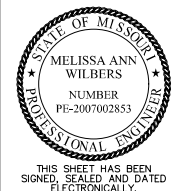


EARTHWORK								
ROUTE	LOCATION	STA.	STA.	UNCLASSIFIED	COMPACTING	EMBANKMENT	COMPACTING	REMARKS
				EXCAVATION	EMBANKMENT	IN PLACE	IN CUT	
				CY	CY	CY	STA	
US-50	MEDIAN CROSSOVER	1016+01.15	1016+53.63	211.7	0.0			USE 103.6 CY AT 401 J-TURN WB DECEL. USE 81.2 CY AT 401 J-TURN EB ACCEL. DISPOSE OF EXCESS 26.9 CY
US-50	WB 401 J-TURN DECEL	998+39.86	1006+25.20	279.7	327.8			OBTAIN 103.6 CY FROM MEDIAN CROSSOVER
US-50	EB 401 J-TURN ACCEL	998+30.86	1016+53.63	684.7	652.6			OBTAIN 81.2 CY FROM MEDIAN CROSSOVER
US-50	EB 401 J-TURN LOON	998+42.66	999+82.66	71.5	28.5			DISPOSE OF EXCESS 32.3 CY
US-50	WB 361 DECEL	1042+70.25	1050+28.75	675.5	346.9			USE 143.3 CY AT 361 OFFSET LT. DISPOSE OF EXCESS 83.9 CY
US-50	331 REMOVAL	1060+73.41	1061+22.07	62.6	0.0			DISPOSE OF EXCESS 62.6 CY
US-50	EB 361 OFFSET LT	1035+18.16	1044+04.63	373.9	461.2			OBTAIN 143.3 CY FROM 361 WB DECEL
US-50	EB 151 DECEL	1144+79.90	1152+34.57	962.5	340.7			USE 12.8 CY AT 121 WB DECEL. USE 464.6 CY AT 121 J-TURN ACCEL
US-50	EB 121 DECEL	1156+51.12	1165+12.21	936.7	118.0			USE 397.4 CY AT 121 WB J-TURN ACCEL. USE 182.9 CY AT 151 WB OFFSET LT. USE 97.9 CY AT 121 EB J-TURN DECEL
US-50	WB 121 DECEL	1164+14.90	1171+79.71	456.5	400.8			OBTAIN 12.8 CY FROM 151 EB DECEL
US-50	WB 121 J-TURN ACCEL	1159+40.84	1171+91.71	442.1	1237.8			OBTAIN 464.6 CY FROM 151 EB DECEL. OBTAIN 397.4 CY FROM 121 EB DECEL
US-50	WB 151 OFFSET LT	1150+25.10	1159+40.83	452.3	567.4			OBTAIN 182.9 CY FROM 121 EB DECEL
US-50	EB 121 J-TURN DECEL	1163+71.12	1171+84.06	380.7	451.5	281.7		OBTAIN 97.9 CY FROM 121 EB DECEL
US-50	EB TO WB CROSSOVER	0+00.00	9+39.01	140.0	119.0	304.9		DISPOSE OF 304.9 CY FROM CROSSOVER REMOVAL
US-50	WB TO EB CROSSOVER	0+00.00	9+79.10	134.4	114.2	723.5		USE 278.2 CY AT 191 WB DECEL. DISPOSE OF EXCESS 445.3 CY
US-50	WB 191 DECEL	1126+11.10	1133+17.79	540.5	737.6			OBTAIN 278.2 CY FROM WB TO EB CROSSOVER REMOVAL
US-50	EB US-50 REPROFILE	1111+13.83	1120+31.42	10375.2	40.7		10.2	USE 150.1 CY AT 191 J-TURN WB ACCEL. USE 519.1 CY AT 191 J-TURN EB DECEL. USE 415.9 CY AT 271 WB DECEL. USE 426.5 CY AT 251 WB DECEL. USE 816.2 CY AT 271 J-TURN WB ACCEL. USE 196.5 CY AT 331 J-TURN EB ACCEL. USE 362.9 CY AT 331 J-TURN EB LOON. USE 1429.2 CY AT 251 EB OFFSET LT. DISPOSE OF 4461.8 CY
US-50	EB 191 J-TURN ACCEL	1120+75.65	1137+43.22	817.5	845.0			OBTAIN 150.1 CY FROM REPROFILE.
US-50	WB 191 J-TURN DECEL	1119+99.60	1127+43.65	254.9	735.7			OBTAIN 519.1 CY FROM REPROFILE.
US-50	WB GAS STATION DECEL	1070+33.43	1077+36.89	523.9	249.1			USE 196.2 CY AT 271 WB DECEL
US-50	WB 271 DECEL	1083+14.58	1090+16.98	407.1	958.1			OBTAIN 196.2 CY FROM GS DECEL. OBTAIN 415.9 CY FROM REPROFILE.
US-50	WB 251 DECEL	1096+50.70	1103+55.50	696.0	1018.1			OBTAIN 426.5 CY FROM REPROFILE
US-50	WB 331 J-TURN DECEL	1060+51.61	1068+18.70	332.6	258.8			USE AT 23.9 CY 271 J-TURN ACCEL
US-50	WB 271 J-TURN ACCEL	1072+37.49	1090+28.98	624.3	1370.7			OBTAIN 23.9 CY FROM 331 J-TURN WB DECEL. OBTAIN 816.2 CY FROM REPROFILE
US-50	EB 331 J-TURN ACCEL	1060+44.62	1078+38.60	703.8	794.7			OBTAIN 196.5 CY FROM REPROFILE
US-50	EB 271 J-TURN DECEL	1082+06.75	1090+20.00	366.7	674.6			OBTAIN 362.9 CY FROM REPROFILE
US-50	EB 251 OFFSET LT	1090+20.00	1097+74.84	288.0	1674.0			OBTAIN 1429.2 CY FROM REPROFILE
US-50	EB 331 J-TURN LOON	1060+56.54	1061+96.54	72.9	39.6			DISPOSE OF EXCESS 22.3 CY
US-50	EB 271 DECEL	1076+85.45	1084+24.85	848.6	154.6			DISPOSE OF EXCESS 566.8 CY
			TOTAL	23116.7	14717.7	1310.1	10.2	
			USE	23117	14718	1310	10.2	

1 REVISED

PAVEMENT EDGE TREATMENT					
ROUTE	STA.	STA.	LOCATION	QUANTITY	REMARKS
				(LF)	
EB US-50	998+30.86	1016+53.63	401 J-TURN EB ACCEL	1783.8	
WB US-50	998+39.86	1006+25.20	401 J-TURN WB DECEL	769.0	
EB US-50	998+42.66	999+82.66	EB LOON	143.7	
EB US-50	1035+18.16	1044+04.63	361 EB OFFSET LT	942.8	
WB US-50	1042+70.25	1050+28.75	361 WB DECEL	858.7	
EB US-50	1060+44.62	1078+38.60	331 J-TURN EB ACCEL	1749.2	
WB US-50	1060+51.61	1068+18.70	331 J-TURN WB DECEL	748.6	
EB US-50	1060+56.54	1061+96.54	331 J-TURN EB LOON	143.9	
WB US-50	1070+33.43	1077+36.89	GS WB DECEL	694.4	
WB US-50	1072+37.49	1090+28.98	271 J-TURN WB ACCEL	1753.9	
EB US-50	1082+06.75	1097+74.84	EB DECEL/251 OFFSET LT	1661.6	
EB US-50	1076+85.45	1084+24.85	271 EB DECEL	792.9	
WB US-50	1083+14.58	1090+16.98	271 WB DECEL	706.6	
WB US-50	1096+50.70	1103+55.50	251 WB DECEL	784.5	
EB US-50	1111+13.83	1137+43.21	REPROFILE/191 J-TURN EB ACCEL	3605.7	
WB US-50	1119+99.60	1127+43.65	191 J-TURN WB DECEL	715.1	
WB US-50	1126+11.10	1133+17.79	191 WB DECEL	605.4	
EB US-50	1144+79.90	1151+91.42	151 EB DECEL	811.2	
WB US-50	1150+25.10	1171+91.71	151 OFFSET/WB ACCEL	2204.3	
EB US-50	1156+51.12	1165+12.21	121 EB DECEL	861.9	
EB US-50	1163+71.12	1171+84.06	121 J-TURN EB DECEL	798.6	
WB US-50	1164+14.90	1171+79.71	121 WB DECEL	786.4	
			TOTAL	23922.2	
			USE	23922	



