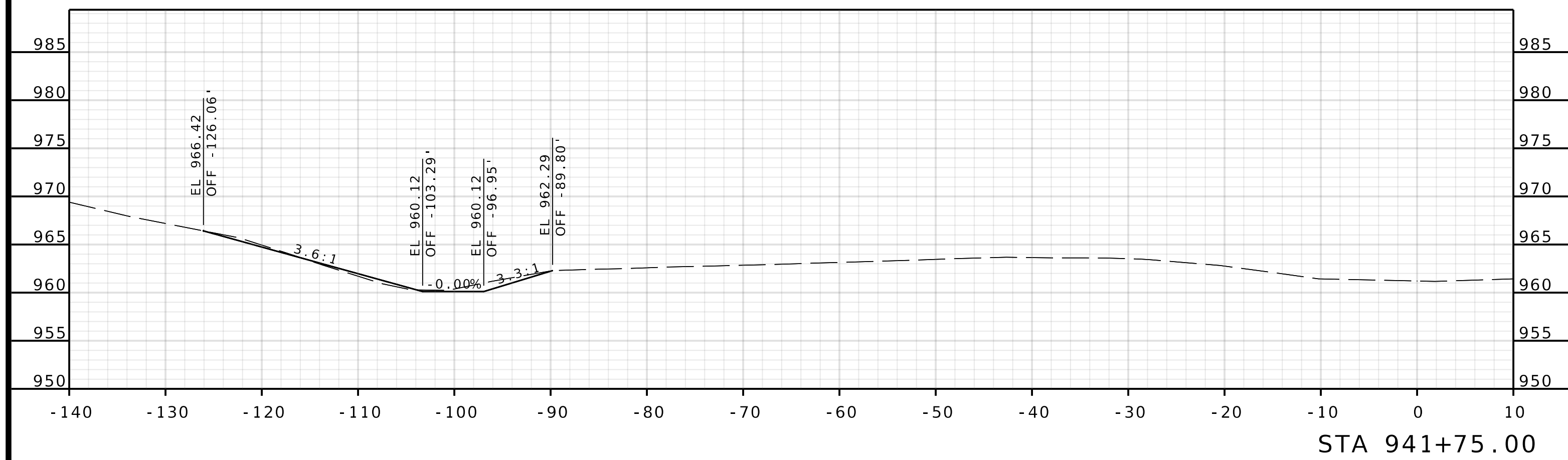
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

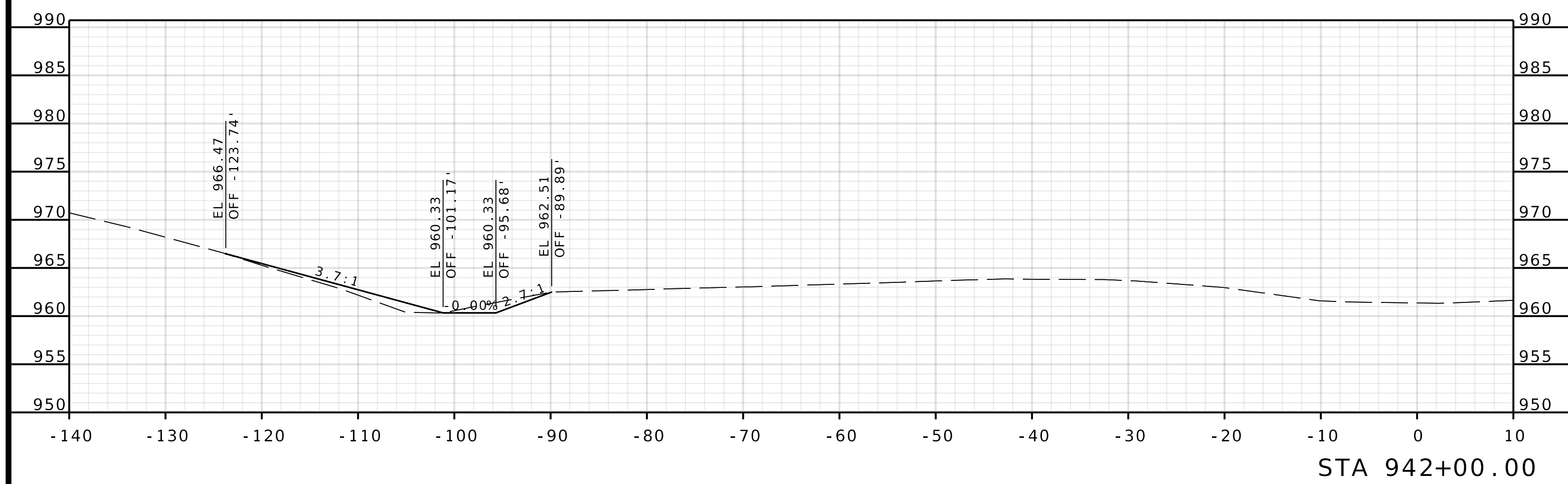
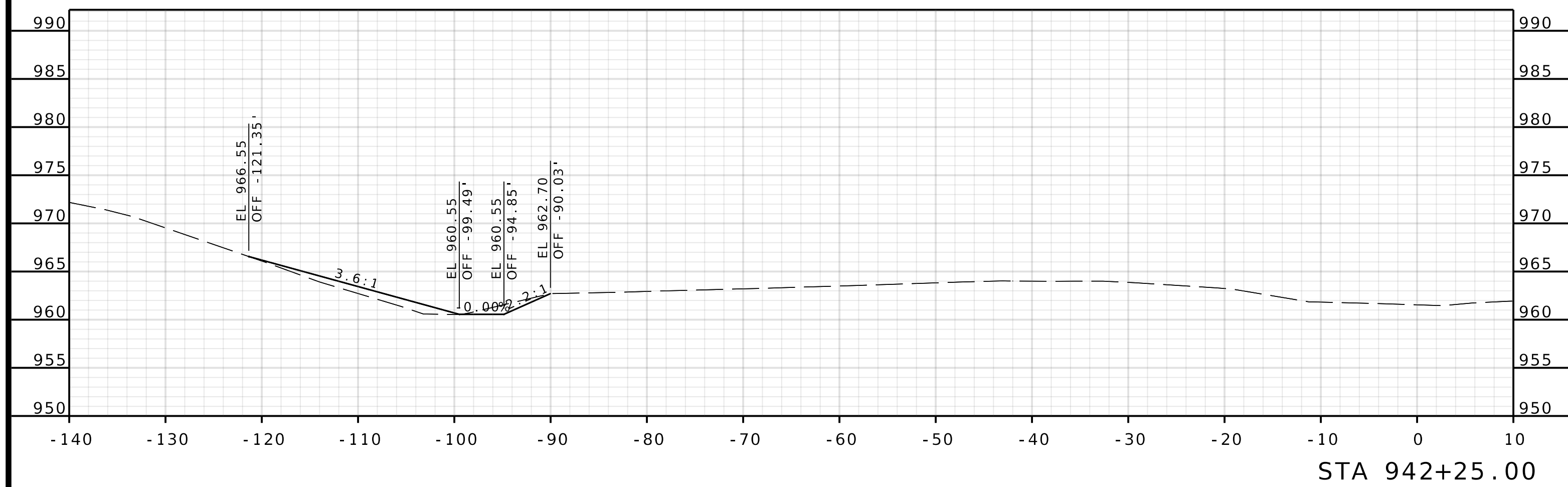
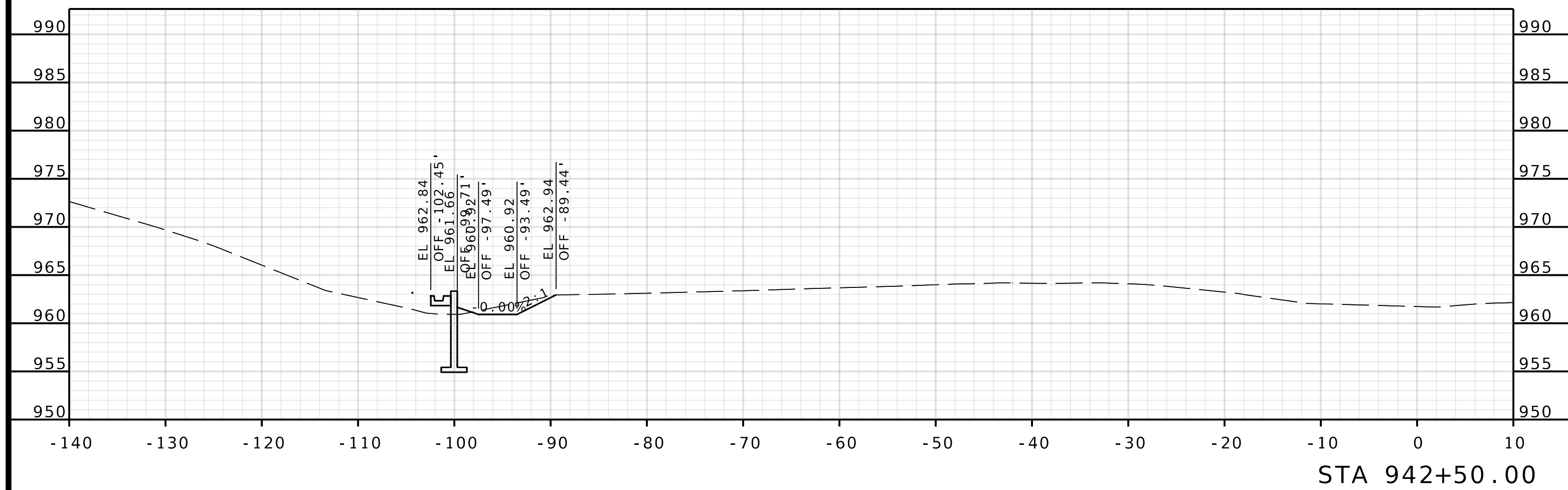
olsson

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592



ROUTE I - 435
WBL

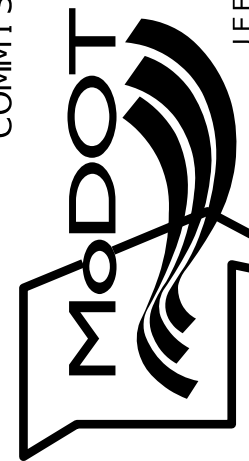
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ROUTE I - 435
WBL

[illegible]DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

DATE PREPARED
4/30/202

ROUTE
I 435STATE
MODISTRICT
KC

2

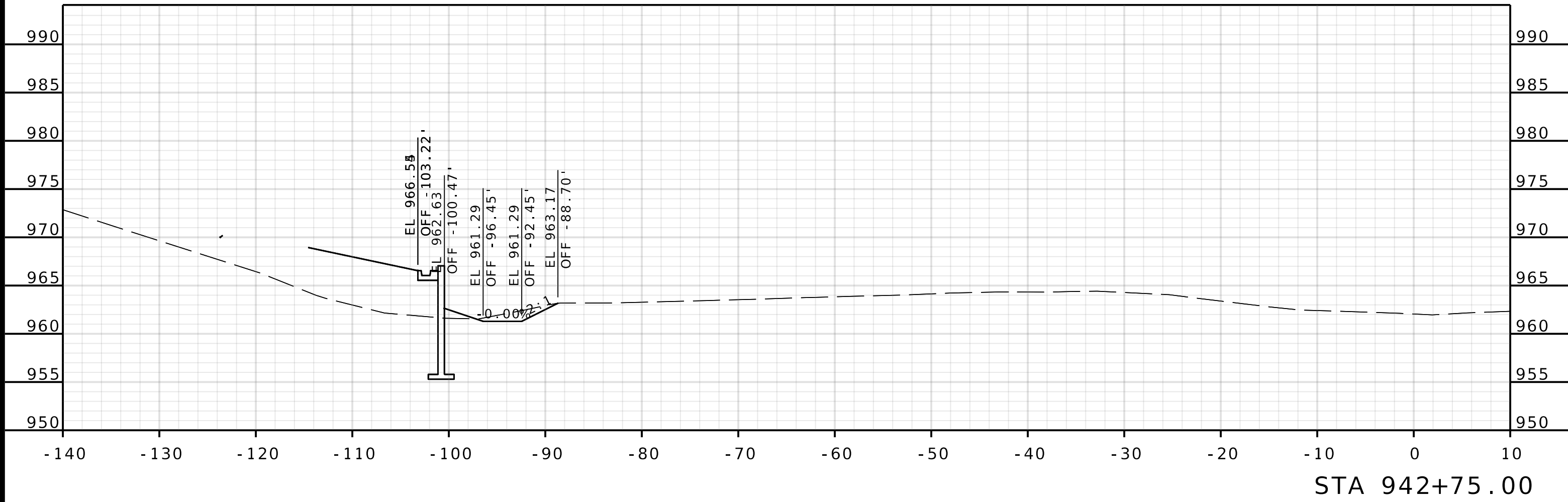
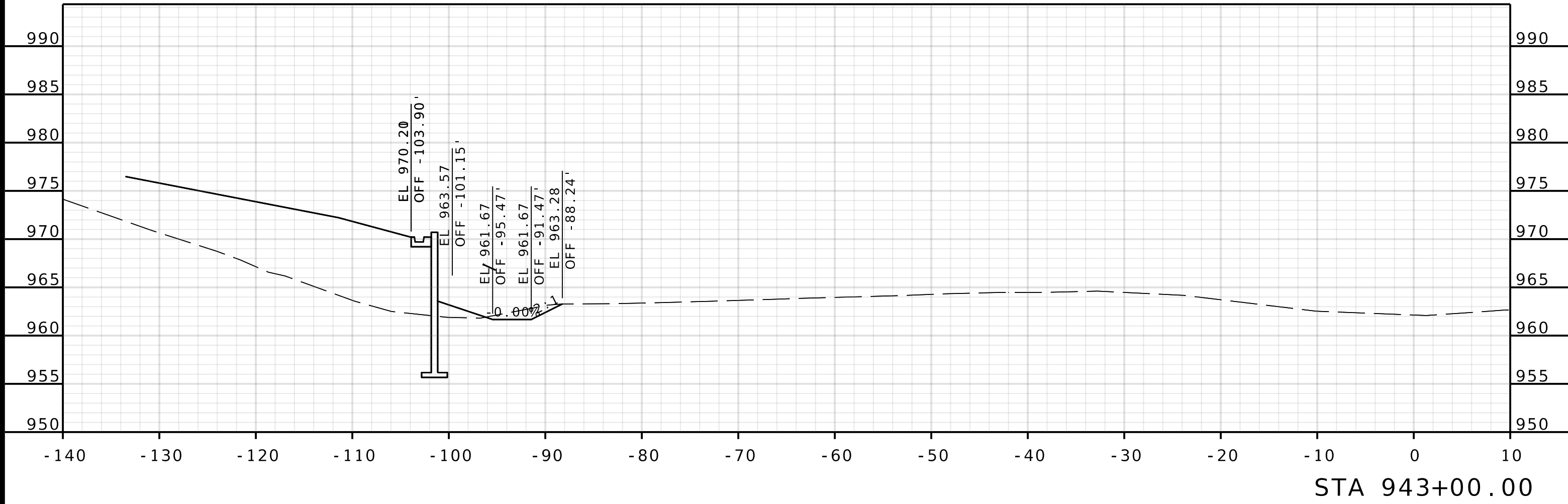
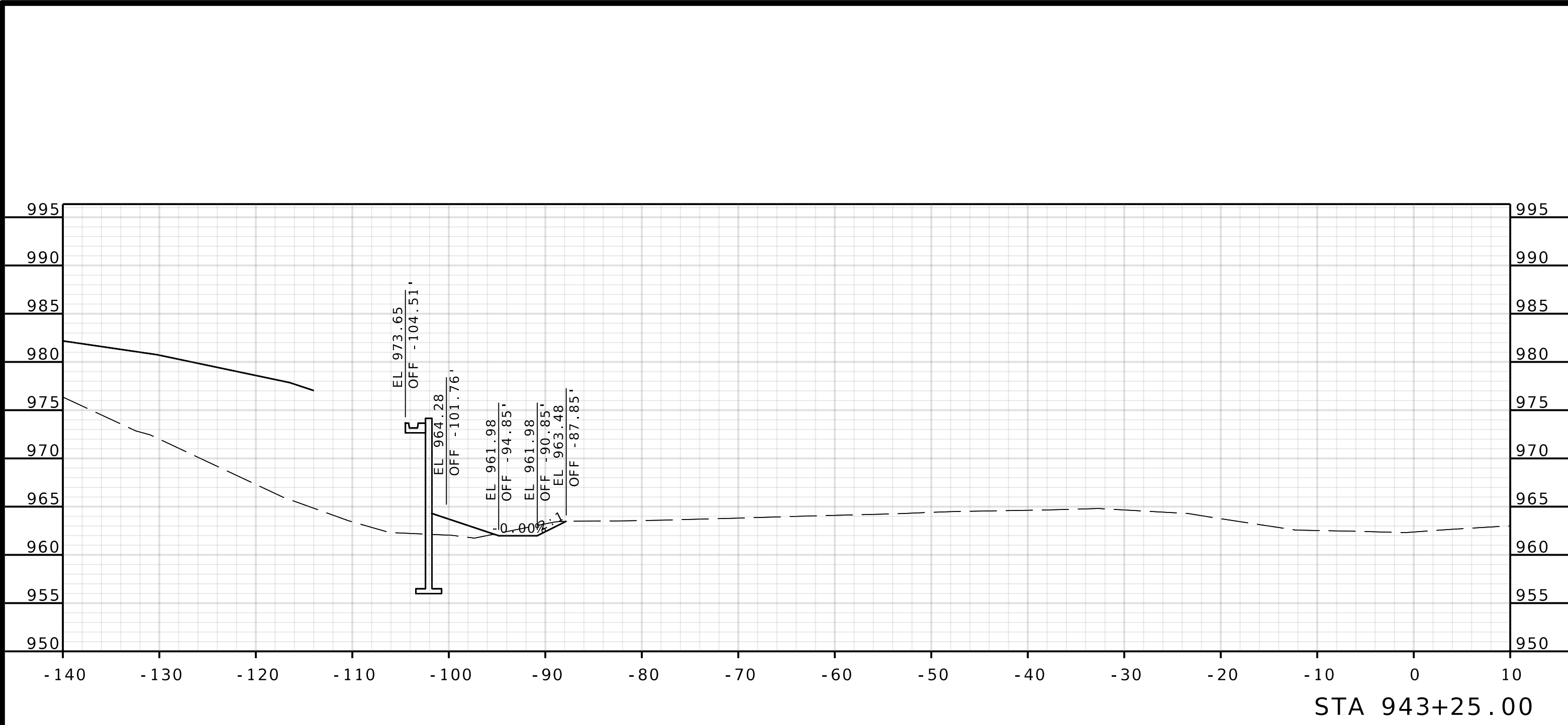
COUNTY
PLATTE

JOB NO.
J4S3489

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9700[illegible]