DATE PREPARED
2/11/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 3

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK TABLE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101

PHONE 873-664-5181

CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING

WWW.BARTLETTWEST.COM

SUMMARY OF QUANTITIES
SHEET 2 OF 10

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

PAVEMENT MARKING (PERMANENT)														
ROUTE	LOCATION	STA.	STA.	HIGH BUILD WATERBORNE						THERMOPLASTIC			REMARKS	
				6" WHITE			6" YELLOW	12" WHITE		12" WHITE	24" WHITE			WHITE TURN ARROW (EACH)
				SOLID	DOTTED	INTERMITTENT	SOLID	SOLID	DOTTED	YIELD LINE TRIANGLES (EA)	DIAGONAL SOLID	WHITE 50' SPACING (LF)		
(LF)	(LF)	(LF)	(LF)	(LF)	(LF)									
50	EB DECEL US-50	1163+71.00	1171+27.00					768.0					121 EB DECEL	
50	EB DECEL US-50	1163+71.00	1169+84.00		204.3								121 EB DECEL	
50	WB DECEL US-50	1164+15.00	1164+56.00	67.0									121 WB DECEL	
50	WB DECEL US-50	1164+72.00	1170+42.00	591.0									121 WB DECEL	
50	WB DECEL US-50	1164+93.00	1167+19.00						225.0				121 WB DECEL	
50	WB DECEL US-50	1165+94.00	-										121 WB DECEL	
50	EB DECEL US-50	1166+79.00	-									1	121 EB DECEL	
50	WB DECEL US-50	1167+19.00	1170+42.00							161.5			121 WB DECEL	
50	WB DECEL US-50	1167+88.00	1171+74.00	404.0									121 WB DECEL	
50	WB DECEL US-50	1171+74.00	1171+92.00	404.0									121 WB DECEL	
50	WB DECEL US-50	1167+94.00	-									1	121 WB DECEL	
50	EB DECEL US-50	1169+84.00	1171+55.00						171.0				121 EB DECEL	
50	EB DECEL US-50	1171+55.00	1171+84.00					29.0					121 EB DECEL	
50	EB DECEL/WB ACCEL	1171+55.00	1171+74.00	76.7									121 EB DECEL	
50	WB DECEL US-50	1169+94.00	-									1	121 WB DECEL	
50	WB LOON	1170+42.00	1171+80.00	140.0									121 WB DECEL	
50	WB LOON	1170+42.00	1171+80.00						138.0				121 WB DECEL	
50	EB DECEL US-50	1170+79.00	-									1	121 EB DECEL	
SUBTOTAL				1682.7	204.3	0		797.0	534.0	161.5	0	0	5	
TOTAL				10771.5	3352.5	103.1		16373.0	6280.0	292.5	48	220	44	
USE					14227			16373	6573		48	220	44	

PAVEMENT MARKING (TEMPORARY)									
ROUTE	LOCATION	STA.	STA.	4" TEMPORARY PAVEMENT MARKING PAINT		4" TEMPORARY REMOVABLE MARKING TAPE		TEMPORARY PAINT REMOVAL (LF)	REMARKS
				WHITE	YELLOW	WHITE	YELLOW		
				(LF)	(LF)	(LF)	(LF)		
EB US-50	CL	1057+13.82	1076+67.81			1954			
EB TO WB CROSSOVER	RT	1076+67.81	1080+57.91	392				392	
WB US-50	RT	1080+57.91	1130+42.91			4983			HEAD TO HEAD
WB TO EB CROSSOVER	RT	1130+42.91	1134+41.92	373				373	
EB US-50	RT	1134+41.92	1137+51.06			307			
EB TO WB CROSSOVER	LT	1073+44.05	1078+44.85		506			506	
WB US-50	CL	1078+44.85	1132+62.13				5416		HEAD TO HEAD
WB TO EB CROSSOVER	LT	1132+62.13	1137+52.42		493			493	
WB US-50	CL	1072+25.32	1151+30.43				8002		
EB US-50	CL	1083+00.00	1106+27.37				2327		
EB US-50	CL	1083+00.00	1106+27.37				2327		
EB US-50	LT	1083+92.99	1097+82.25			1288			
EB US-50	LT	1097+50.38	1106+27.37			877			
TOTALS				765.0	999.0	9409.0	18072.0	1764.0	
USE					1764	9409	18072	1764	

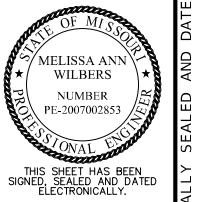
INLETS & MANHOLE					
LOCATION	STA	TYPE S-1 INLET 5' X 3'	MANHOLE FRAME AND COVER TYPE 2	CLASS 3 EXCAVATION	REMARKS
		FT	EA	CY	
EB US-50	997+99.53	7.1		8.5	I-1
EB US-50	1039+88.08	7.0		8.5	I-2
EB US-50	1043+03.70		1	8.5	MH-1
EB US-50	1074+64.03	7.0		8.5	I-3
EB US-50	1087+73.67	7.8		8.5	I-4
EB US-50	1096+29.04	7.0		8.5	I-5
EB US-50	1135+83.91	7.0		8.5	I-6
EB US-50	1168+58.09	7.8		8.5	I-7
TOTALS		50.7	1.0	68.0	
USE		51.0	1	68.0	