ROUTE I - 435
WBL

DATE PREPARED
4/30/2025

ROUTE
1435

DISTRICT
KC

STATE
MO

SHEET NO.
3

COUNTY
PLATTE

JOB NO.
J4S3489

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9700

DESCRIPTION

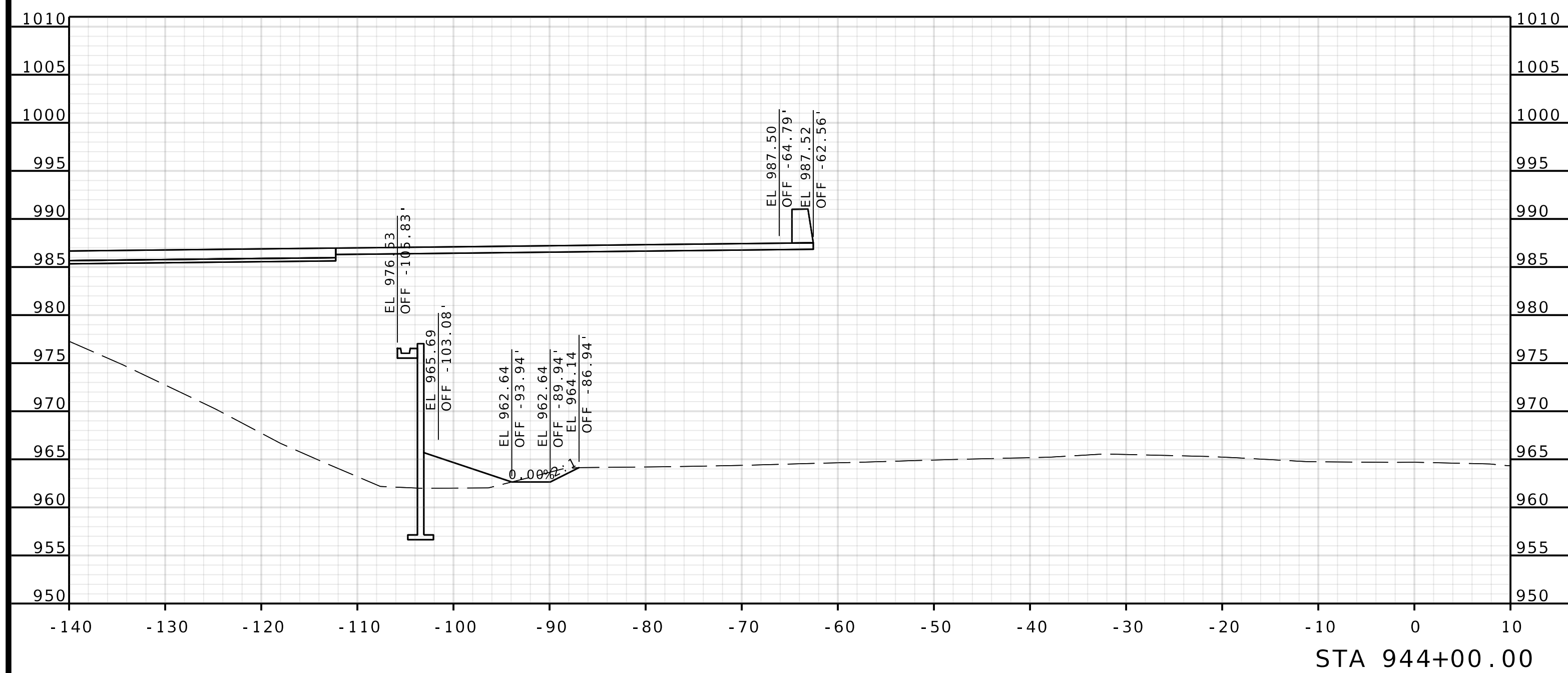
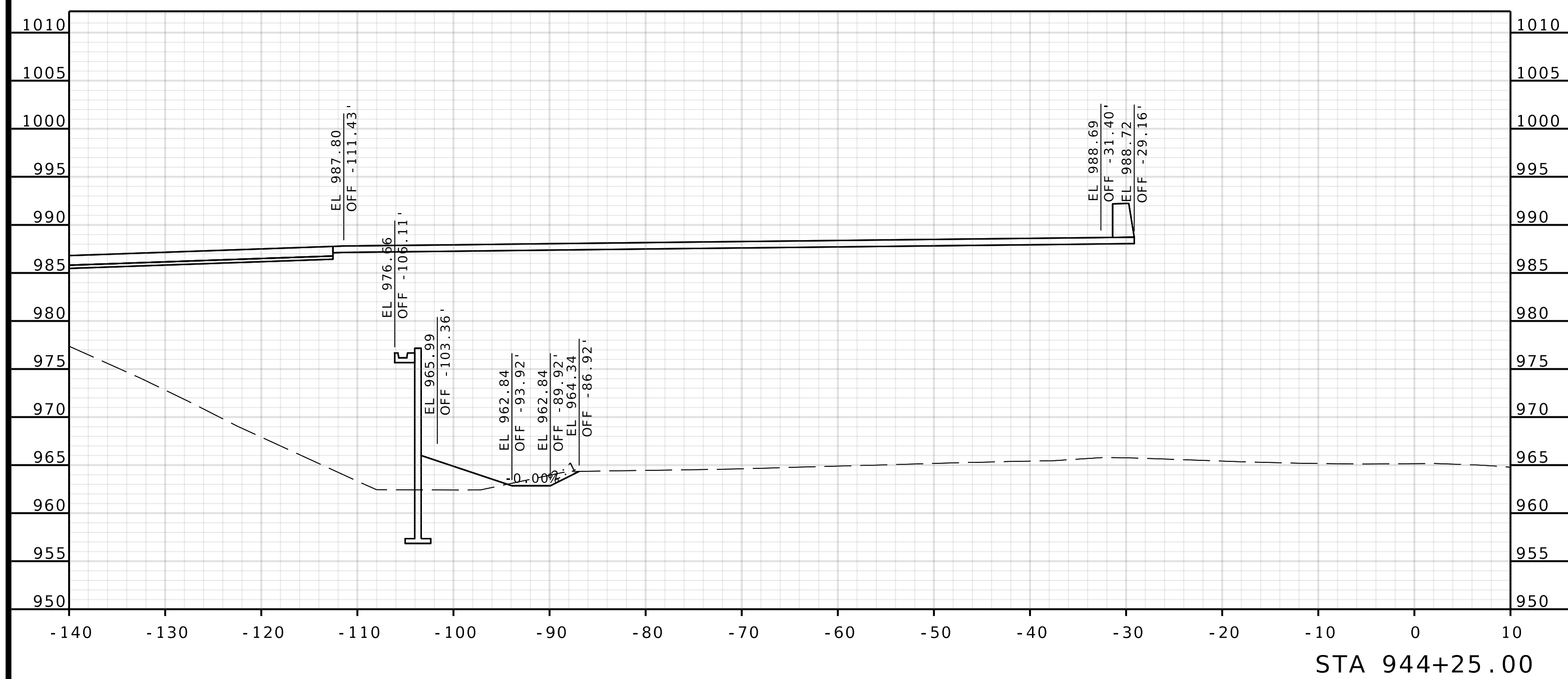
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

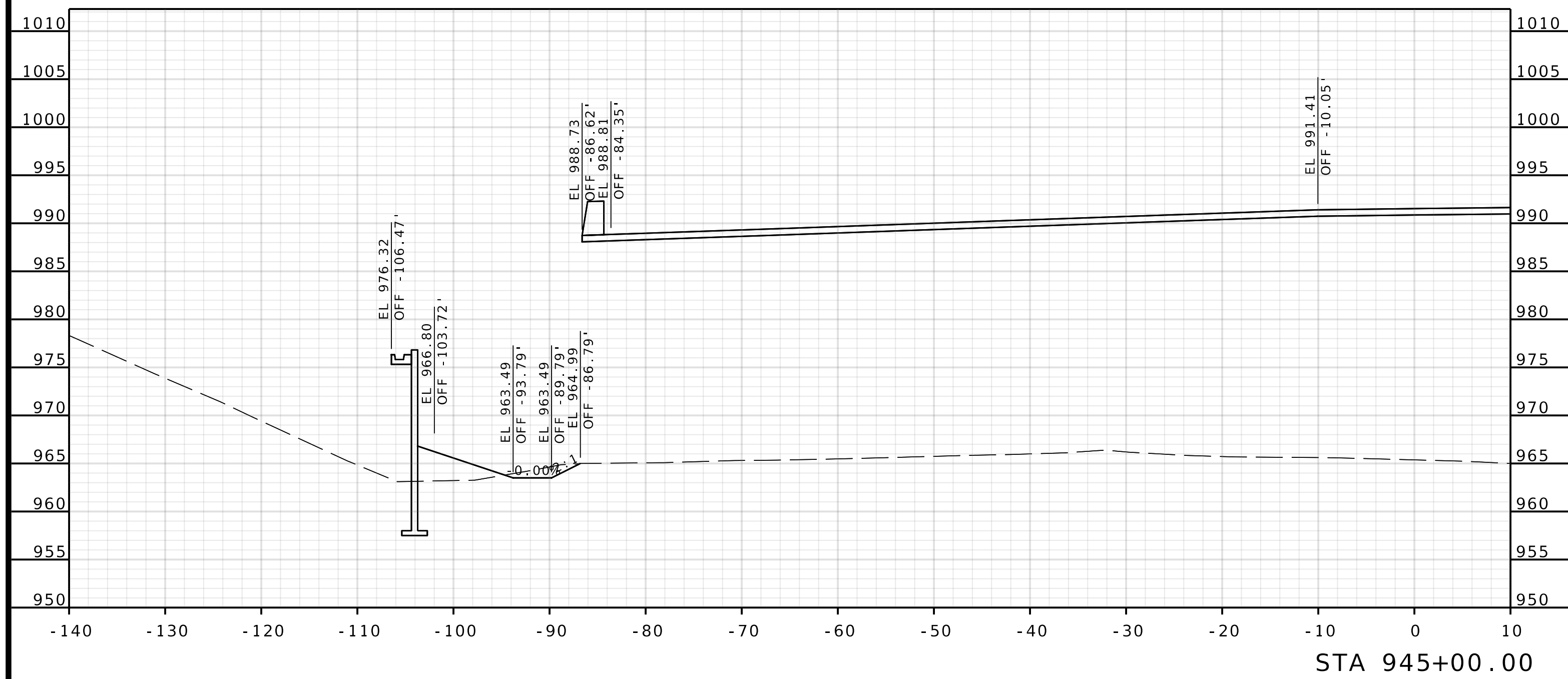
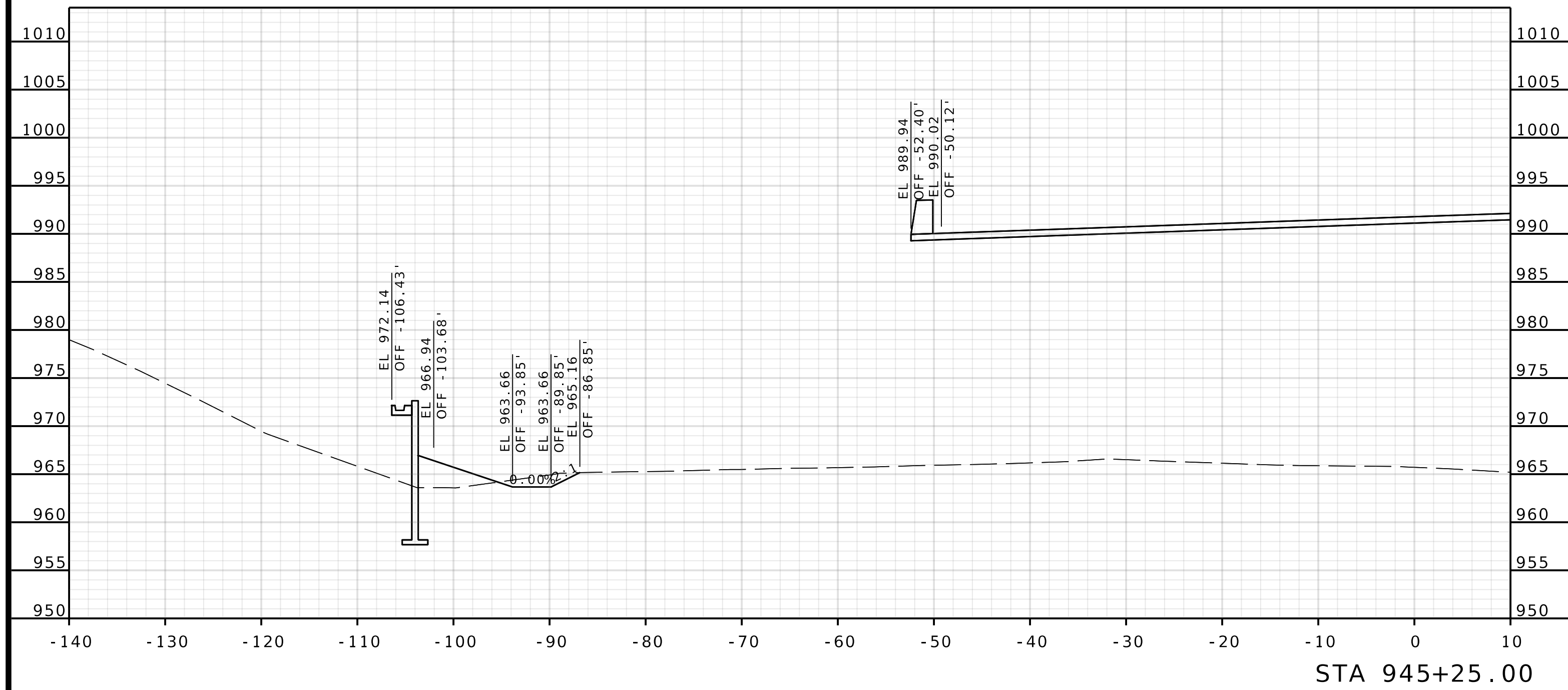
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED 4/30/2025					
ROUTE I435			STATE MO		
DISTRICT KC			SHEET NO. 5		
COUNTY PLATTE					
JOB NO. J453489					
CONTRACT ID.					
PROJECT NO.					
BRIDGE NO. A9700					
DESCRIPTION					
DATE					
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION					
					
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)					
Olsson					
1301 BURLINGTON STREET, STE. 100 NORTH KANSAS CITY, MO 64116 PHONE: 816.361.1177					
CERTIFICATE OF AUTHORITY NO. 001592					

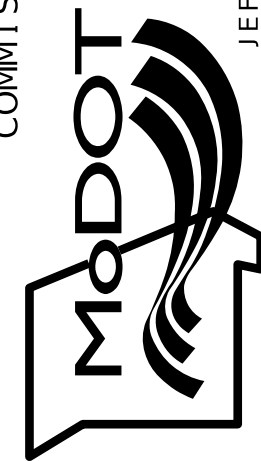


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WBL

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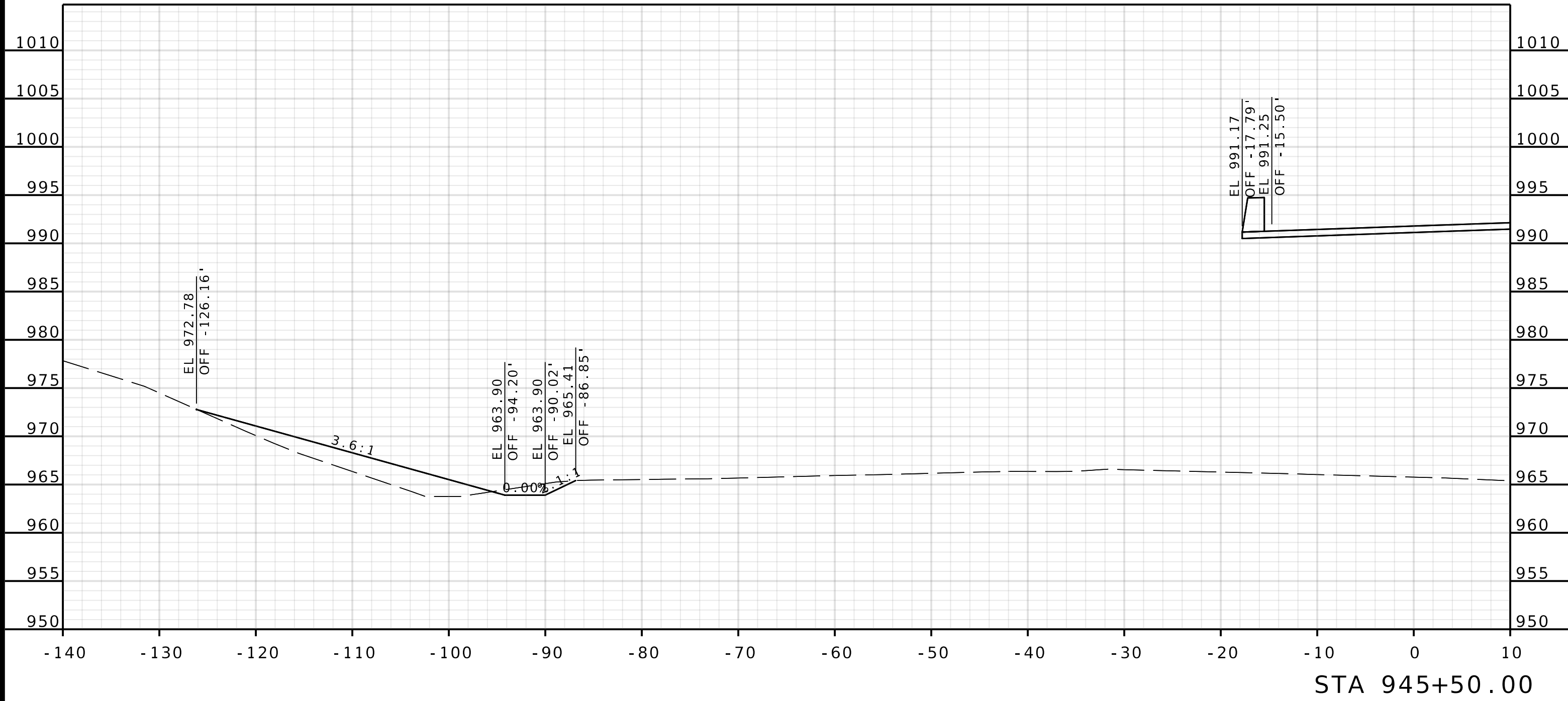
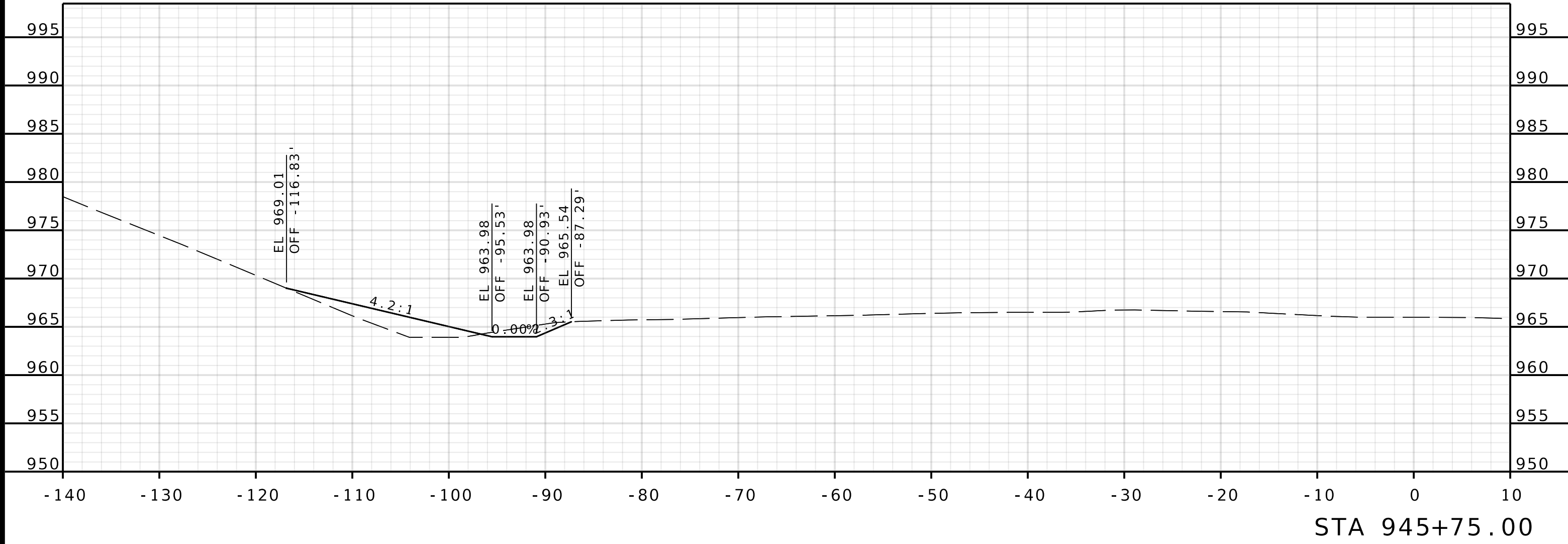
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ROUTE	STATE
I435	MO
DISTRICT	SHEET NO.
KC	7
COUNTY	
PLATTE	
JOB NO.	
J453489	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO. A9700