PIPE CULVERTS AND END SECTIONS																		
LOCATION	STA	OFFSET	STA	OFFSET	GROUP A					15" FLARED END SECTION GROUP A	18" FLARED END SECTION GROUP A	24" FLARED END SECTION GROUP A	36" FLARED END SECTION GROUP A	30" FLARED END SECTION SAFETY SLOPE	TYPE A PIPE COLLAR	ROCK LINING	CLASS 3 EXCAVATION	REMARKS
					15" LENGTH	18" LENGTH	24" LENGTH	30" LENGTH	36" LENGTH									
					LF	LF	LF	LF	LF									
EB US-50	998+01.01	42.50' LT	988+28.13	38.94' LT		28.0											44.3	P-1
EB US-50	1039+89.58	43.37' LT	1043+02.45	40.33' LT		312.0											286.6	P-2
EB US-50	1043+03.04	21.34' LT	1043+03.21	46.37' RT				25.0									42.9	P-3
EB US-50	1060+06.54	42.69' RT	1061+22.85	42.09' RT		112.0								1		0.6	97.2	P-4
WB US-50	10+53.89	34.33' LT	1071+67.50	41.57' LT		15.0										0.4	16.9	P-5
WB US-50	1074+76.20	28.68' LT	1074+76.25	44.37' LT			14.0				1					0.5	8.8	P-6
EB US-50	1073+78.20	41.95' LT	1074+76.14	42.88' LT	96.0												108.1	P-7
WB US-50	1083+24.11	35.20' LT	1083+94.04	45.24' LT		70.0										0.4	64.5	P-8
EB US-50	1083+23.37	46.90' RT	1083+87.80	46.49' RT		64.0					2					0.4	67.0	P-9
EB US-50	1089+75.29	40.70' RT	1088+10.12	42.30' RT		35.0											44.3	P-10
EB US-50	1088+76.80	134.76' LT	1088+97.33	161.47' LT													44.3	P-11
WB US-50	1089+45.29	41.17' RT	1090+65.62	34.19' RT		120.0					2						81.0	P-12
WB US-50	1096+31.54	29.35' RT	1096+75.20	31.40' RT		44.0											58.5	P-13
EB US-50	1096+81.34	52.94' LT	1097+51.06	61.17' LT		70.0					2					0.4	55.7	P-14
WB US-50	1119+49.67	40.81' LT	1120+72.90	43.67' RT		123.0					2						32.9	P-15
EB US-50	1126+11.19	35.12' LT	1127+02.94	44.54' LT	92.0												61.7	P-16
EB US-50	1135+85.41	46.64' LT	1136+20.83	45.44' LT		28.0										0.4	44.3	P-17
EB US-50	1150+63.98	60.00' RT	1151+37.90	60.7' RT		74.0											92.8	P-18
WB US-50	1164+33.13	40.50' LT	1165+02.02	49.44' LT		69.0					2					0.4	33.7	P-19
EB US-50	1164+27.91	53.62' RT	1165+02.24	57.33' RT												1.0	88.7	P-20
EB US-50	1168+56.66	40.05' LT	1168+99.30	40.58' LT	43.0												44.3	P-21
EB US-50	1171+06.11	44.61' RT	1172+32.28	44.97' RT		126.0					2						50.7	P-22
TOTALS					231	1290	14	25	109	2	19	1	3	1	9	5.5	1469.2	
USE					231	1290	14	25	109	2	19	1	3	1	9	6	1469	

1 ADDED

1 REVISED

SUMMARY OF QUANTITIES SHEET 7 OF 10

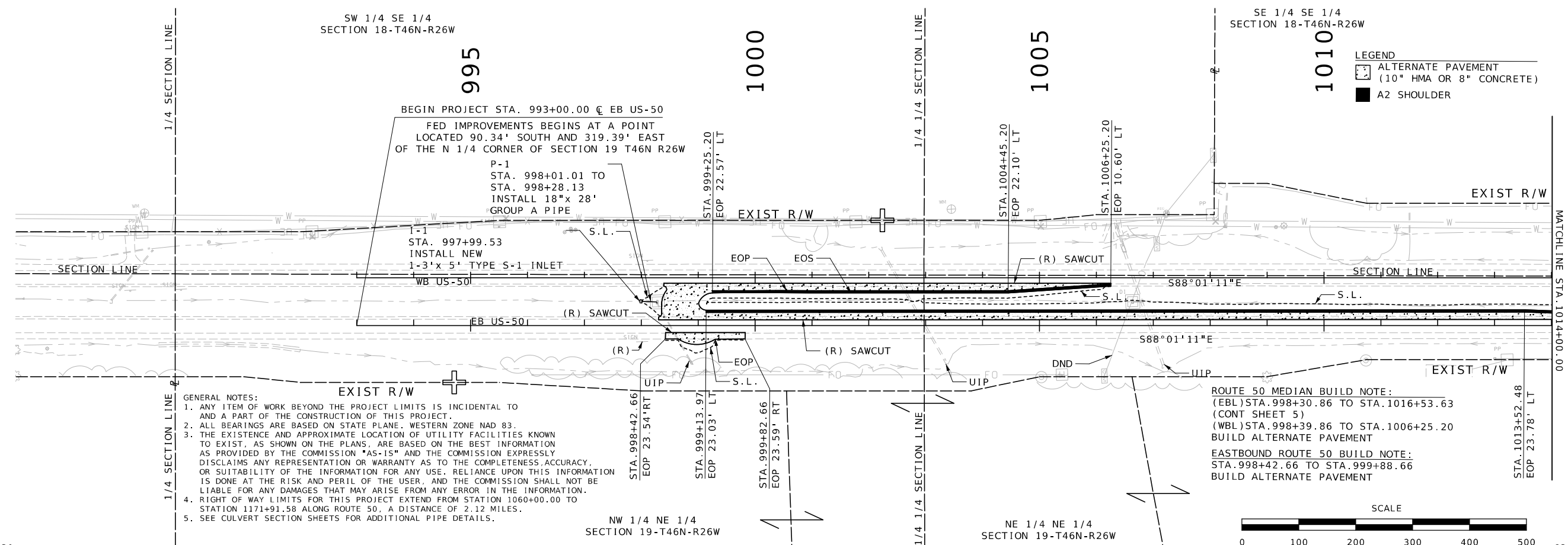


DATE PREPARED: 2/12/2025
 ROUTE: 50 STATE: MO
 DISTRICT: KC SHEET NO.: 3
 COUNTY: JOHNSON
 JOB NO.: JKR0136
 CONTRACT ID.:
 PROJECT NO.:
 BRIDGE NO.:

DESCRIPTION	REVISED	END SECTION	QUANTITY

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

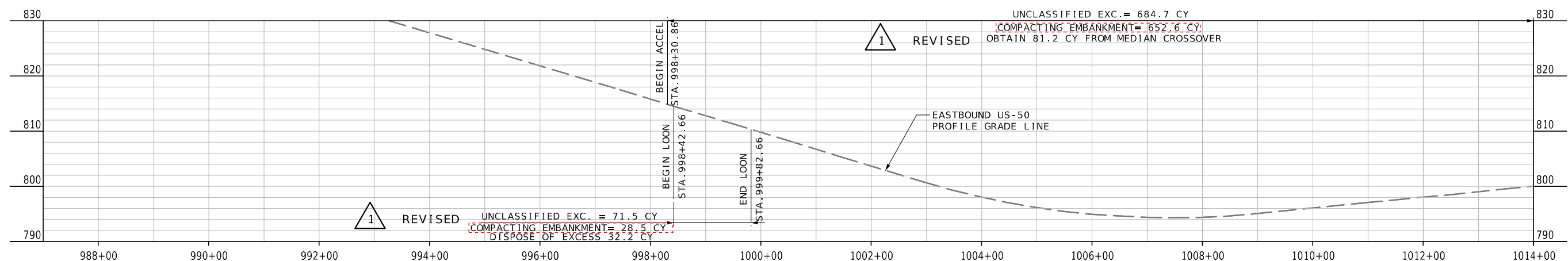
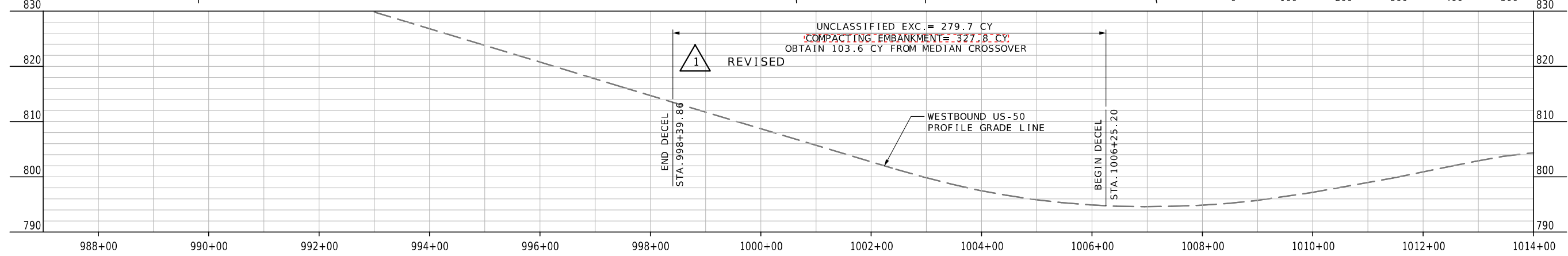
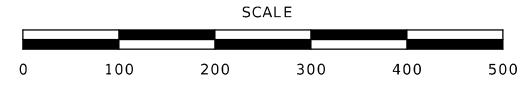
Bartlett & West
 601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 872-63-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM



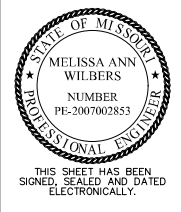
- GENERAL NOTES:
1. ANY ITEM OF WORK BEYOND THE PROJECT LIMITS IS INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.
 2. ALL BEARINGS ARE BASED ON STATE PLANE, WESTERN ZONE NAD 83.
 3. THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AS 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.
 4. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STATION 1060+00.00 TO STATION 1171+91.58 ALONG ROUTE 50, A DISTANCE OF 2.12 MILES.
 5. SEE CULVERT SECTION SHEETS FOR ADDITIONAL PIPE DETAILS.

ROUTE 50 MEDIAN BUILD NOTE:
 (EBL) STA. 998+30.86 TO STA. 1016+53.63
 (CONT SHEET 5)
 (WBL) STA. 998+39.86 TO STA. 1006+25.20
 BUILD ALTERNATE PAVEMENT

EASTBOUND ROUTE 50 BUILD NOTE:
 STA. 998+42.66 TO STA. 999+88.66
 BUILD ALTERNATE PAVEMENT



PLAN-PROFILE SHEET
SHEET 1 OF 7



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 4
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

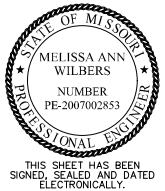
DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM



DATE PREPARED
2/11/2025

ROUTE 50 MO
DISTRICT KC SHEET NO. 5

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

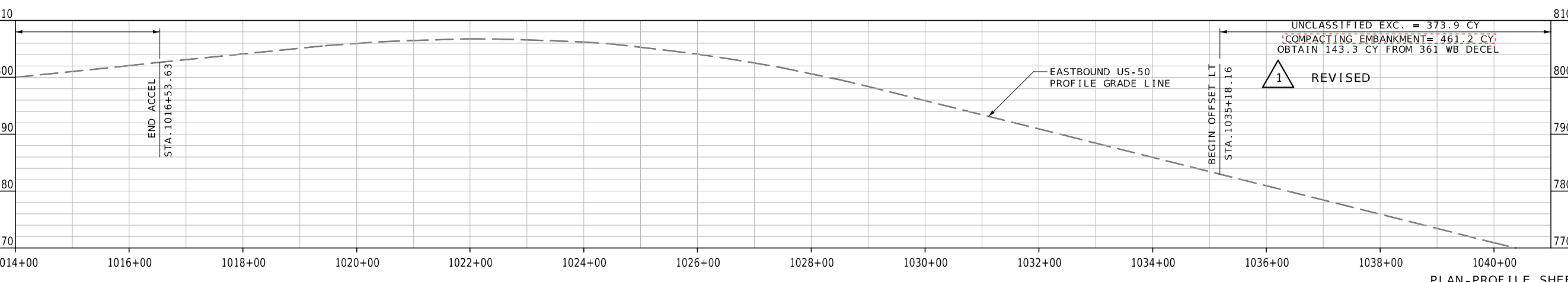
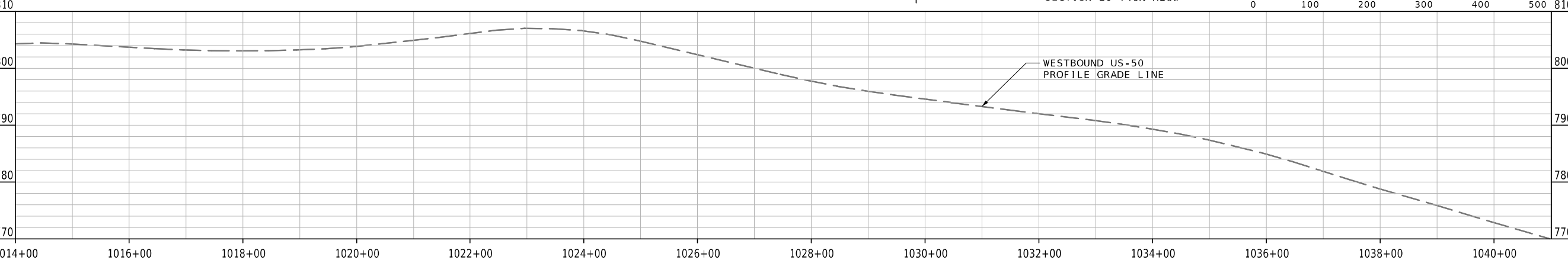
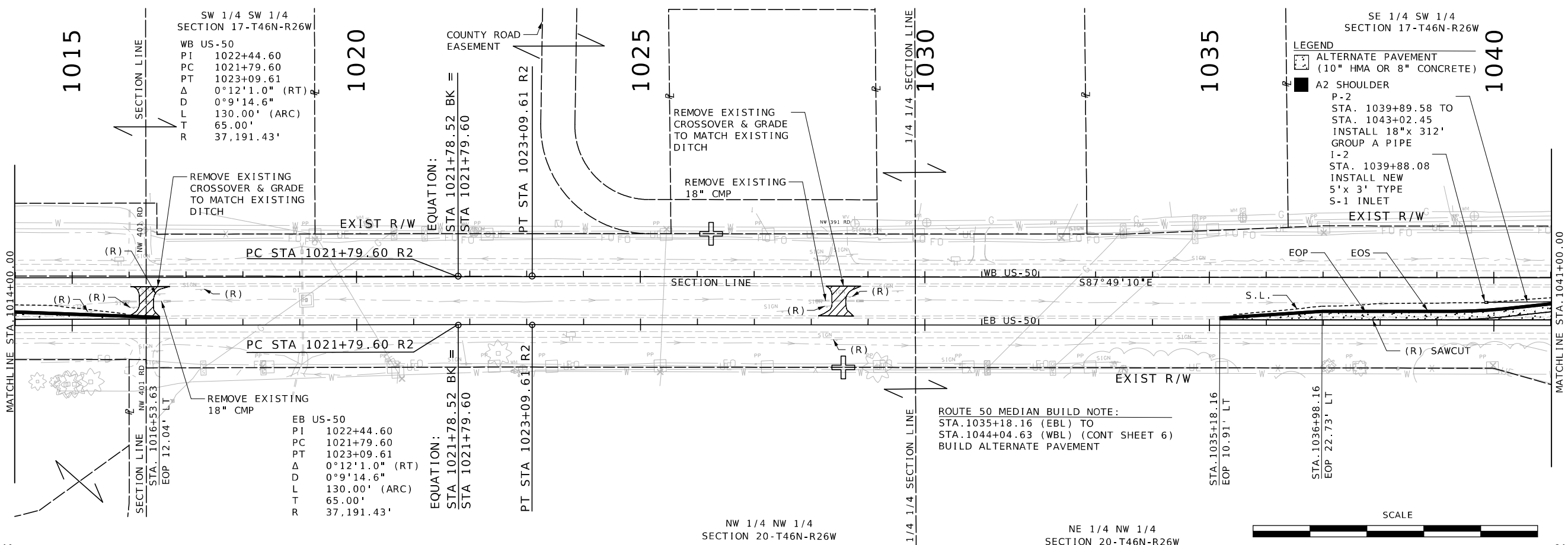
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