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

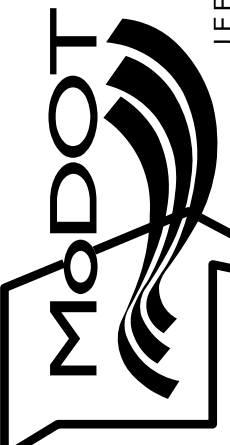
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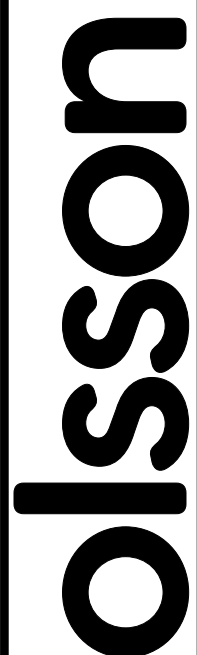
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WBL

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



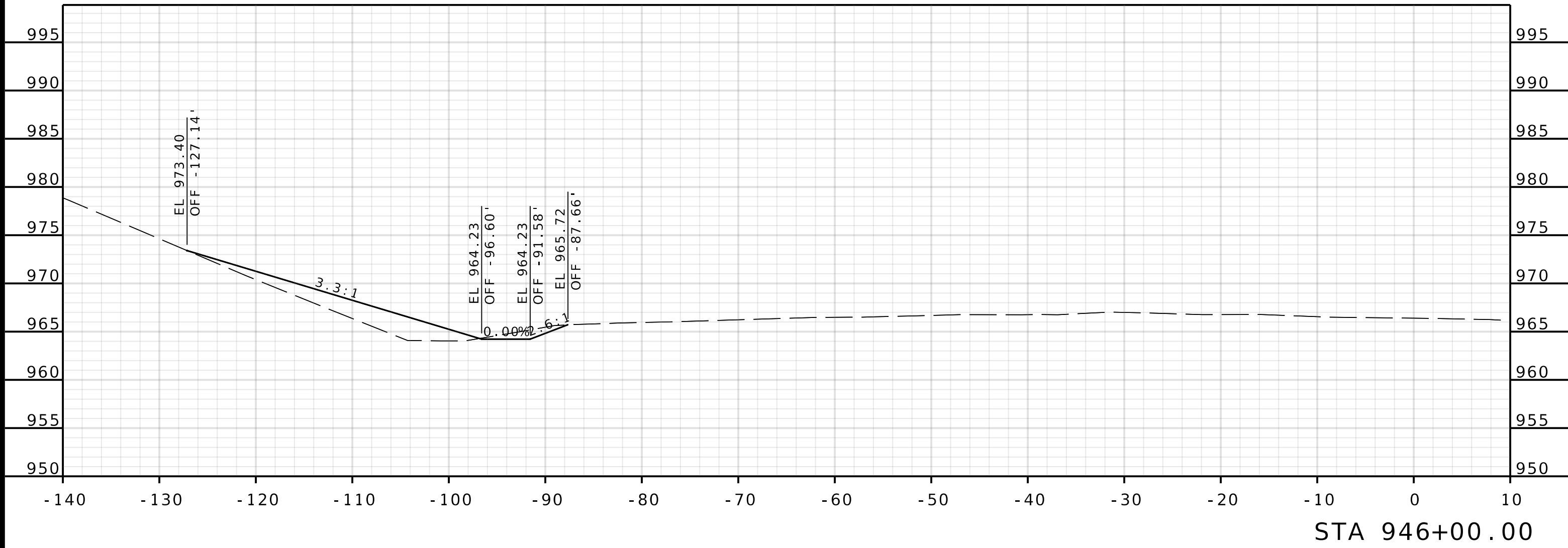
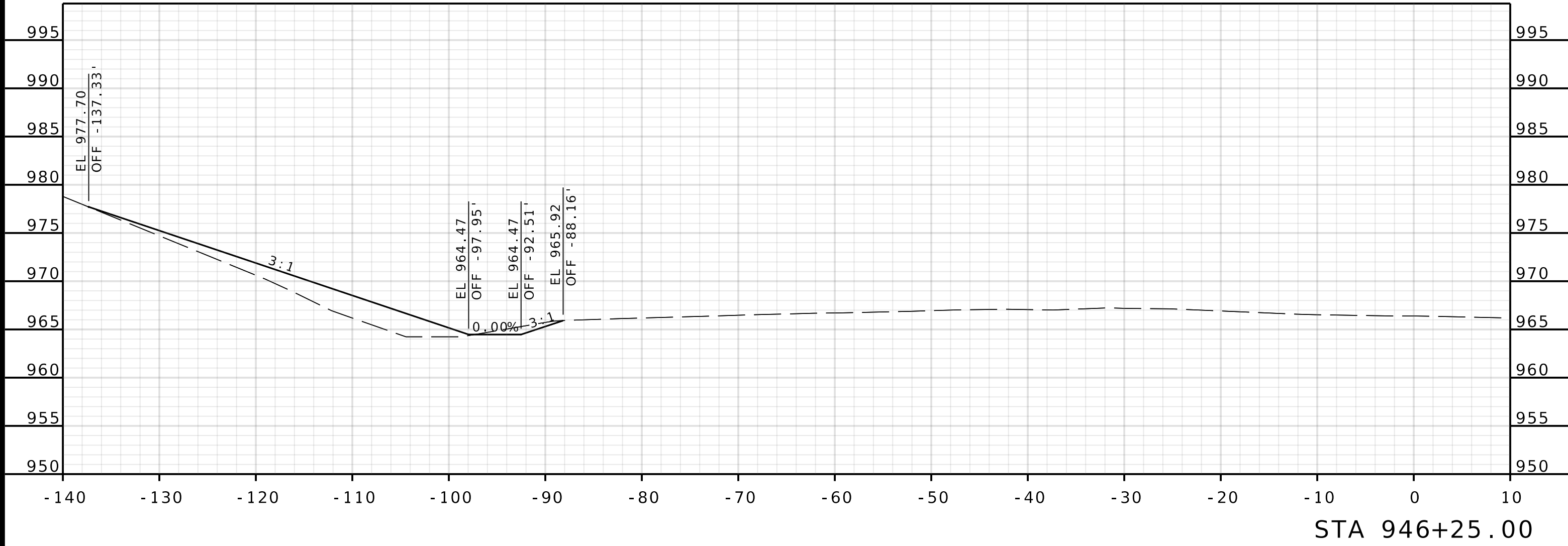
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



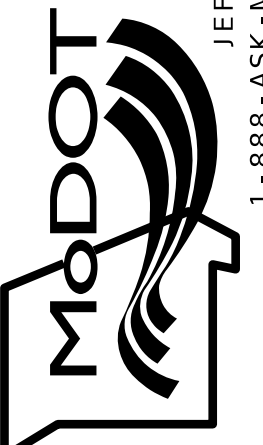
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

DATE PREPARED 4/30/2025	
ROUTE I 435	STATE MO
DISTRICT KC	SHEET NO. 8
COUNTY PLATTE	
JOB NO. J4S3489	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A9700	

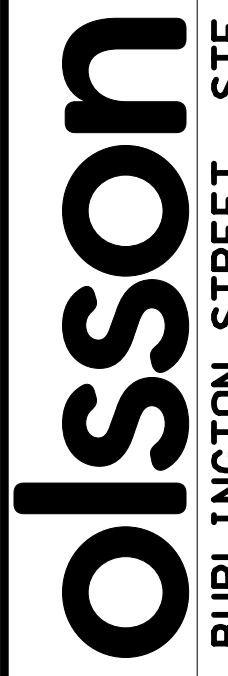
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

DATE PREPARED
4/30/2025

ROUTE I 435	STATE MO
DISTRICT KC	SHEET NO. 9

COUNTY
PLATTE

JOB NO.
J4S3489

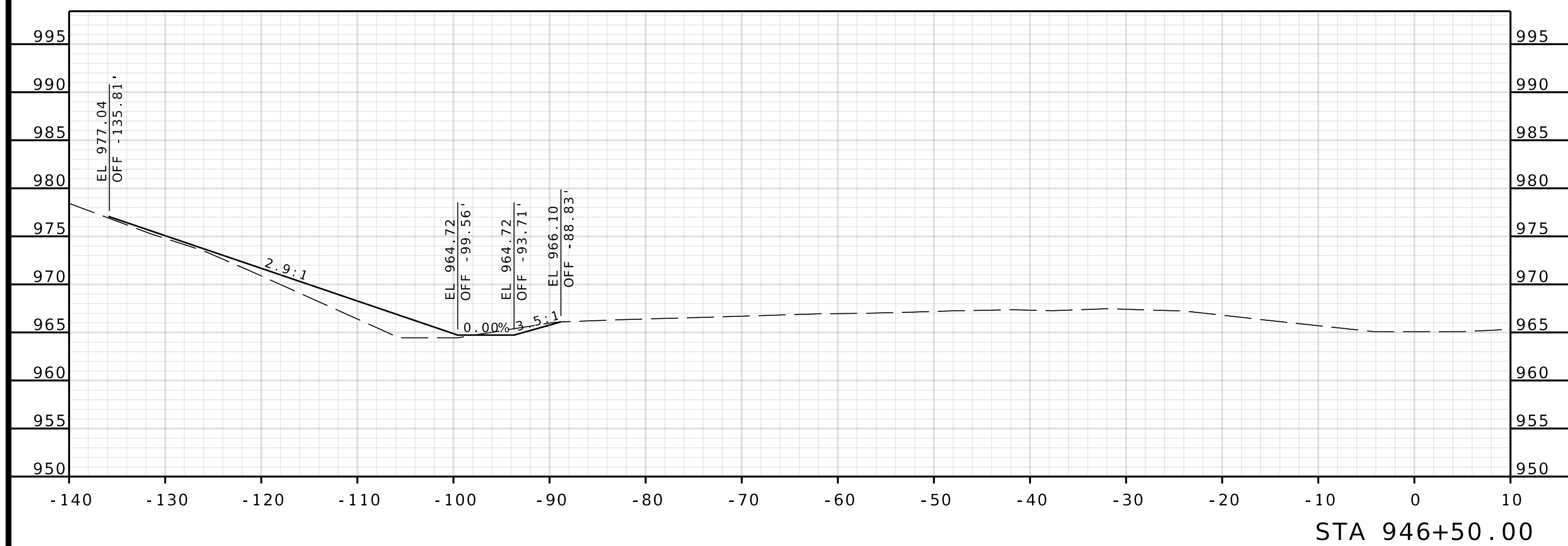
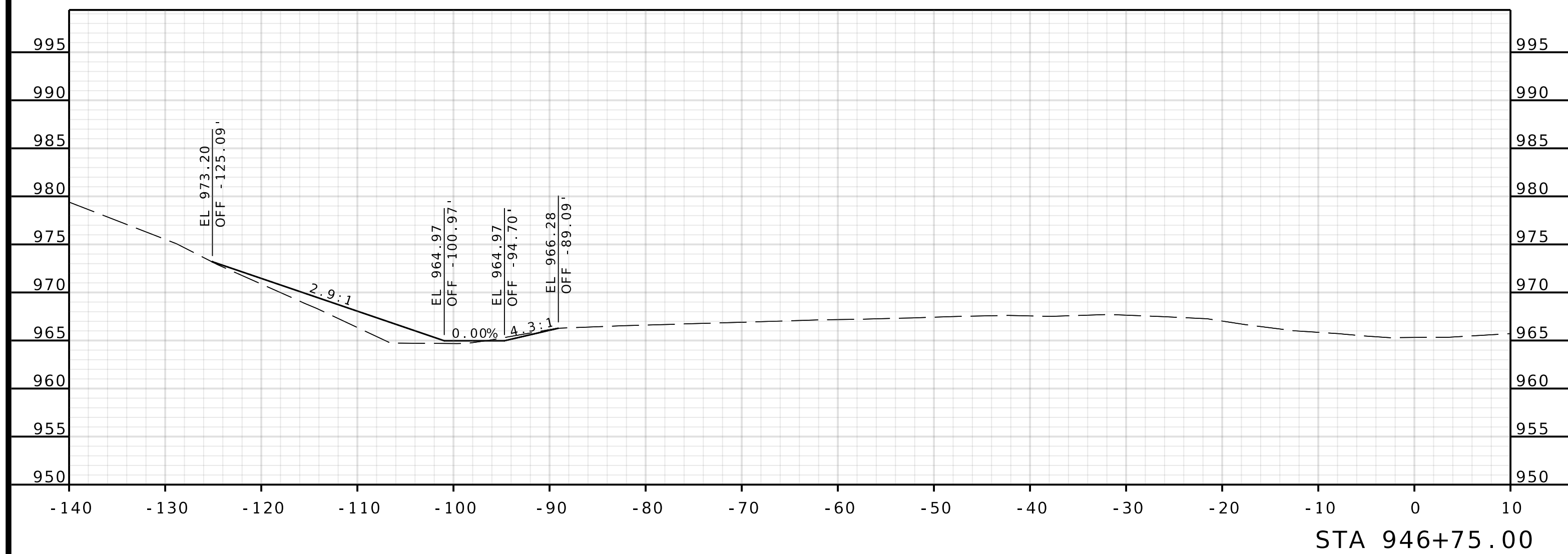
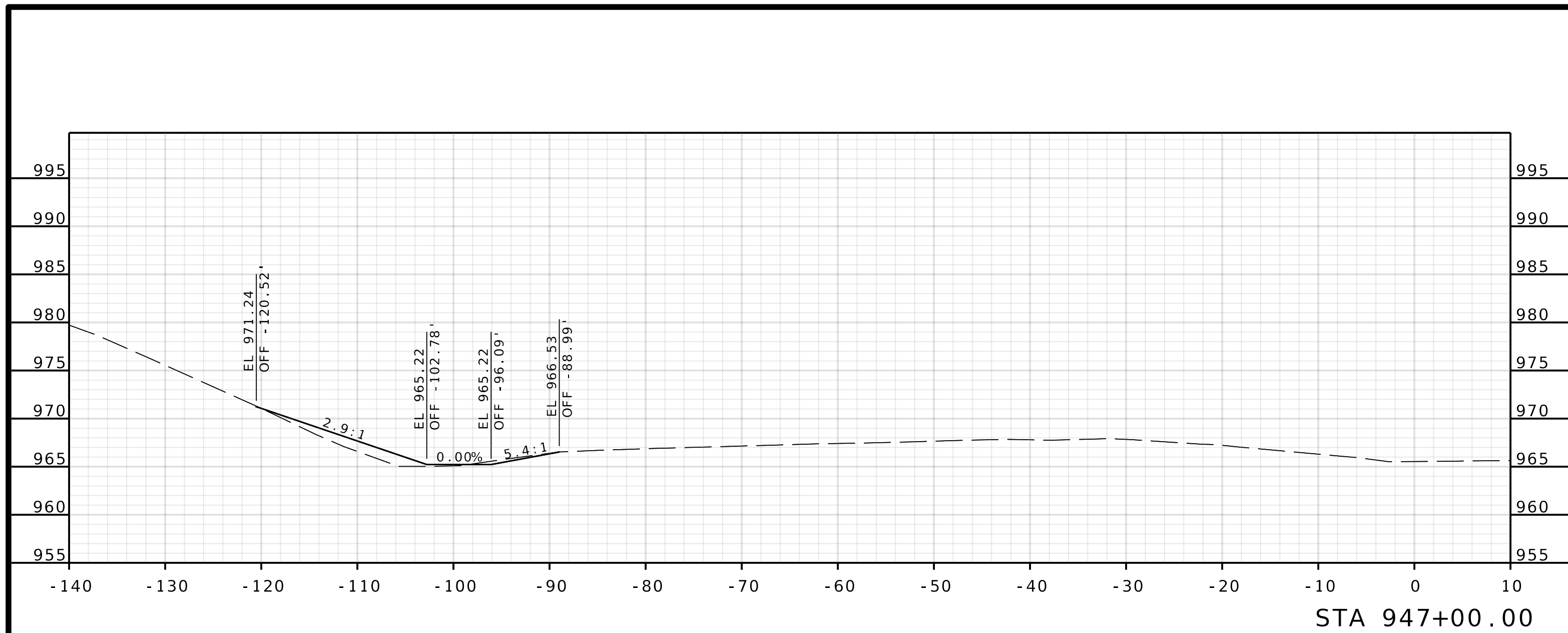
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PROJECT NO.

BRIDGE NO.
A9700

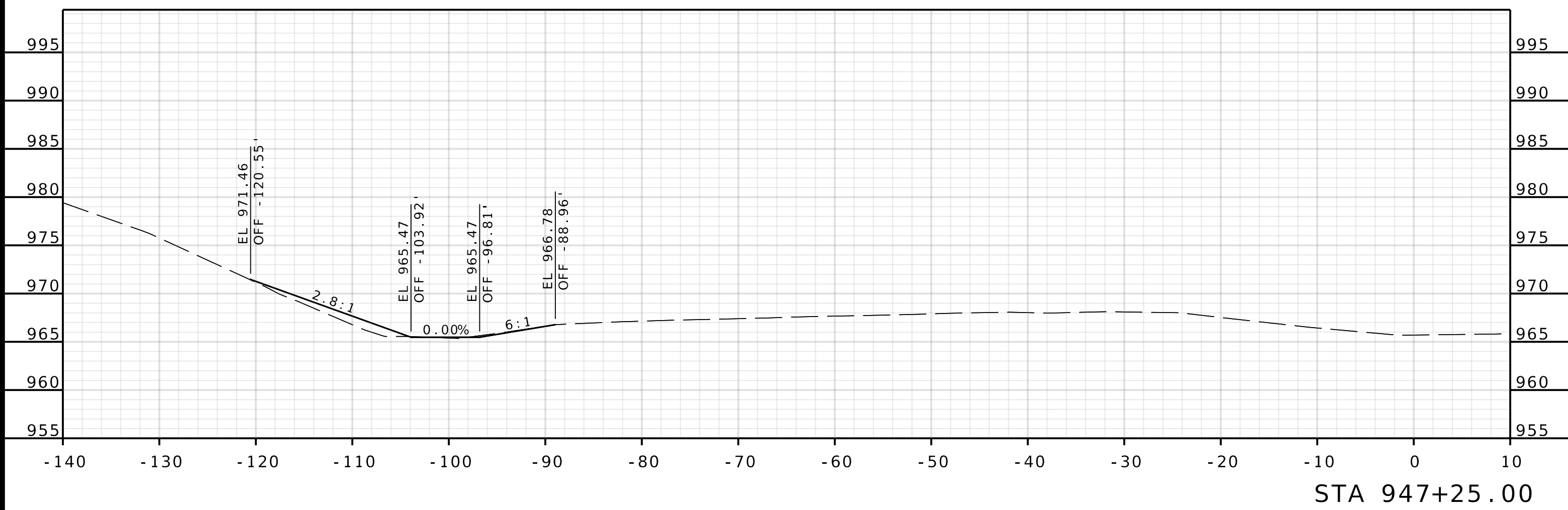
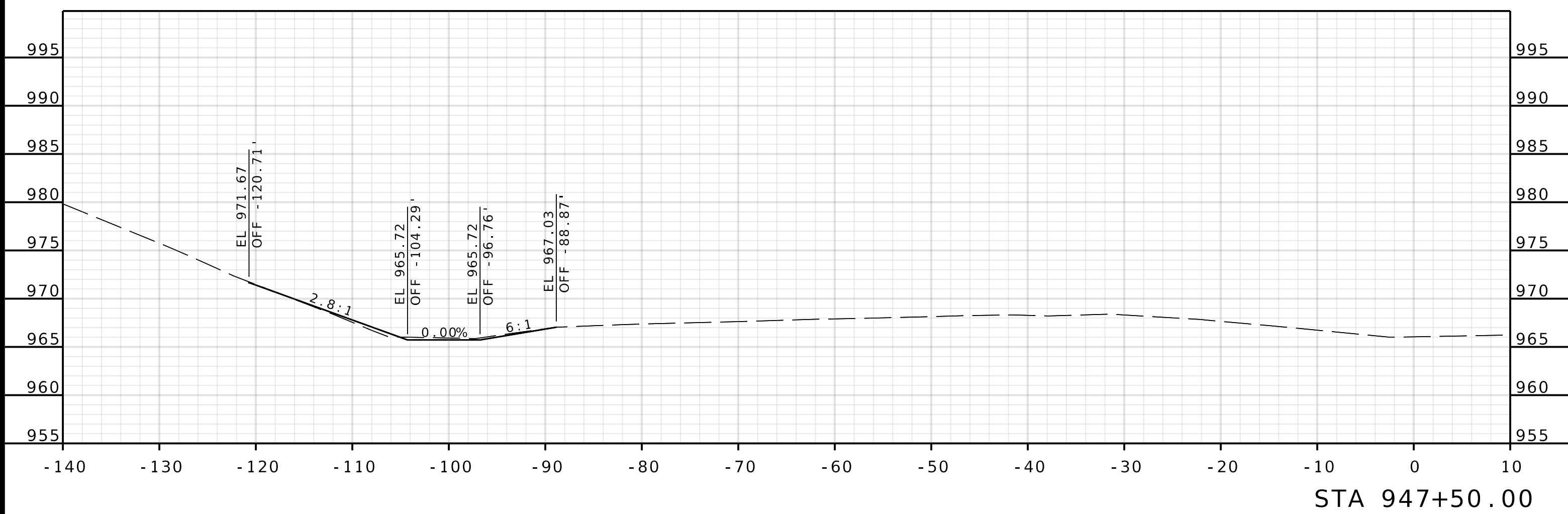
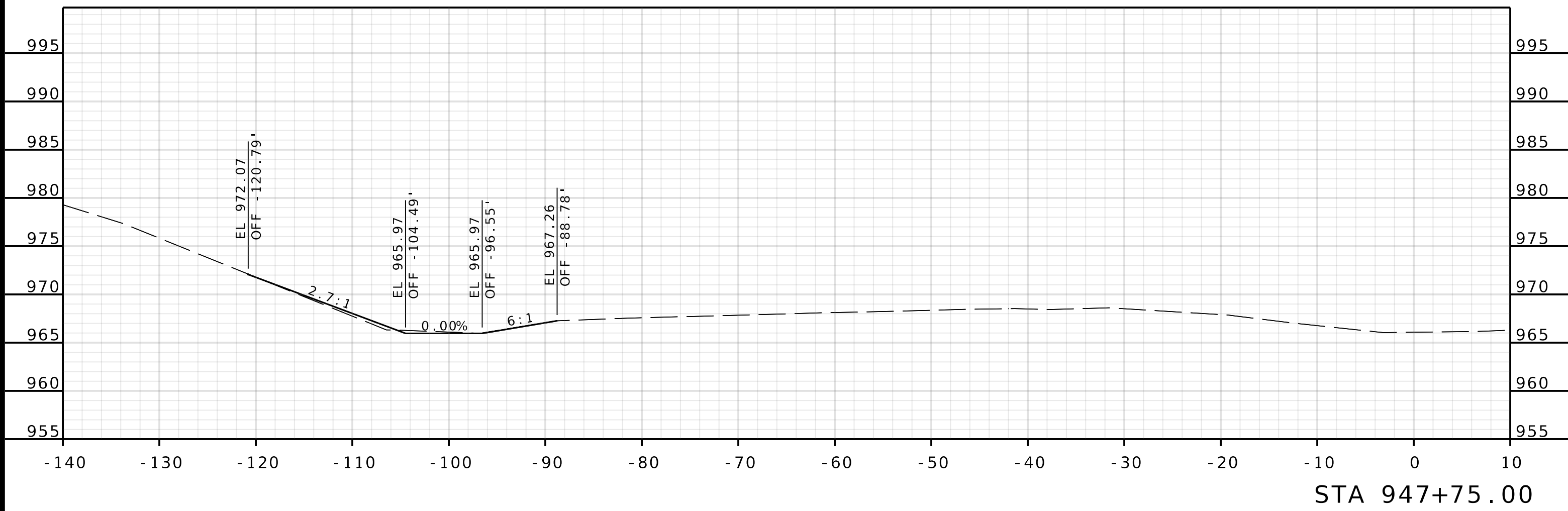
DESCRIPTION	DATE

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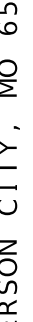


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WBL

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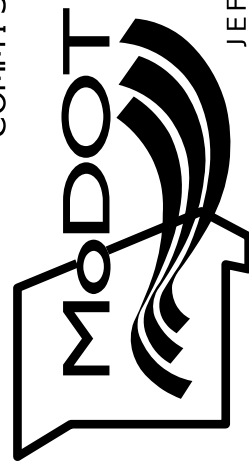


ROUTE I - 435
WBL

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

DATE PREPARED
4/30/202

ROUTE
1435

STATE
MODISTRICT
KC

SHEET NO.
11

COUNTY
PLATTE

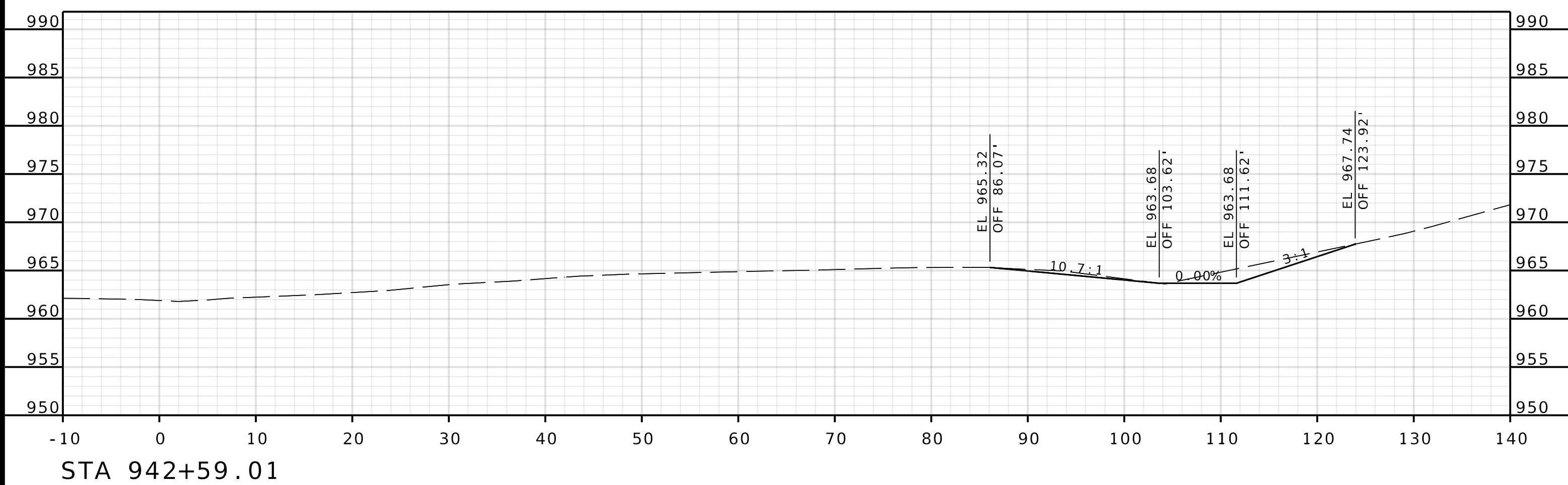
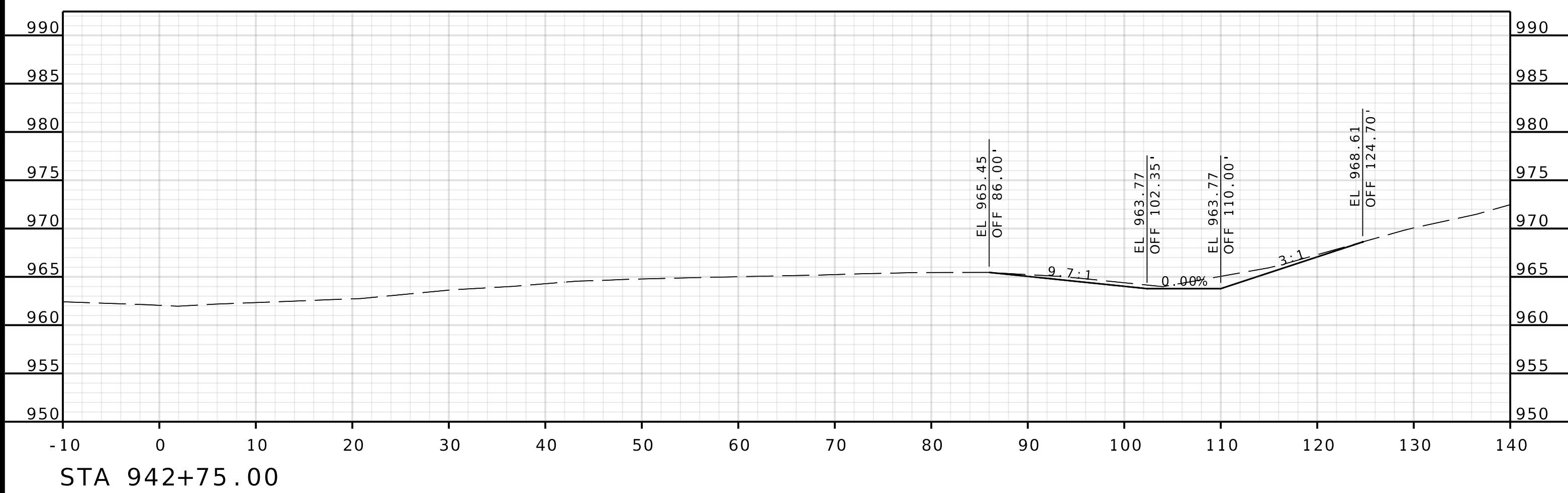
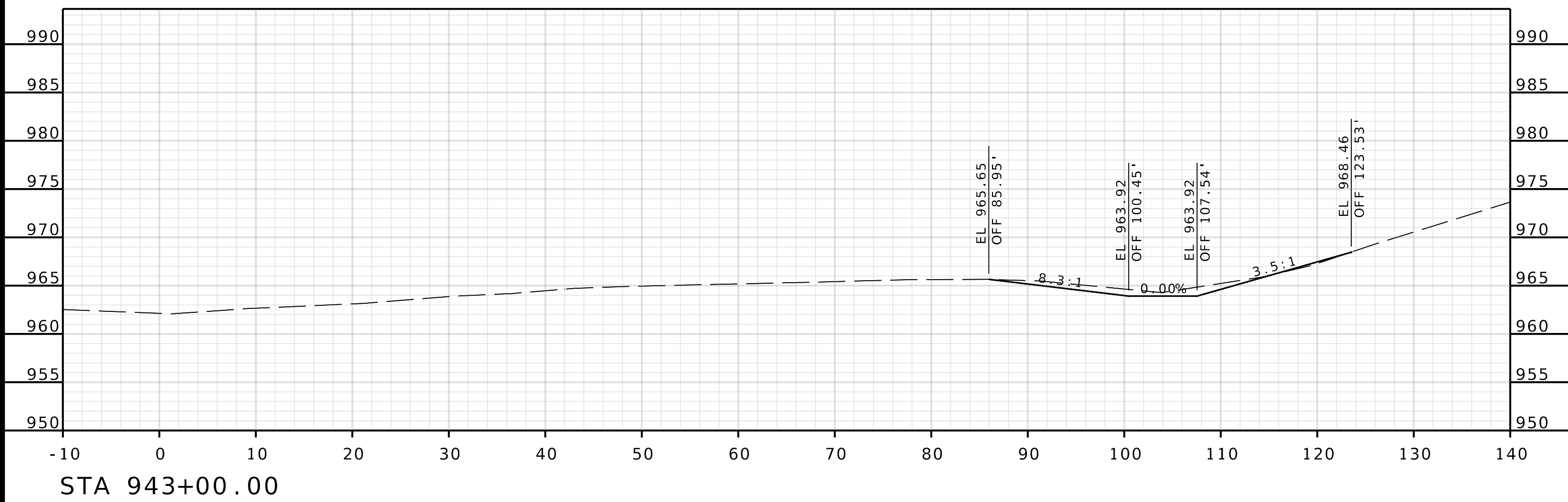
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J4S3489

CONTRACT ID

PROJECT NO.

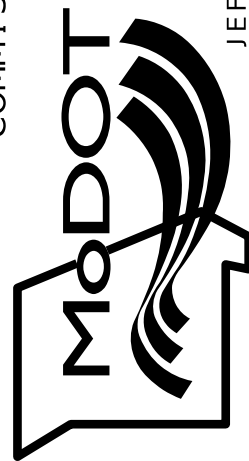
BRIDGE NO.
A9700

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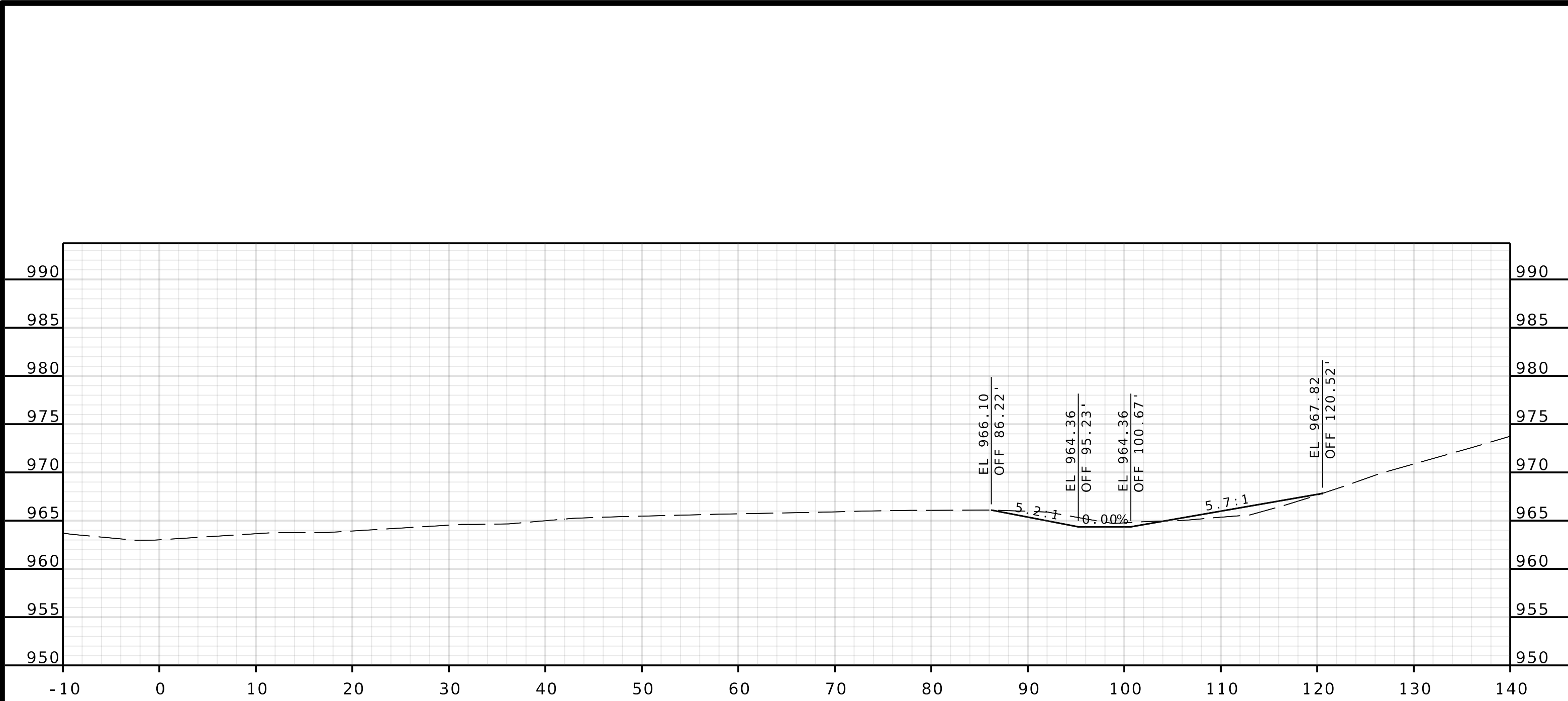
ROUTE I - 435
EBL

DATE PREPARED	
4/30/2025	
ROUTE	STATE
I 435	MO
DISTRICT	SHEET NO.
KC	13
COUNTY	
PLATTE	
JOB NO.	
J4S3489	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
A9700	

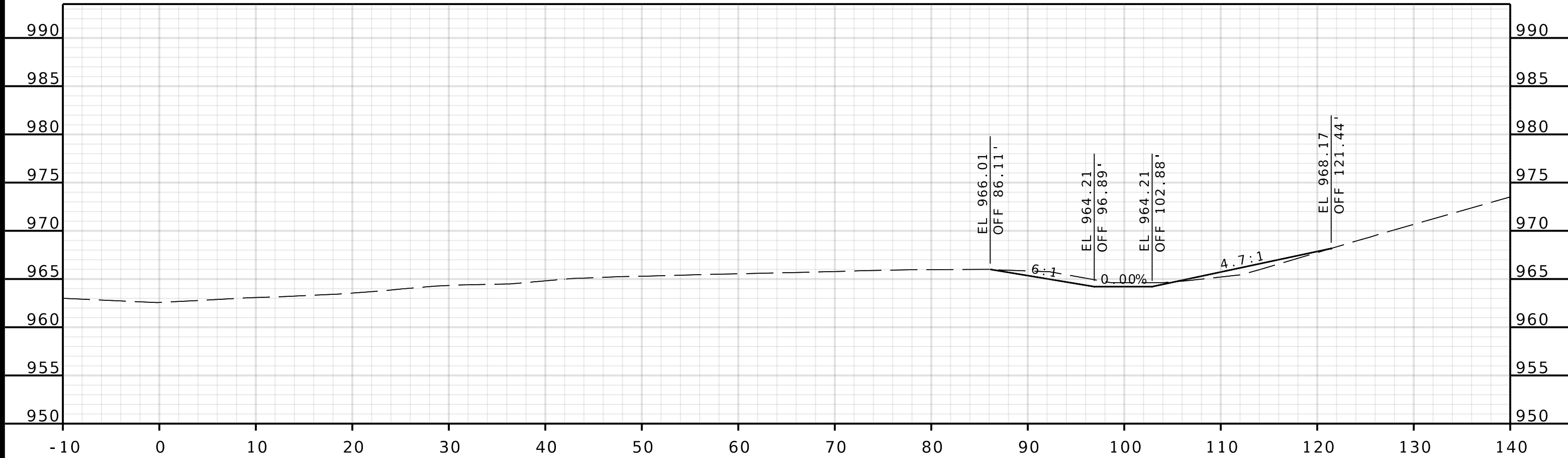
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