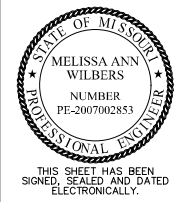
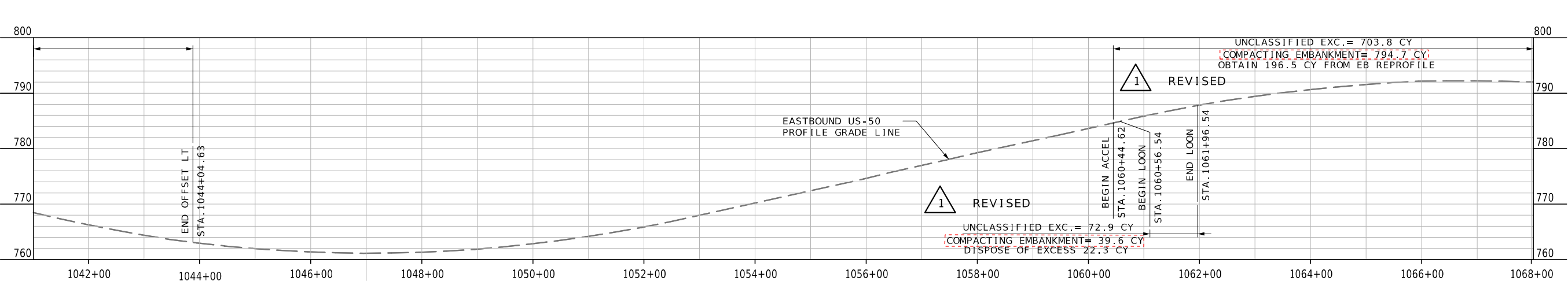
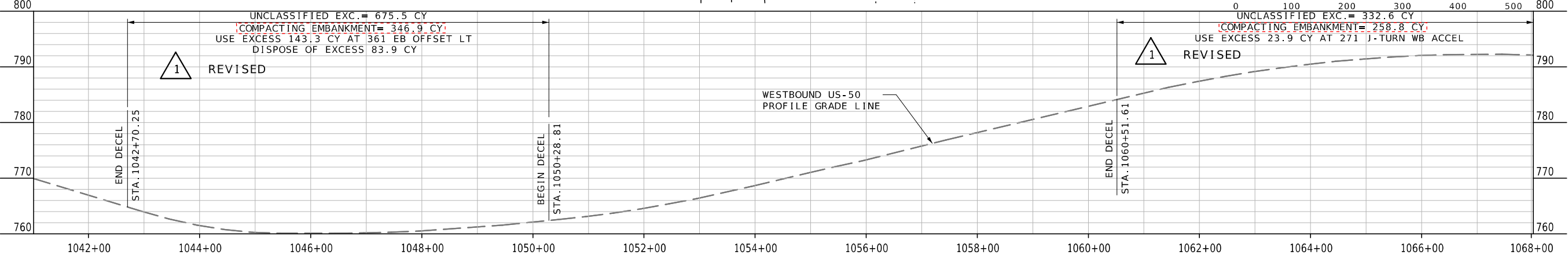
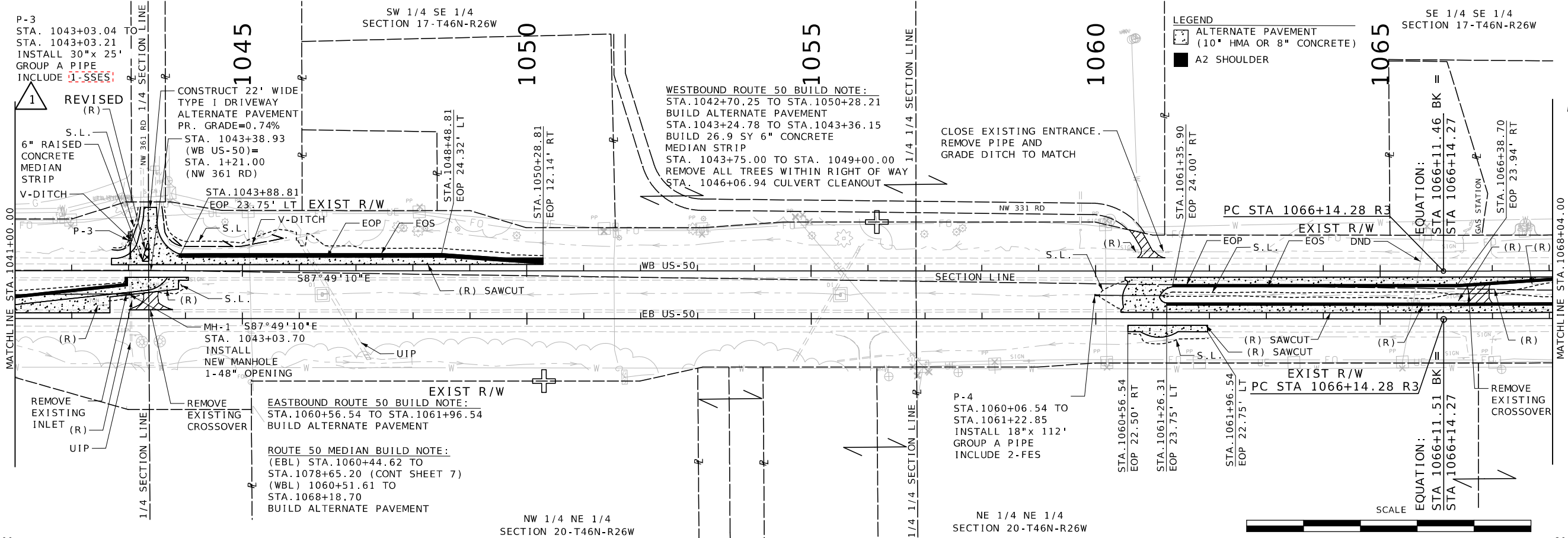
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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PLAN-PROFILE SHEET SHEET 2 OF 7



DATE PREPARED	2/12/2025	
ROUTE	50	STATE MO
DISTRICT	KC	SHEET NO. 6
COUNTY	JOHNSON	
JOB NO.	JKR0136	
CONTRACT ID.		
PROJECT NO.		
BRIDGE NO.		