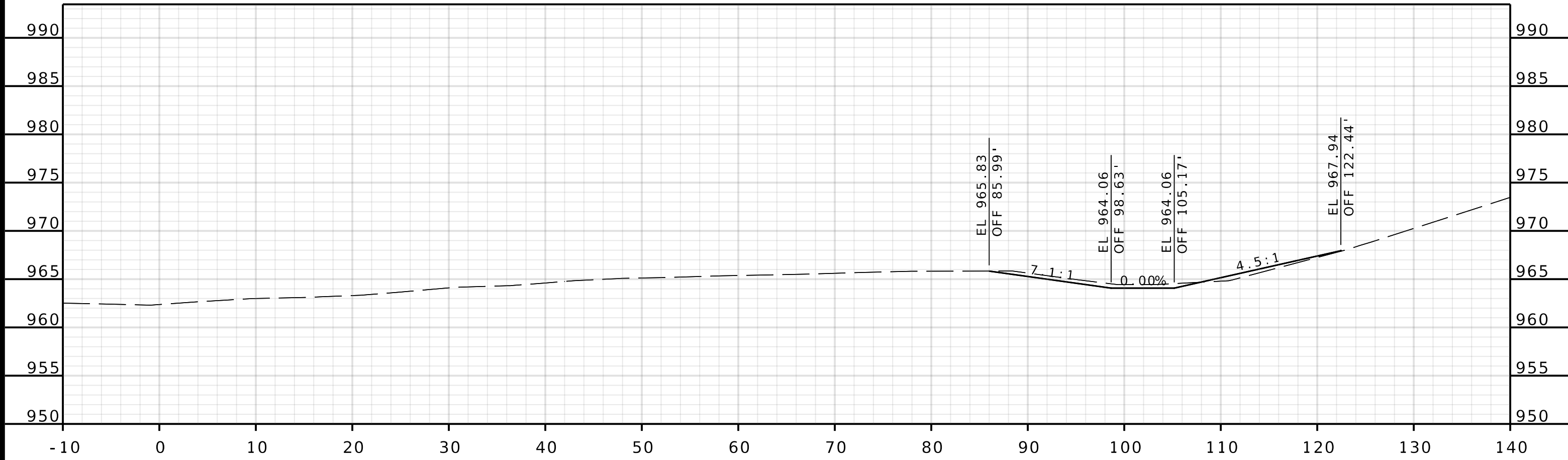
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STA 943+75.00

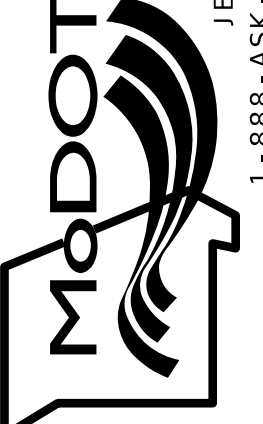


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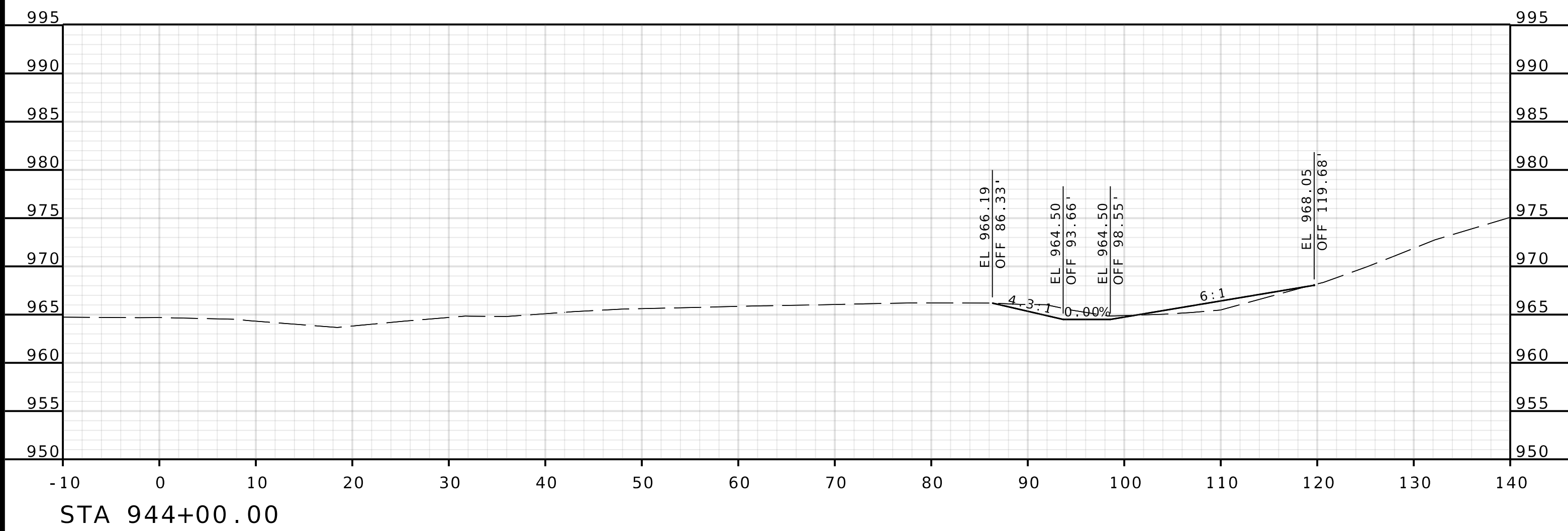
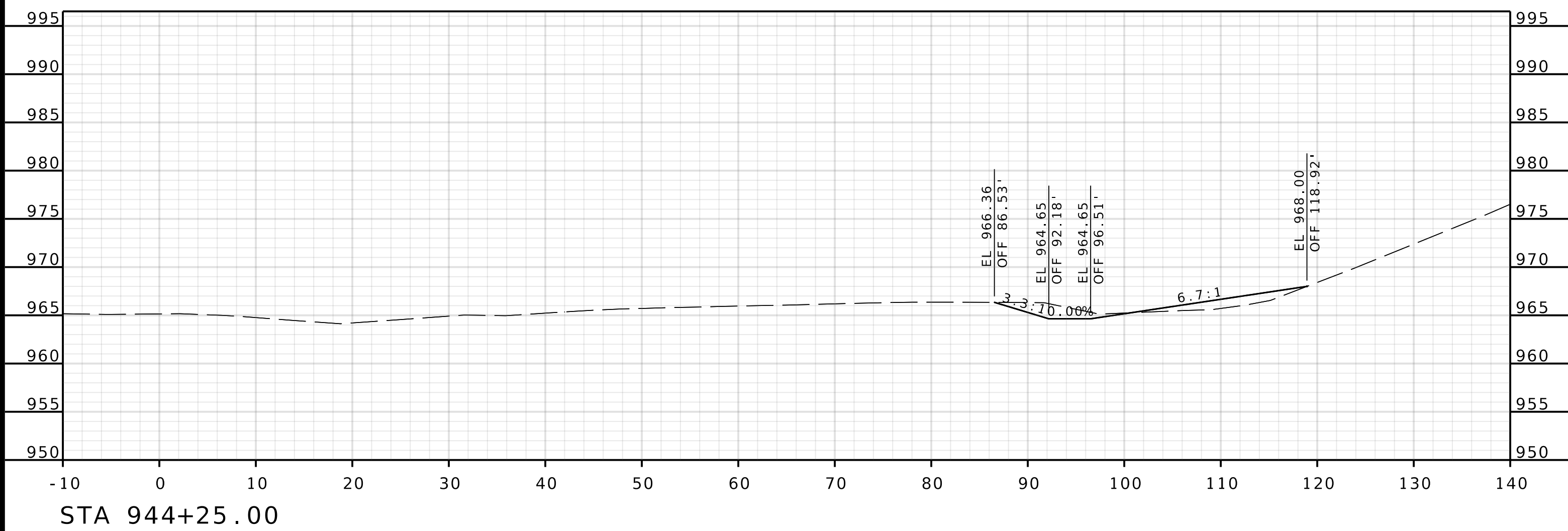


STA 943+25.00

ROUTE I - 435
EBL

DATE PREPARED 4/30/2025	
ROUTE 1435	STATE MO
DISTRICT KC	SHEET NO. 14
COUNTY PLATTE	
JOB NO. J4S3489	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A9700	
DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
	
1301 BURLINGTON STREET, STE. 100 NORTH KANSAS CITY, MO 64116 PHONE: 816.361.1177 CERTIFICATE OF AUTHORITY NO. 001592	
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	

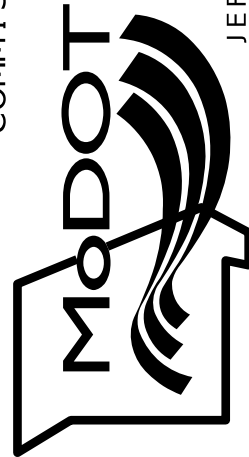
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



ROUTE I - 435
EBL

[illegible]

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 0015922

DATE PREPARED

4 / 30 / 20

ROUTE
I 435

STATE
MODISTRICT
KC

SHEET NO.
15

COUNTY

PLATTE

JOB NO.

J4S3489

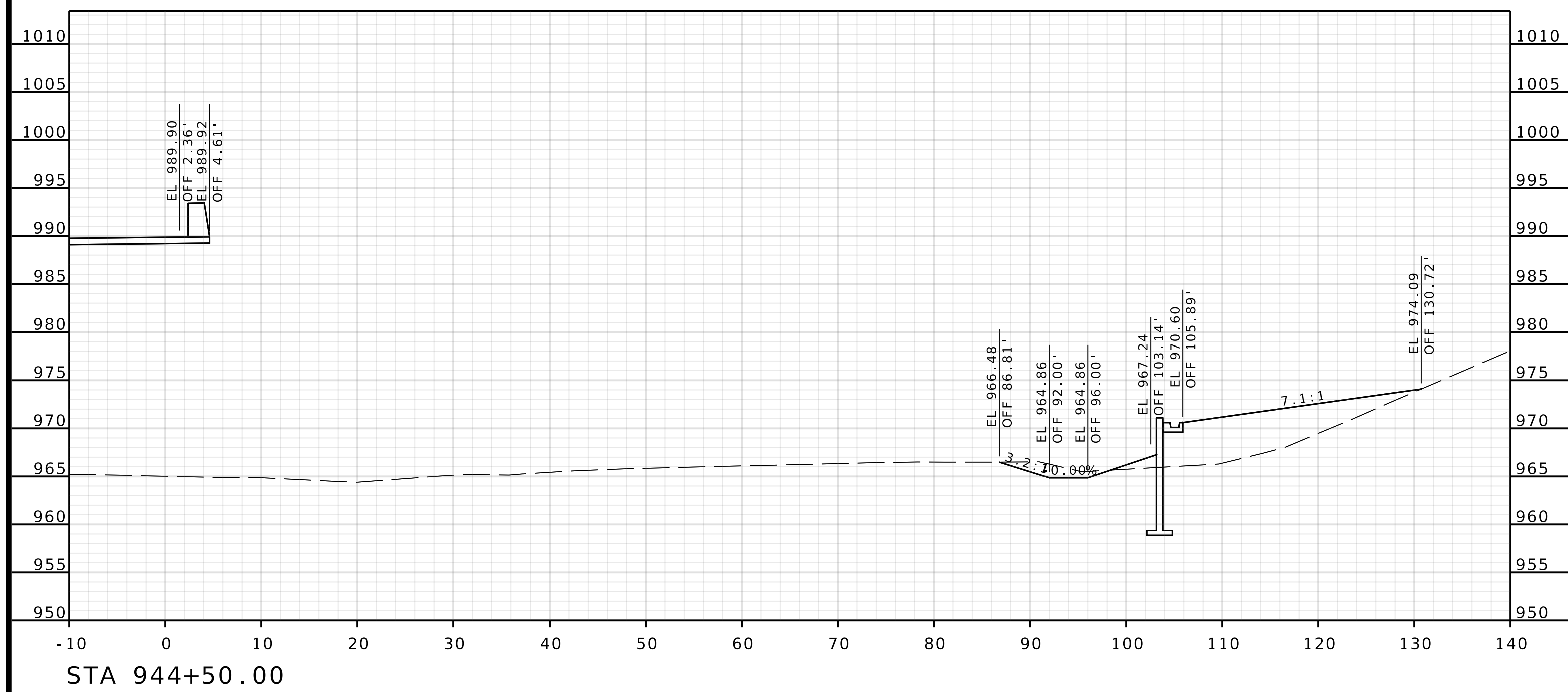
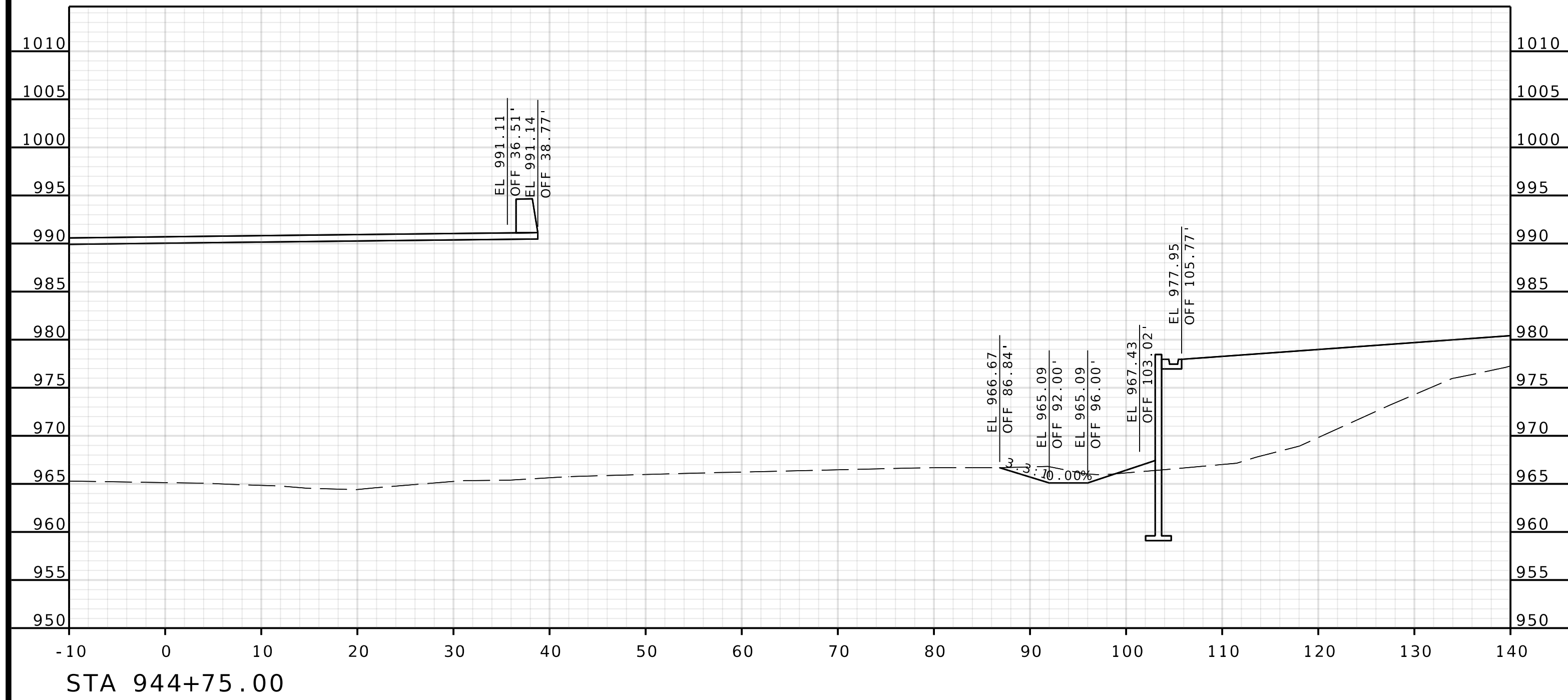
CONTRACT ID.

PROJECT NO.

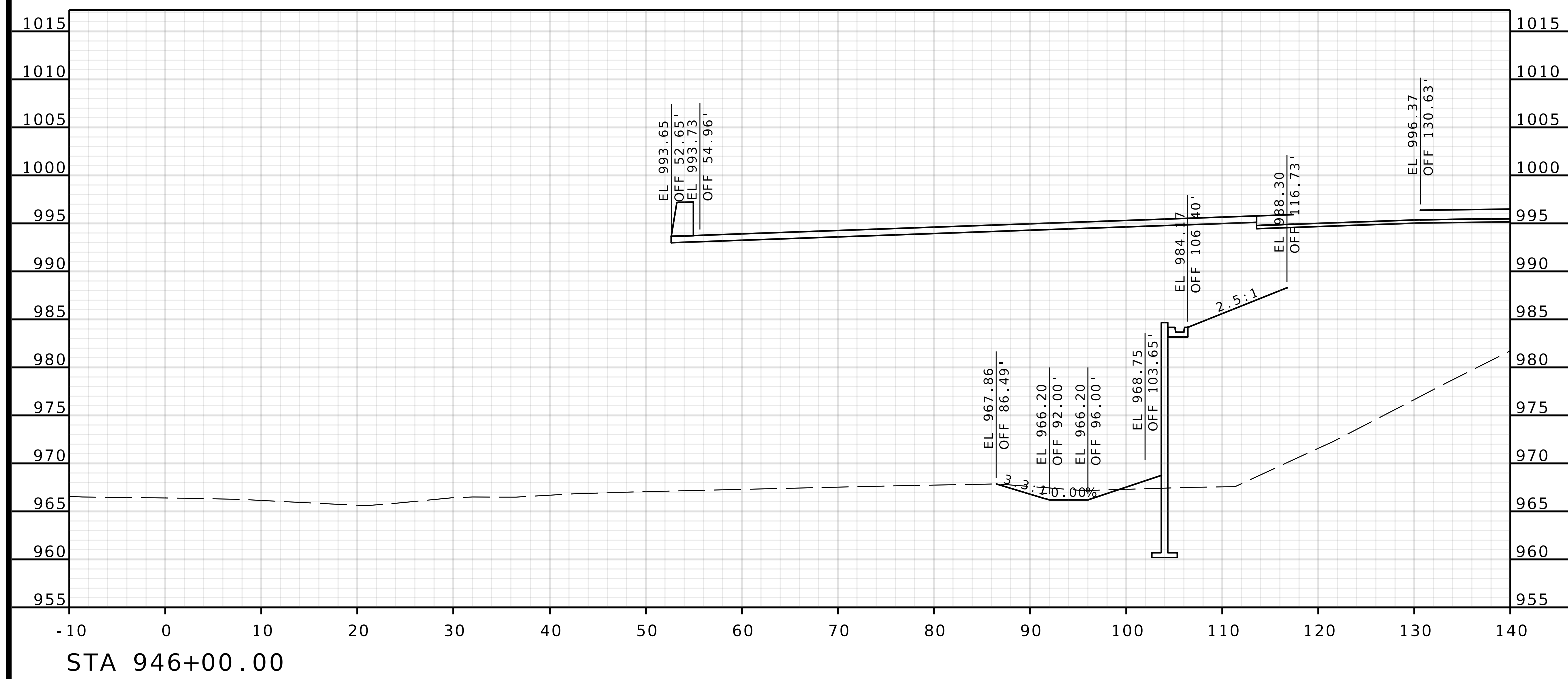
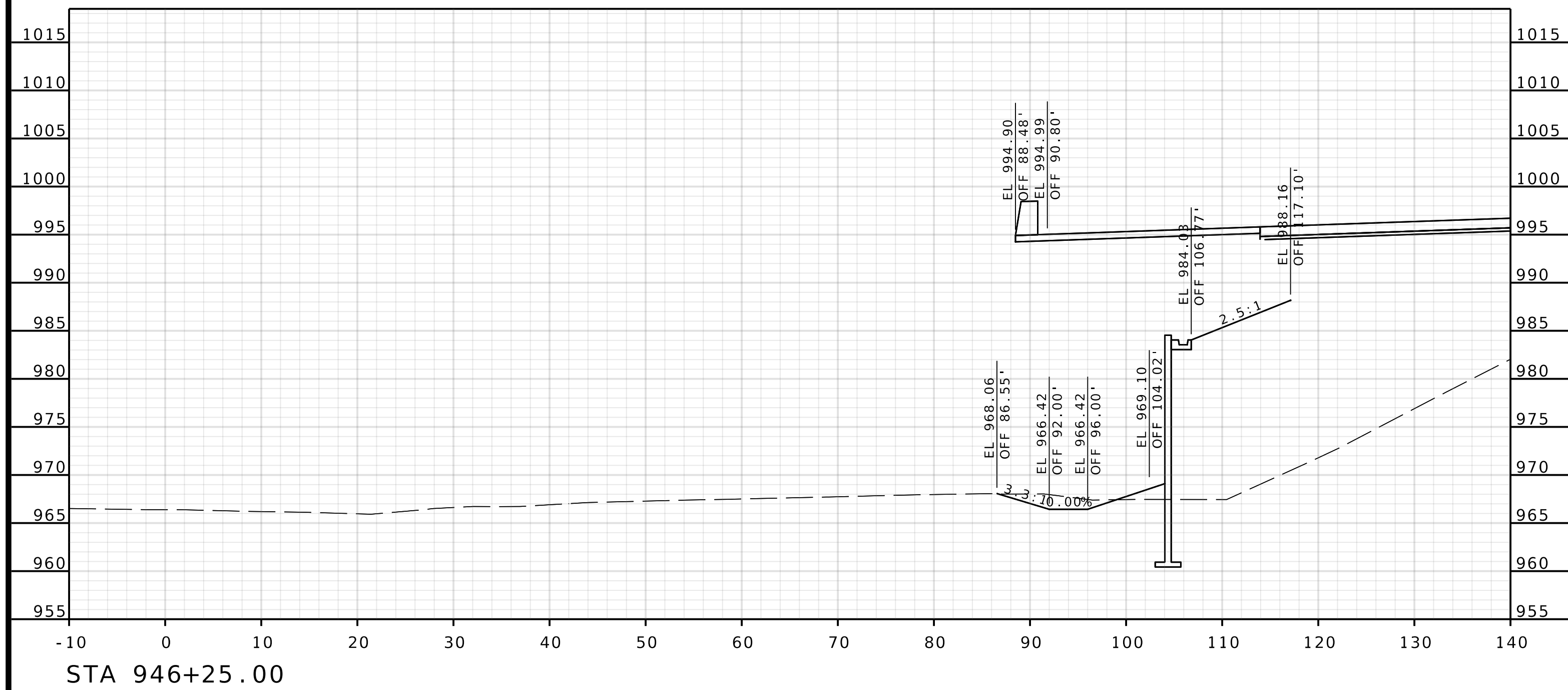
BRIDGE NO.

A9700

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

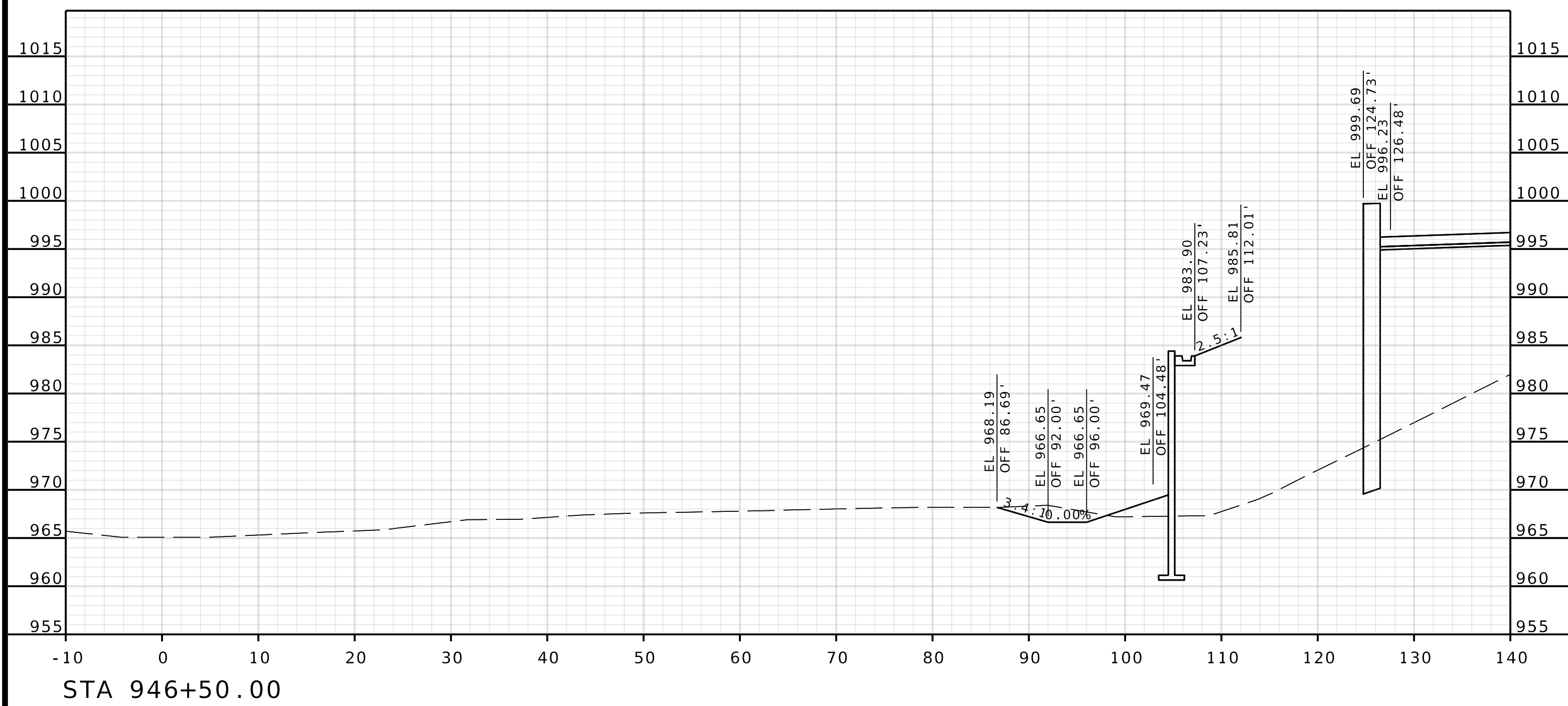
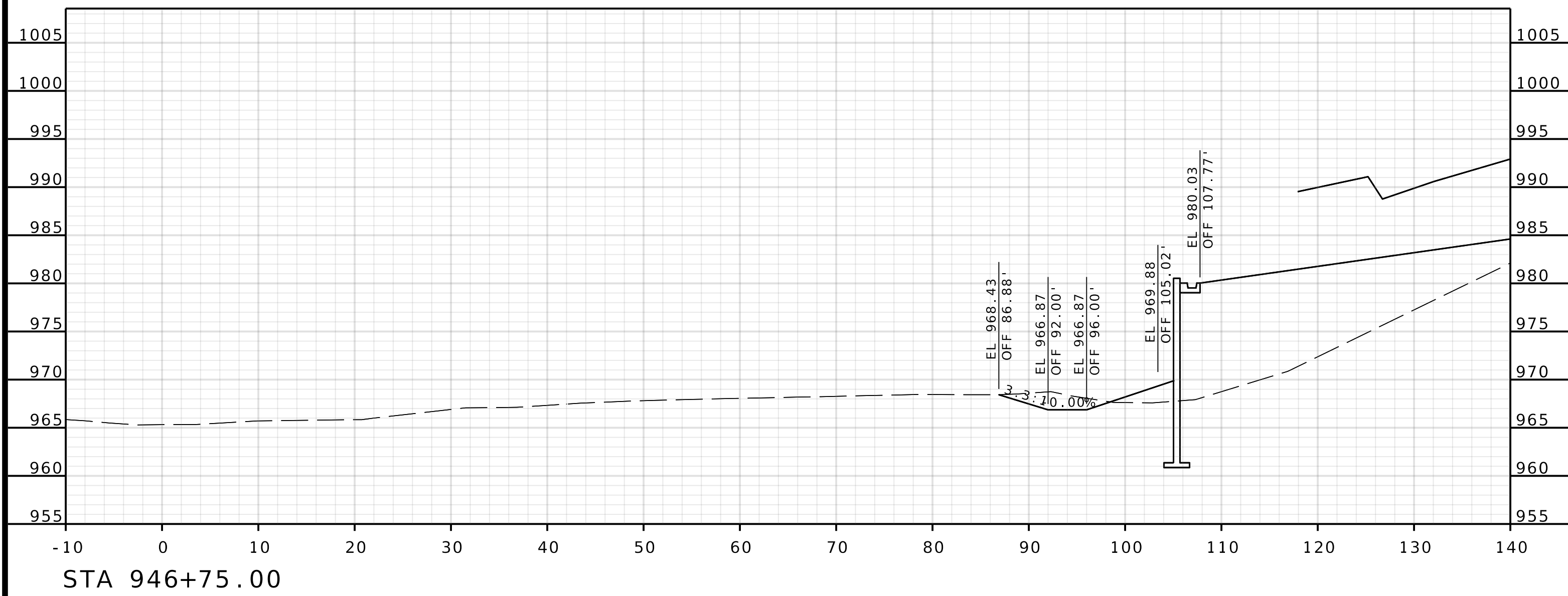


ROUTE I - 435
EBL



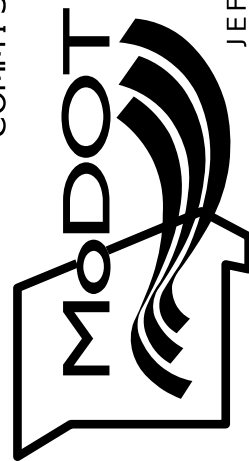
ROUTE I - 435
EBL

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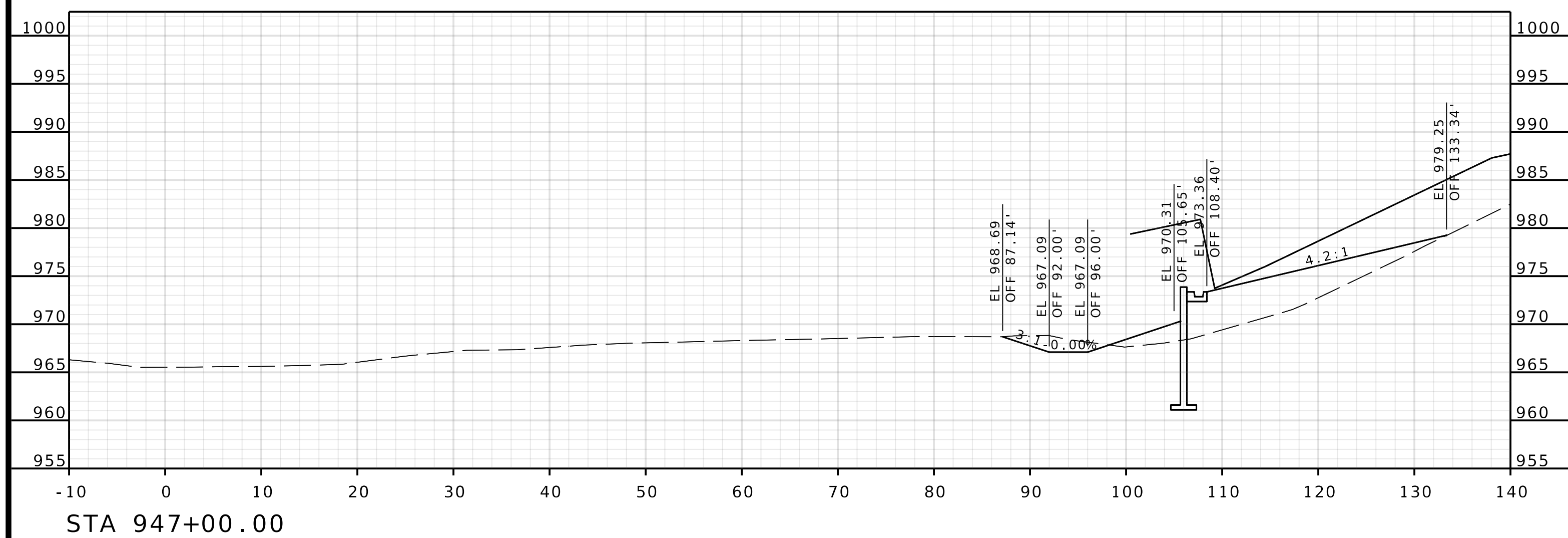
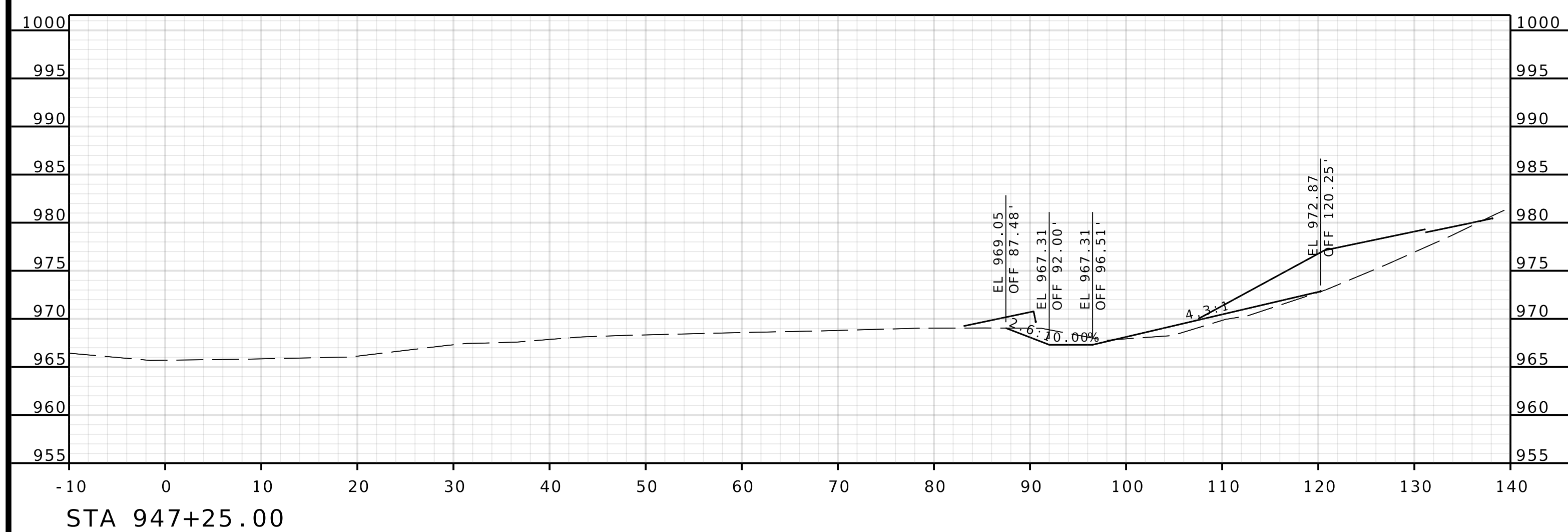
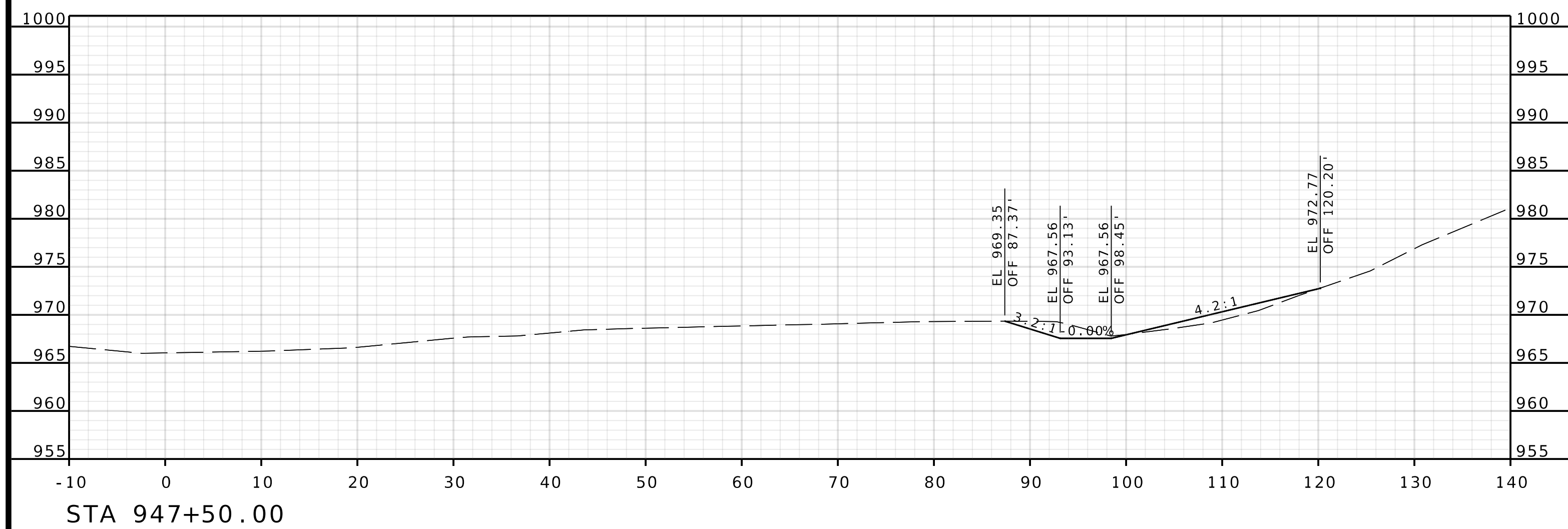
ROUTE I - 435
EBL

DATE PREPARED	
4/30/2025	
ROUTE	STATE
I 435	MO
DISTRICT	SHEET NO.
KC	20
COUNTY	
PLATTE	
JOB NO.	
J4S3489	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
A9700	

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

Olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

[illegible]

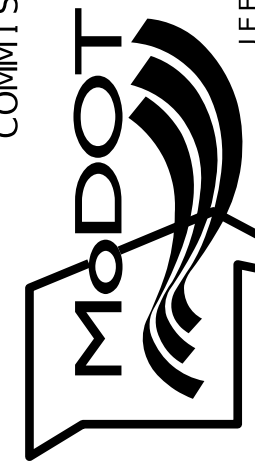


ROUTE I - 435
EBL

[illegible]

DATE						
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Olsson

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
PHONE: 816.361.1177
CERTIFICATE OF AUTHORITY NO. 001592

DATE PREPARED
4/30/202

ROUTE
1435

STATE
MODISTRICT
KC

SHEET NO.