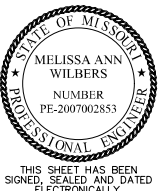
DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE
2/12/2025	REVISED CULVERT NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 872-634-5181
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2/11/2025

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 7

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

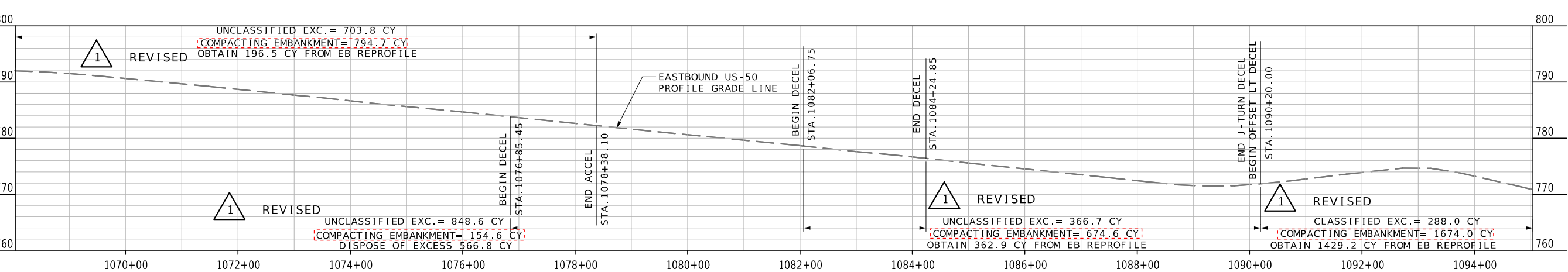
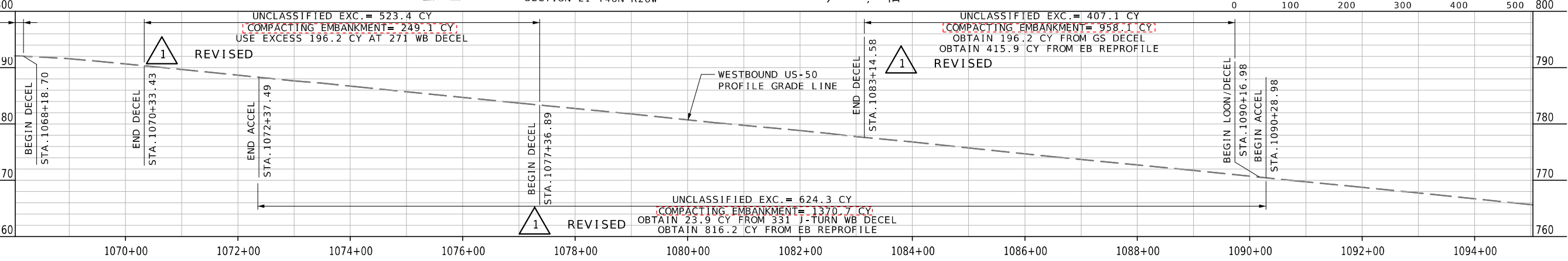
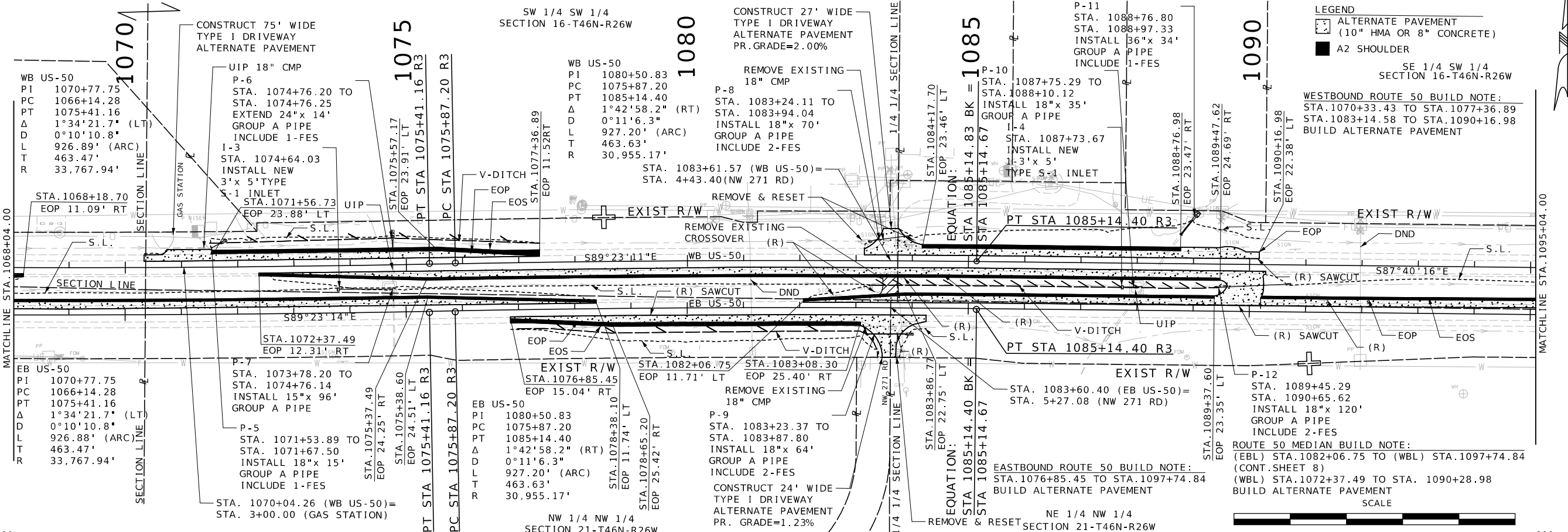
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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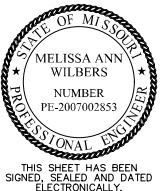
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PLAN-PROFILE SHEET SHEET 4 OF 7



DATE PREPARED
2/11/2025

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 8

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

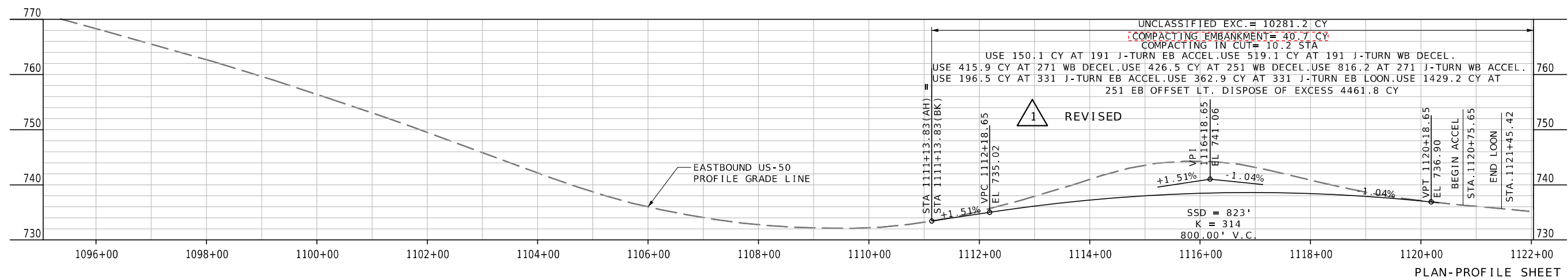
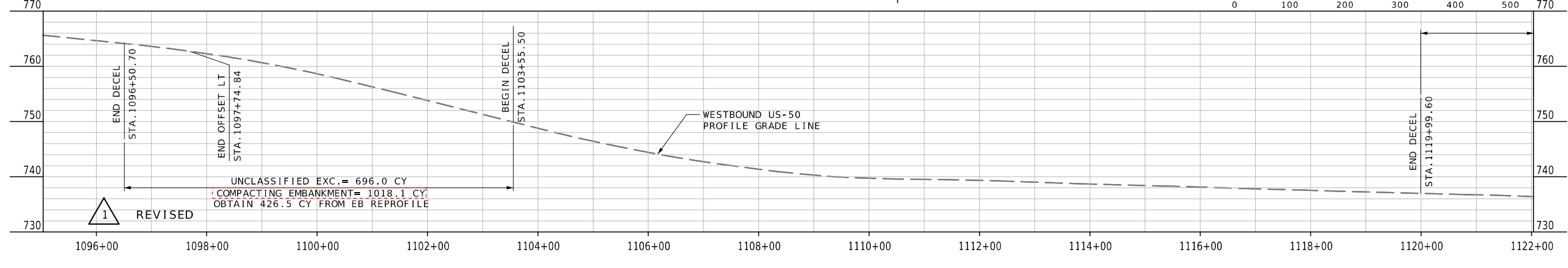
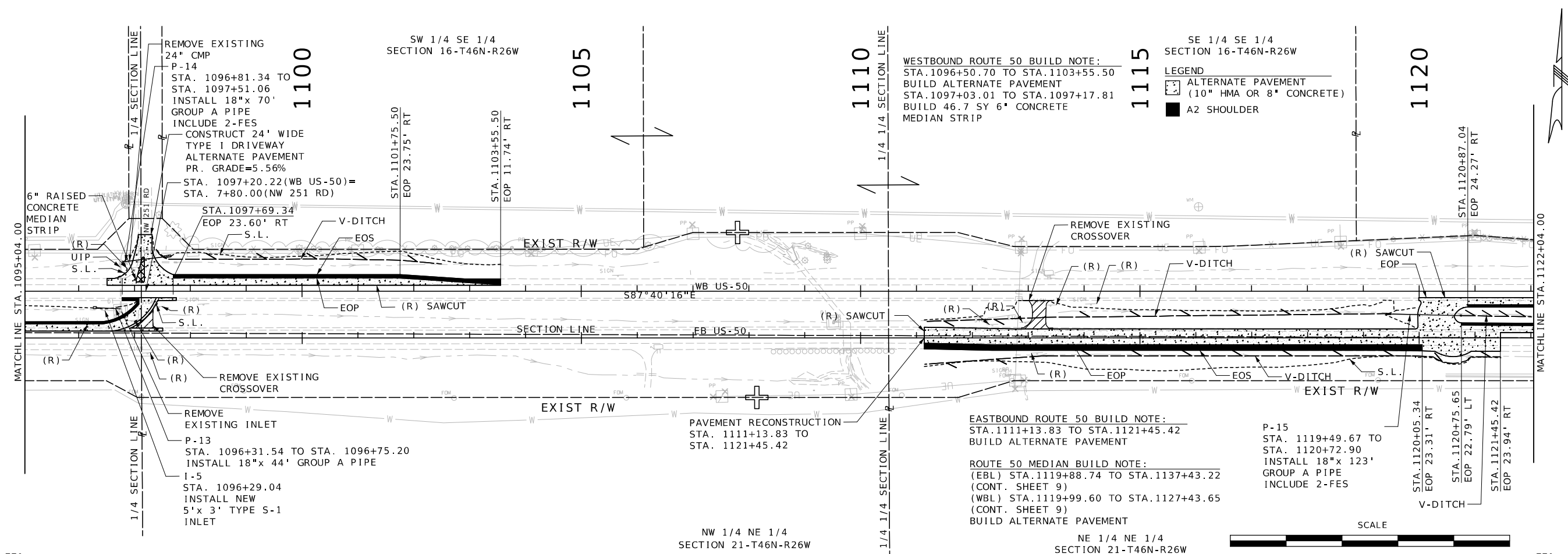
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

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MoDOT
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DATE PREPARED
2/11/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 9

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

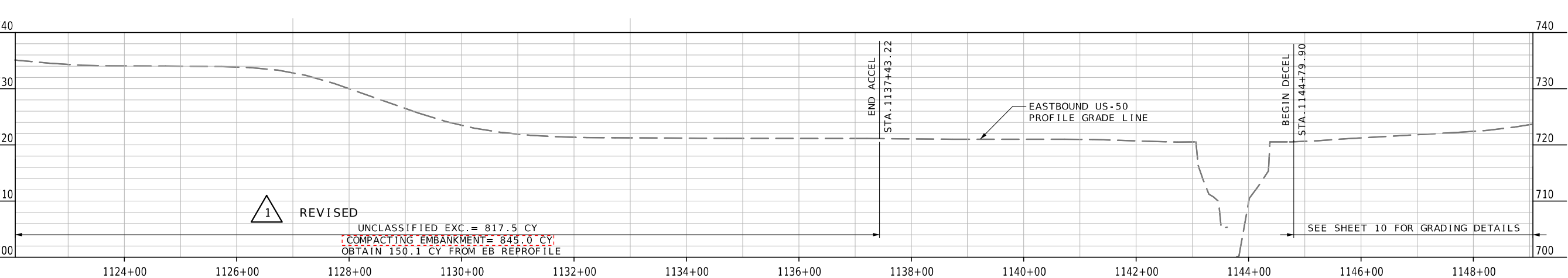
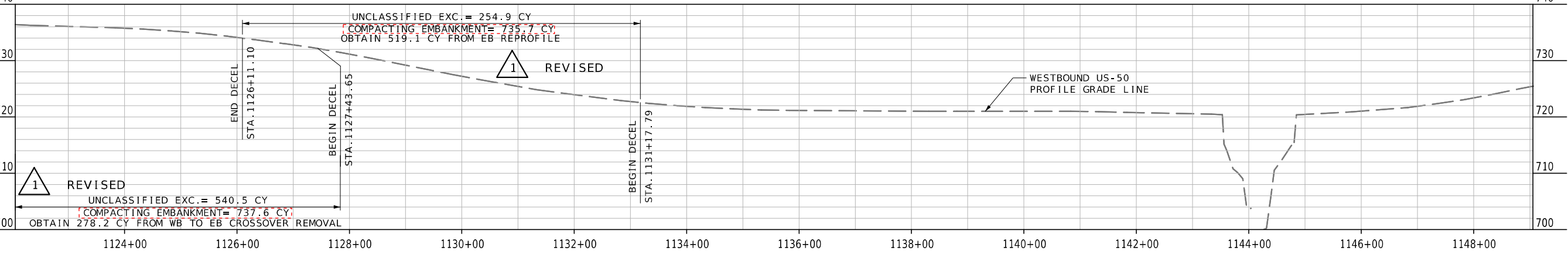
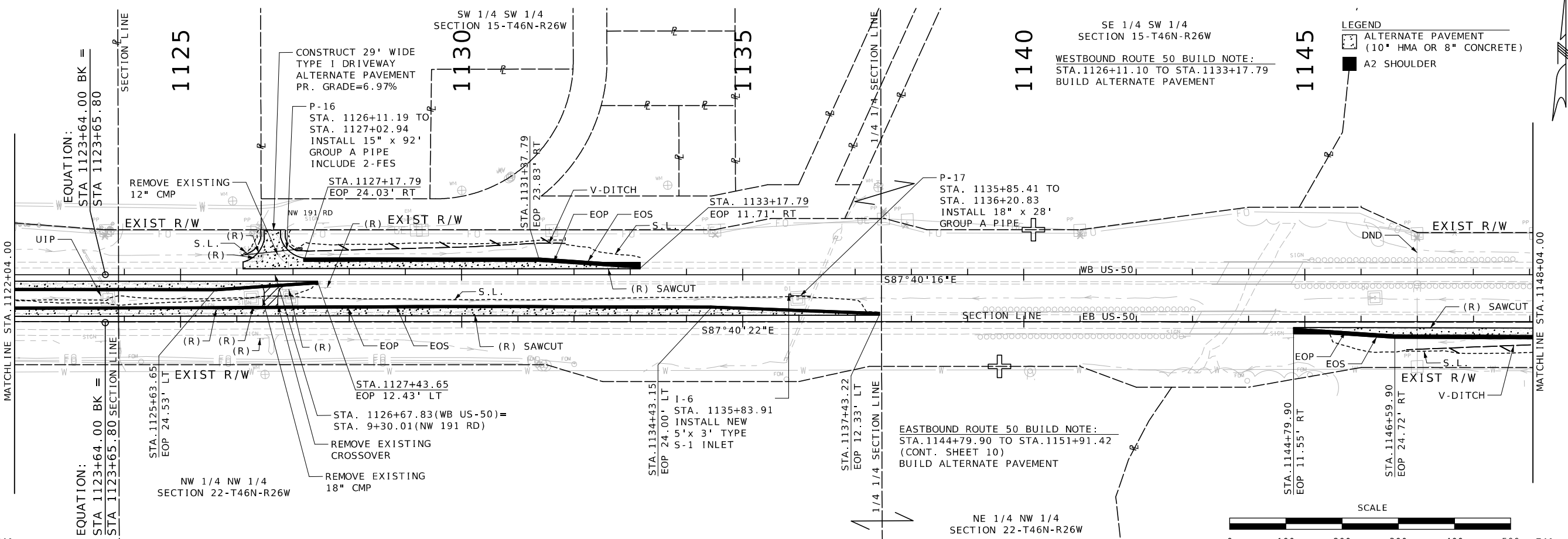
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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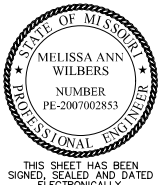
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PHONE 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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PLAN-PROFILE SHEET SHEET 6 OF 7