21

COUNTY
PLATTE

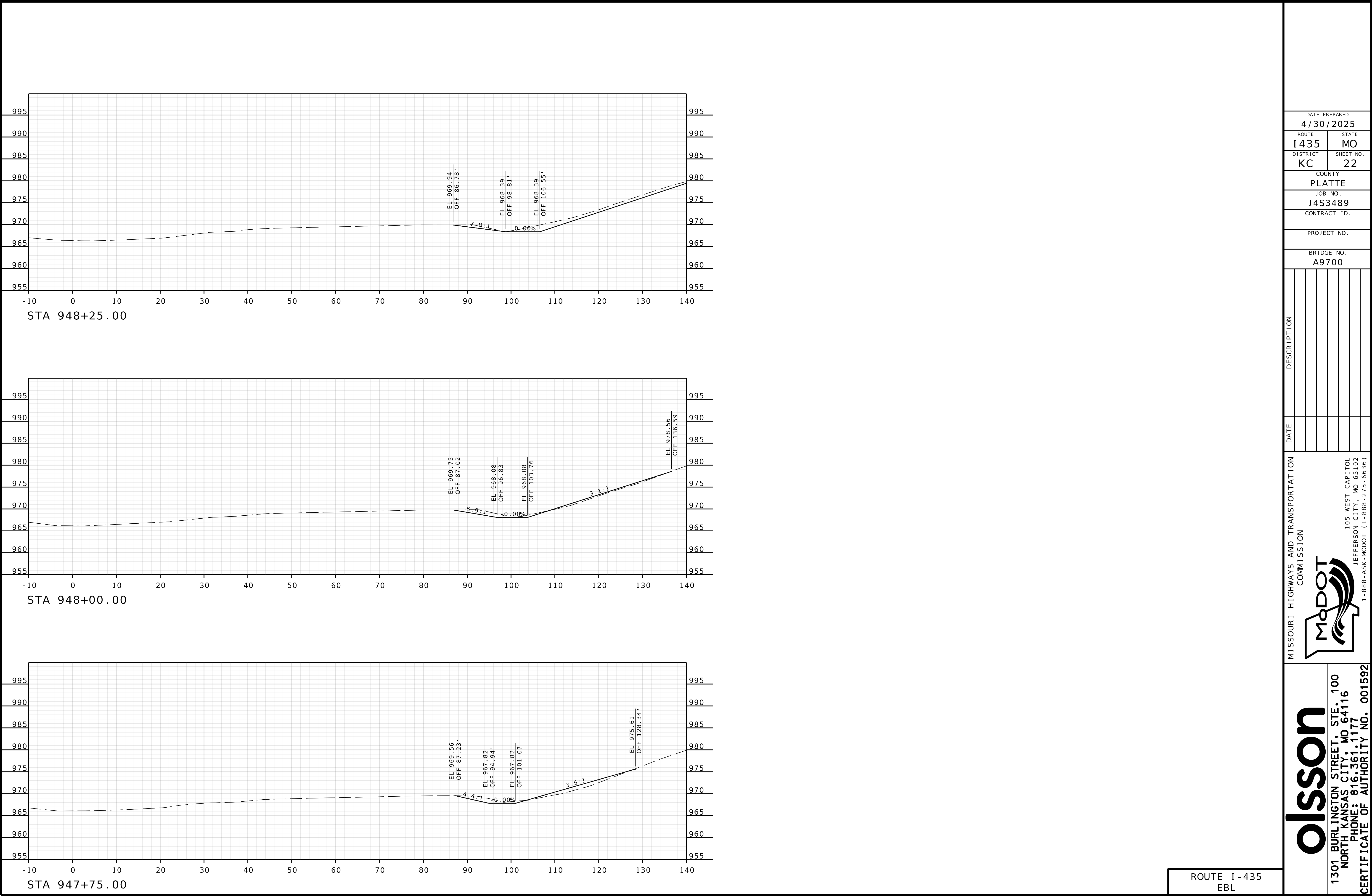
JOB NO.
J4S3489

CONTRACT ID.

PROJECT NO.

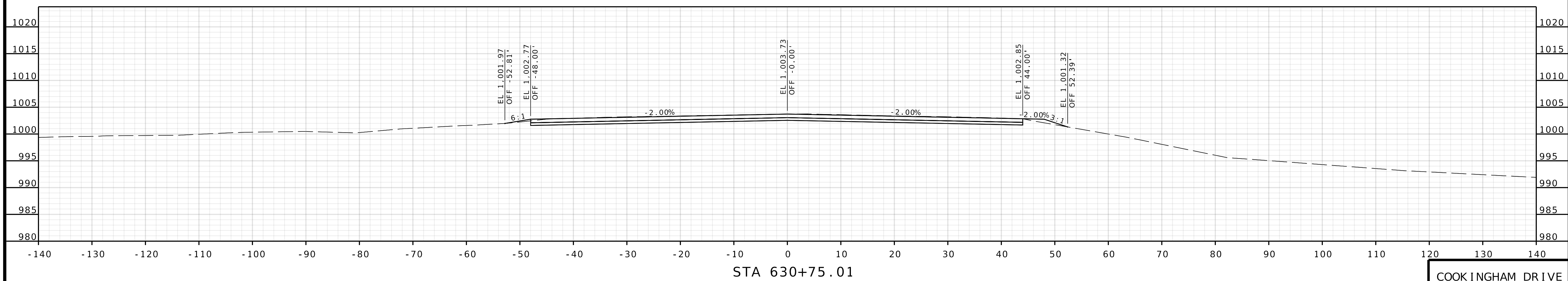
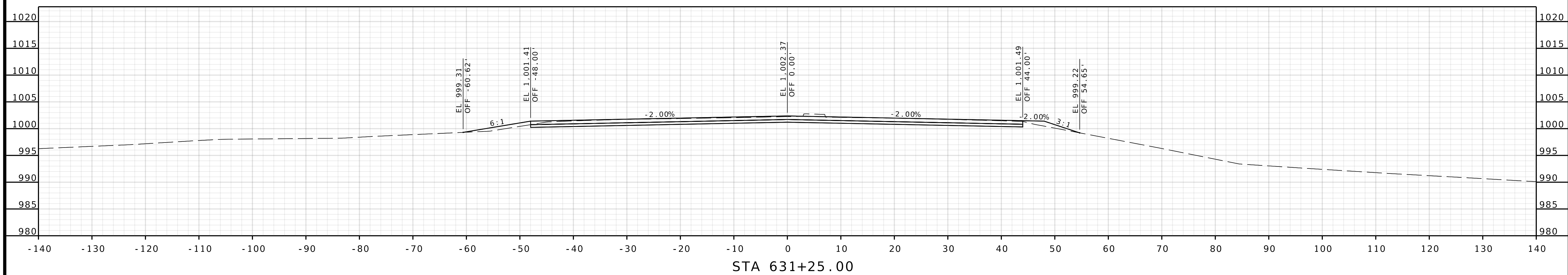
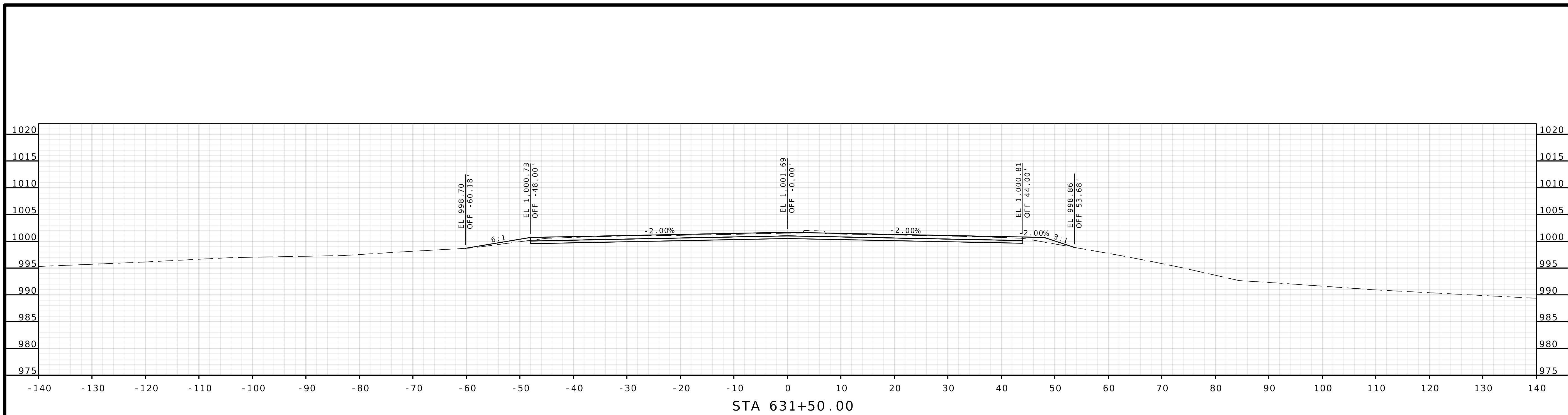
BRIDGE NO.
A9700

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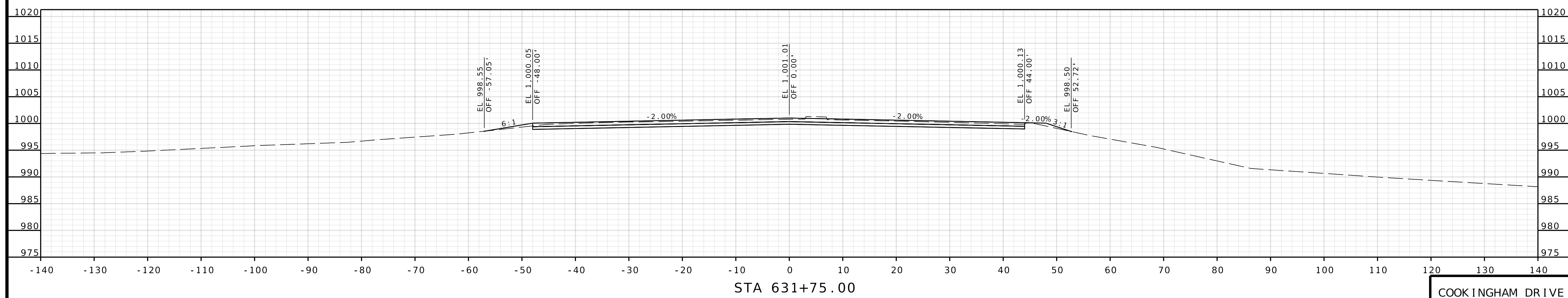
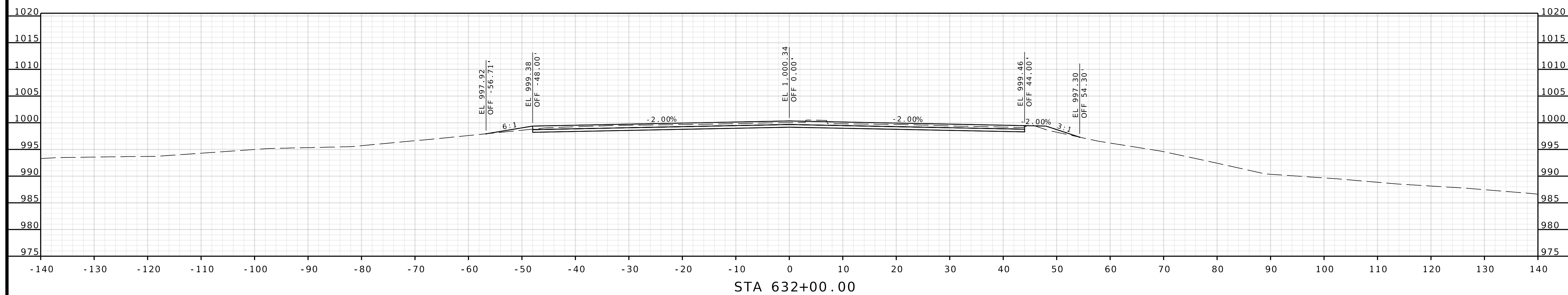
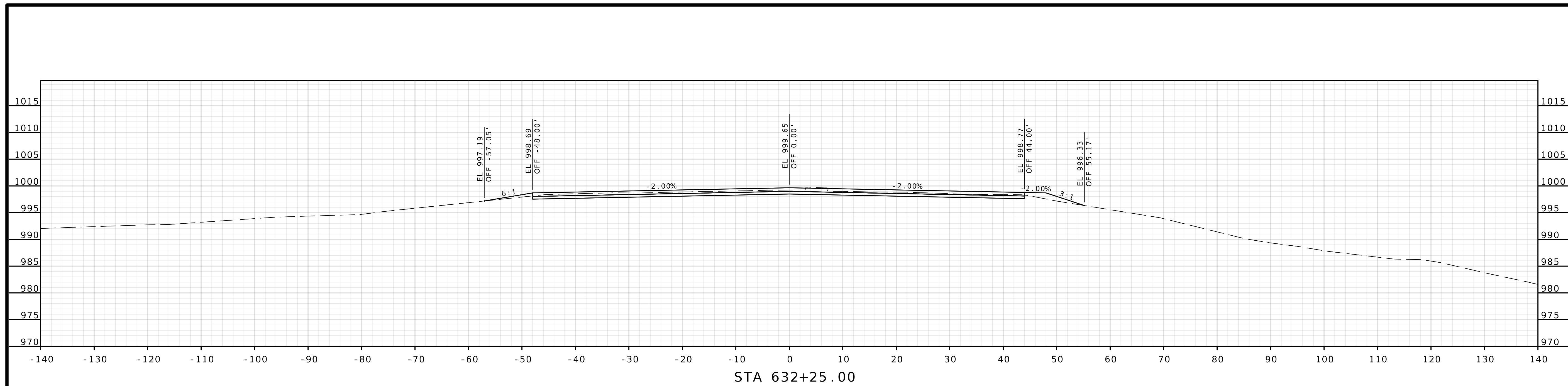


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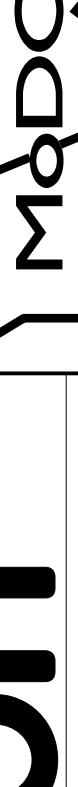


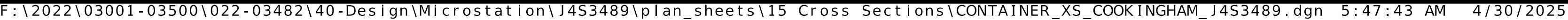
COOK INGHAM DRIVE

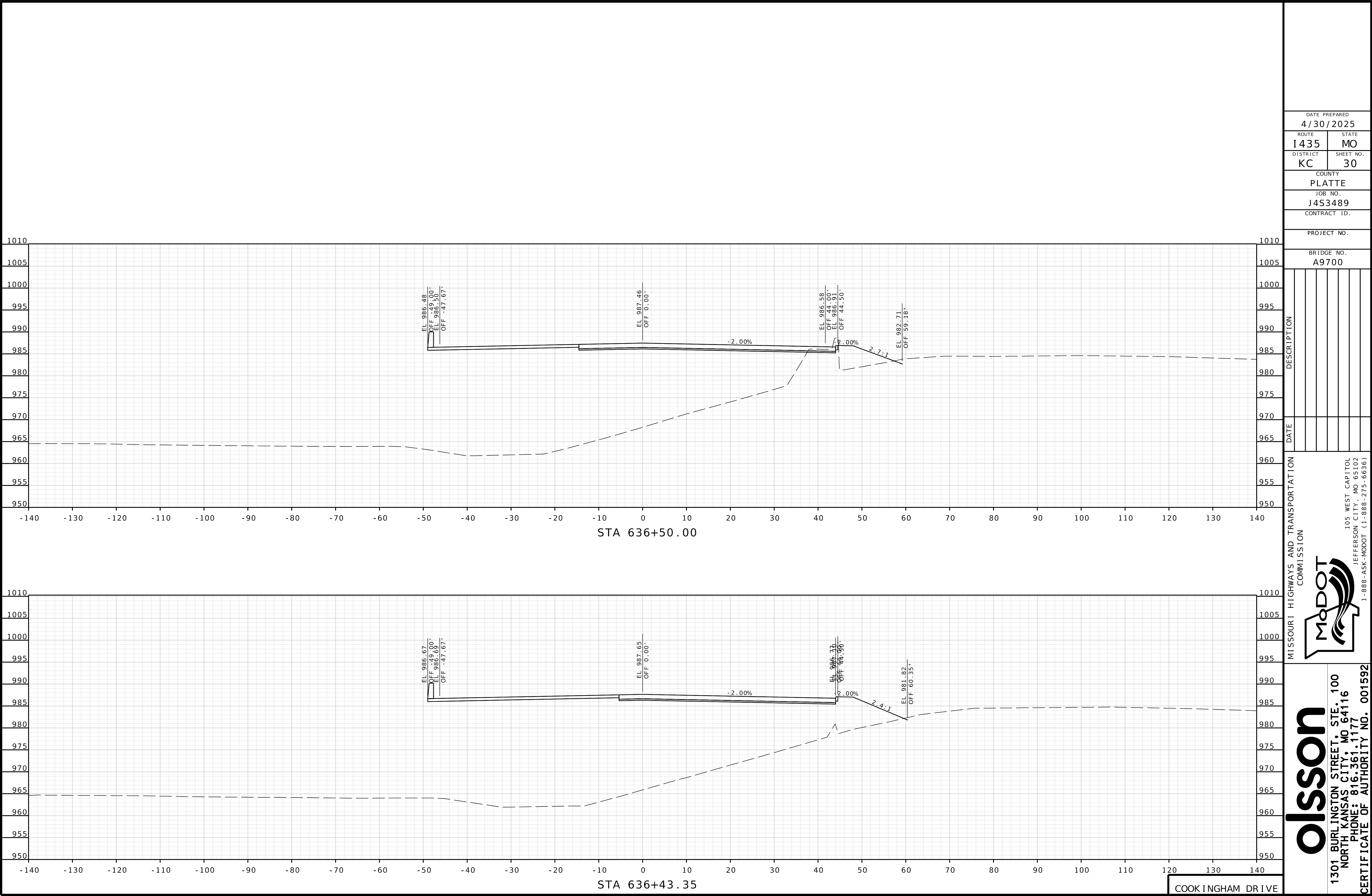
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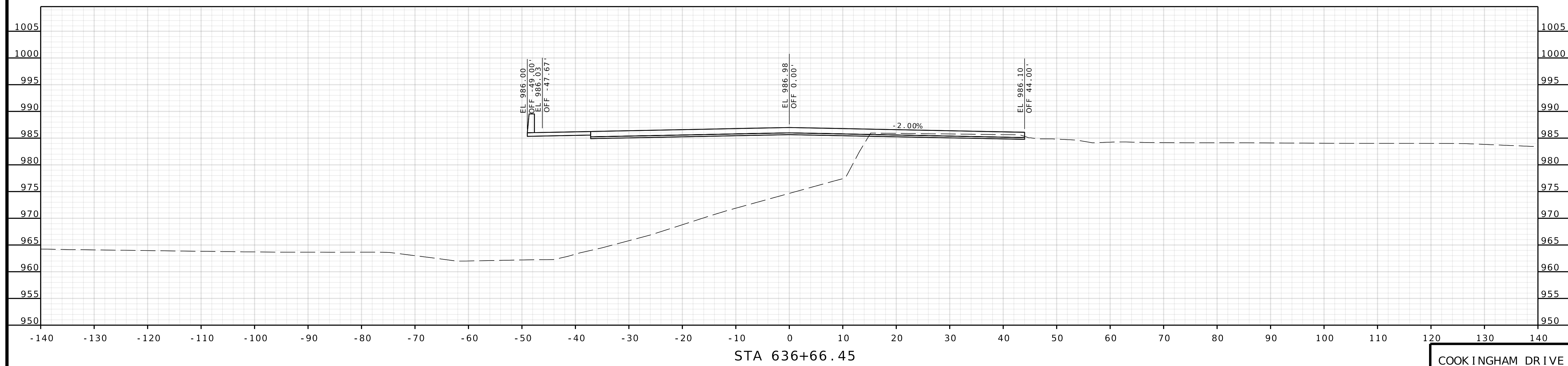
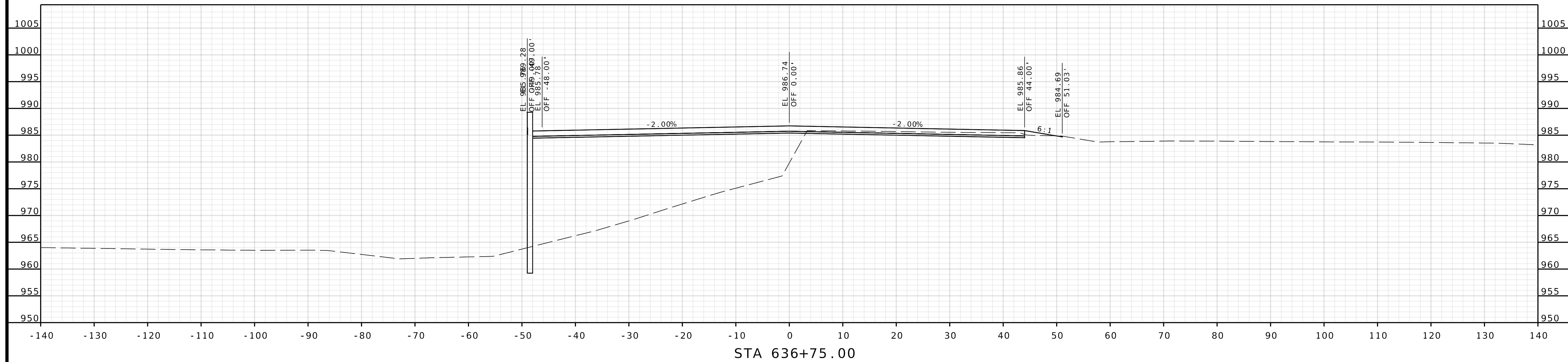


COOK INGHAM DRIVE

 1301 BURLINGTON STREET, STE. 100 NORTH KANSAS CITY, MO 64116 PHONE: 816.361.1177 CERTIFICATE OF AUTHORITY NO. 001592		MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION		DATE	DESCRIPTION
		 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)			
PROJECT NO.		COUNTY PLATTE JOB NO. J4S3489 CONTRACT ID.			
BRIDGE NO. A9700					
DISTRICT KC		ROUTE I 435		STATE MO	
DATE PREPARED 4/30/2025					

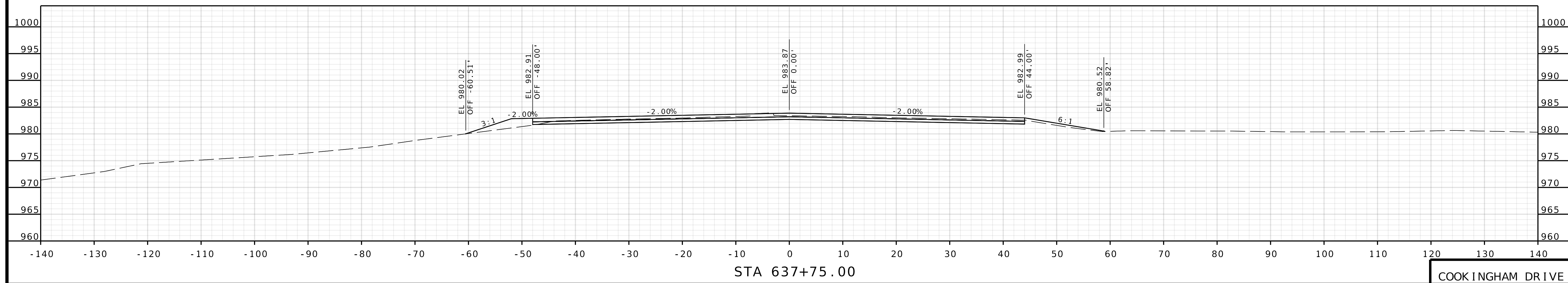
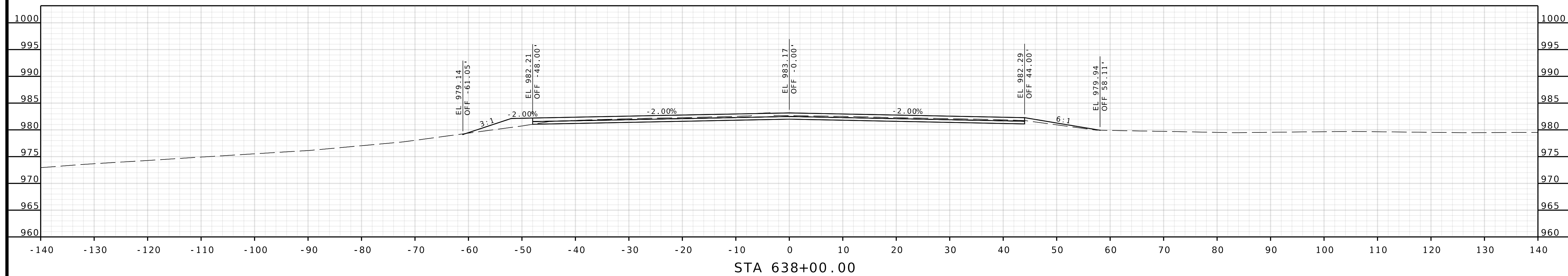
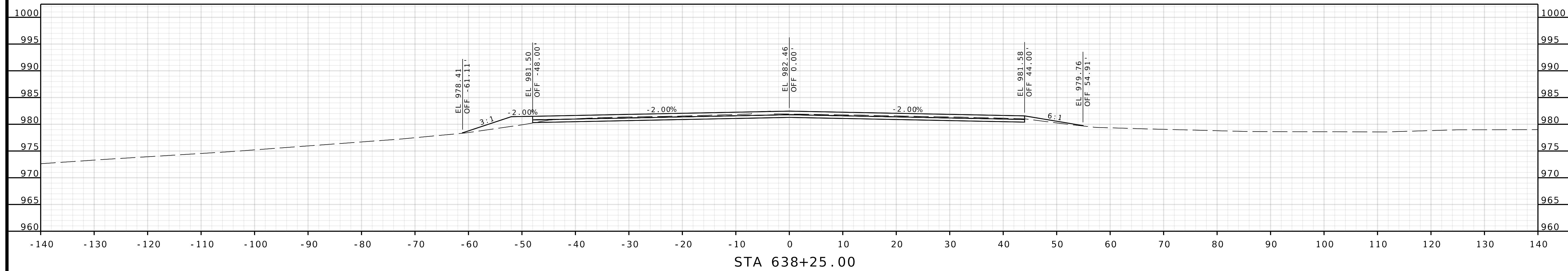


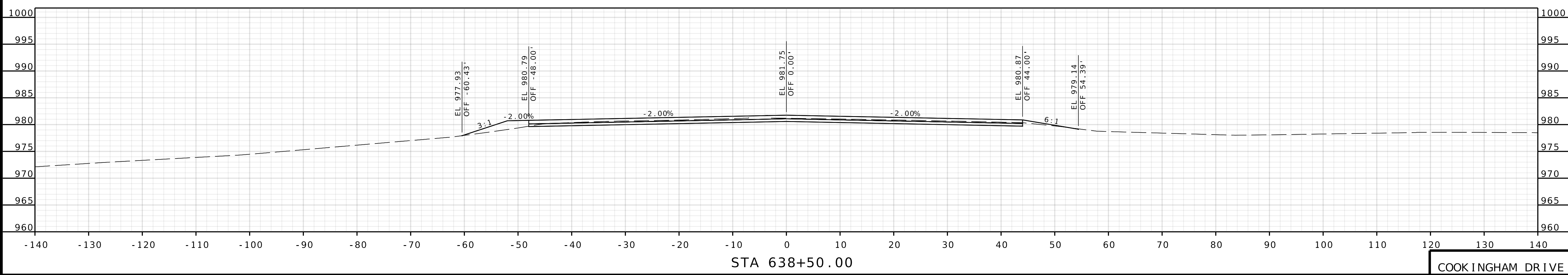
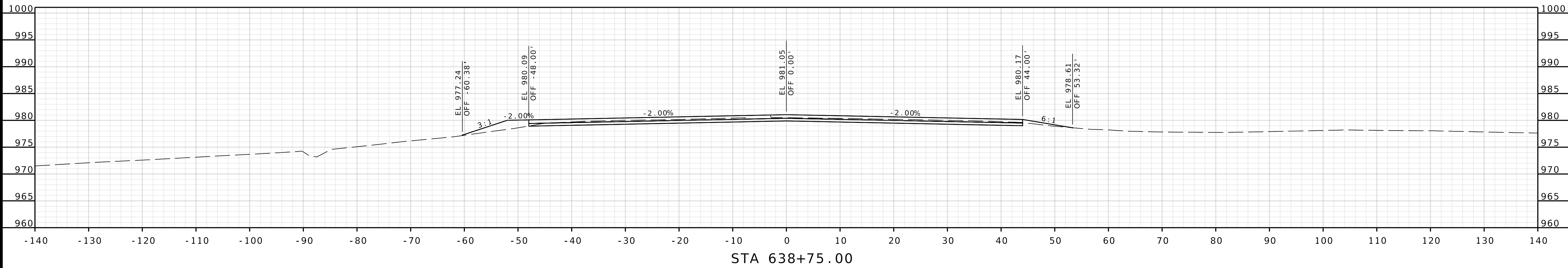
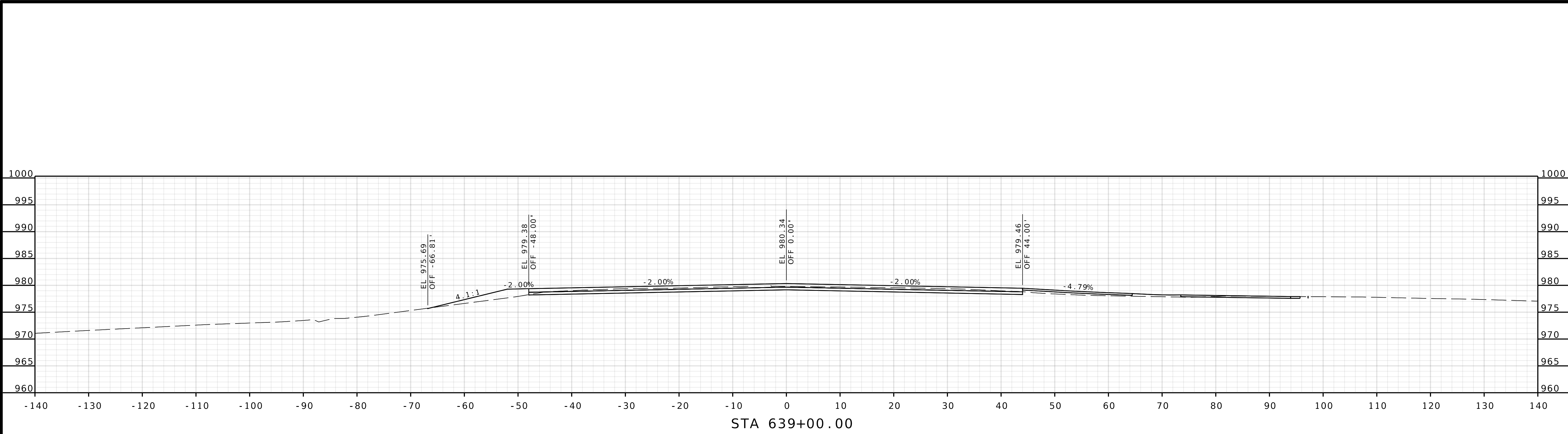




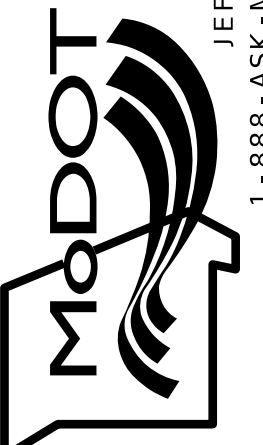
COOK INGHAM DRIVE

olsson 1301 BURLINGTON STREET, STE. 100 NORTH KANSAS CITY, MO 64116 PHONE: 816.361.1177 CERTIFICATE OF AUTHORITY NO. 001592		MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION		 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)		DATE	DESCRIPTION		
		DATE PREPARED 4/30/2025		ROUTE I 435		STATE MO		DISTRICT KC	
COUNTY PLATTE						JOB NO. J4S3489		CONTRACT ID.	
PROJECT NO.									
BRIDGE NO. A9700									

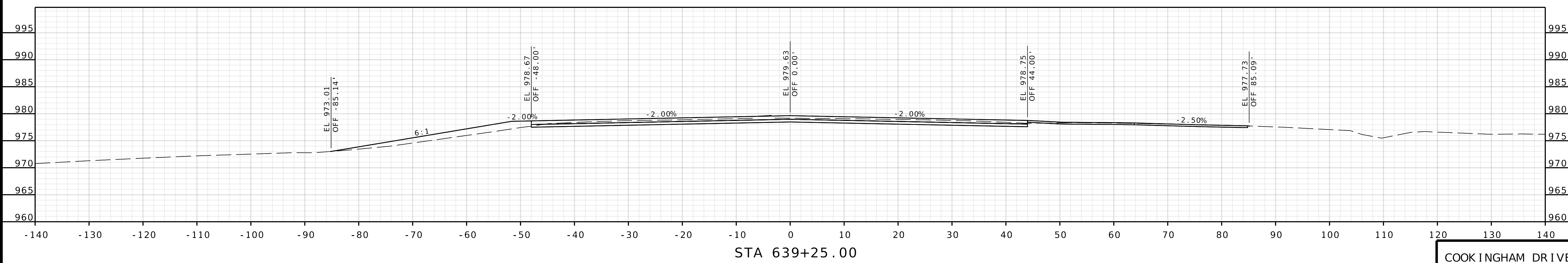
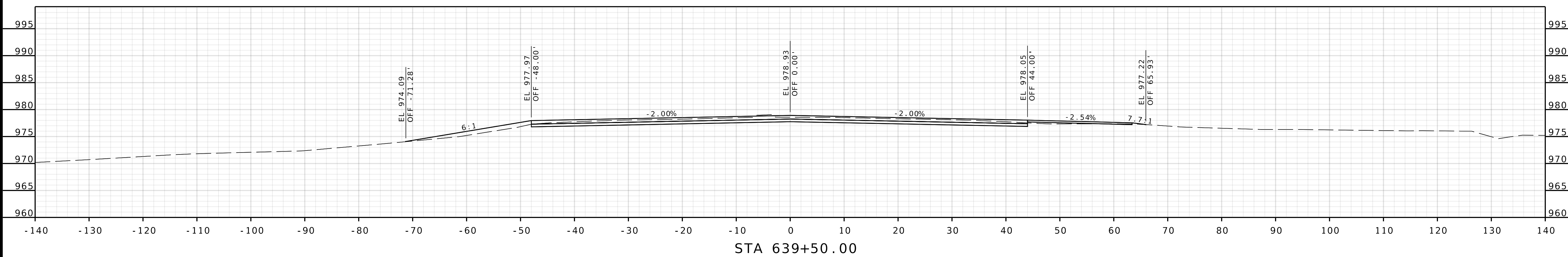
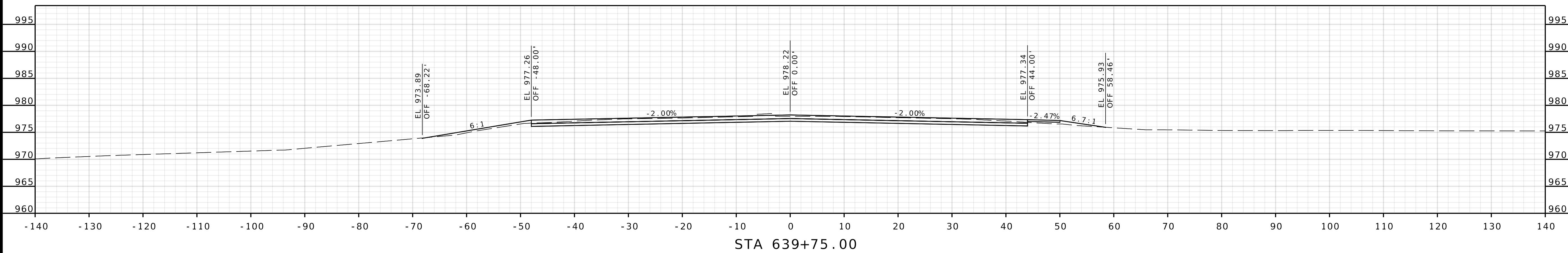




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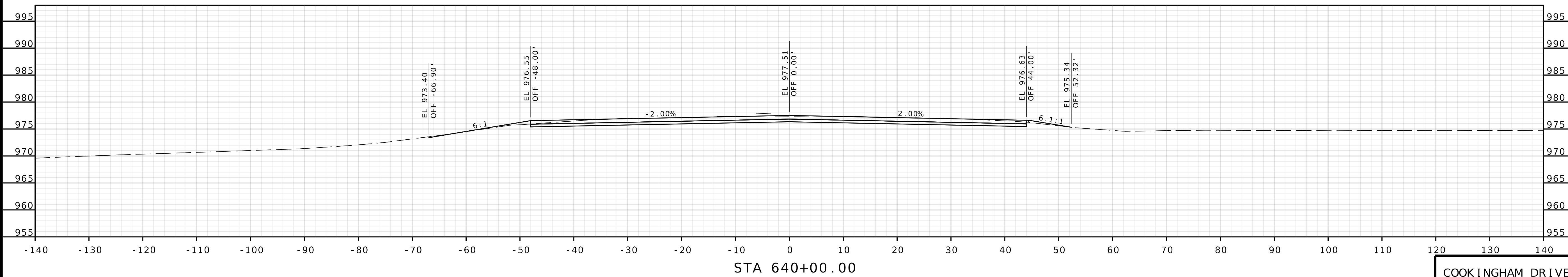
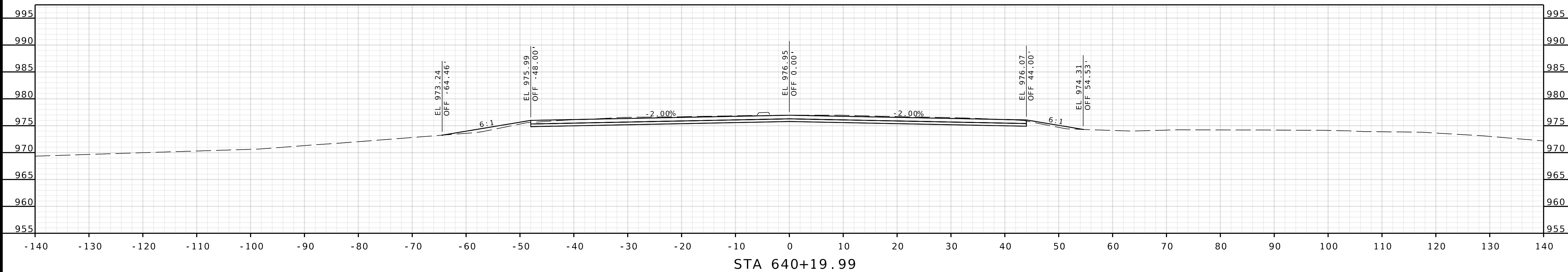
DATE PREPARED 4/30/2025	
ROUTE 1435	STATE MO
DISTRICT KC	SHEET NO. 35
COUNTY PLATTE	
JOB NO. J4S3489	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A9700	
DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
	
1301 BURLINGTON STREET, STE. 100 NORTH KANSAS CITY, MO 64116 PHONE: 816.361.1177 CERTIFICATE OF AUTHORITY NO. 001592	
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	

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olsson 1301 BURLINGTON STREET, STE. 100 NORTH KANSAS CITY, MO 64116 PHONE: 816.361.1177 CERTIFICATE OF AUTHORITY NO. 001592		 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)		MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION		DATE	DESCRIPTION									
										DATE PREPARED 4/30/2025						
				ROUTE I435		STATE MO										
				DISTRICT KC		SHEET NO 36										
				COUNTY PLATTE												
				JOB NO. J4S3489												
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				PROJECT NO.												
				BRIDGE NO. A9700												



COOK INGHAM DRIVE

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