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DATE PREPARED 2/11/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 10

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

REVISIONS

DATE

2/11/2025

1

UNCLASSIFIED EXC= 456.5 CY

COMPACTING EMBANKMENT= 400.8 CY

OBTAIN 12.8 CY FROM 151' EB DECEL

1

UNCLASSIFIED EXC= 452.3 CY

COMPACTING EMBANKMENT= 567.4 CY

OBTAIN 182.9 CY FROM 121' EB DECEL

1

UNCLASSIFIED EXC= 442.1 CY

COMPACTING EMBANKMENT= 1237.8 CY

OBTAIN 464.6 CY FROM 151' EB DECEL. OBTAIN 397.4 CY FROM 121' EB DECEL

1

UNCLASSIFIED EXC= 962.5 CY

COMPACTING EMBANKMENT= 340.7 CY

USE 12.8 CY AT 121' WB DECEL. USE 464.6 CY AT 121' WB J-TURN ACCEL

1

UNCLASSIFIED EXC= 936.7 CY

COMPACTING EMBANKMENT= 118.0 CY

USE 397.4 CY AT 121' WB J-TURN ACCEL. USE 182.9 CY AT 121' EB DECEL. USE 97.9 CY AT 121' EB J-TURN DECEL

1

UNCLASSIFIED EXC= 380.7 CY

COMPACTING EMBANKMENT= 451.5 CY

EMBANKMENT IN PLACE= 281.7 CY OBTAIN 97.9 CY FROM 121' EB DECEL

1

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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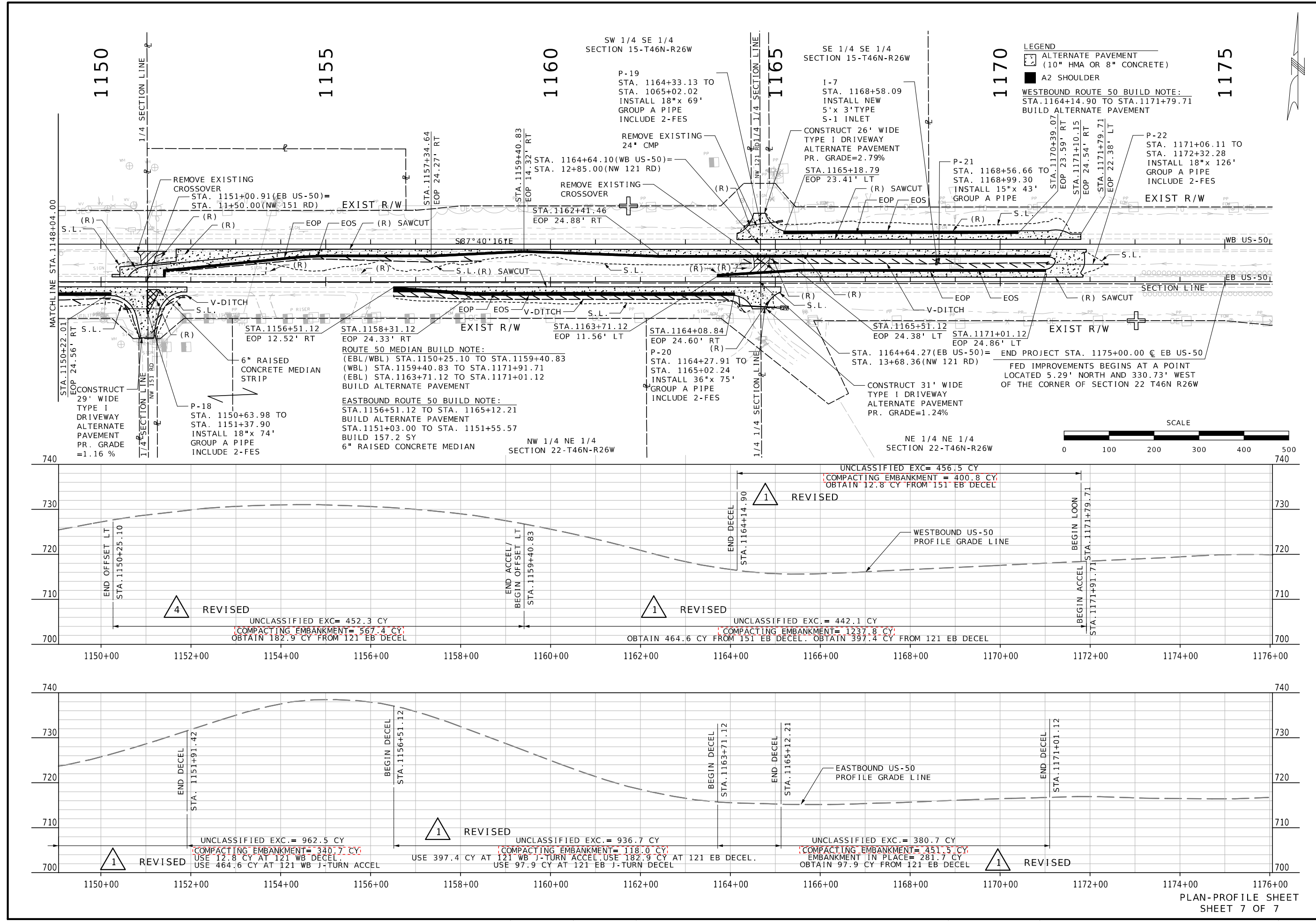
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PHONE 872-63-5181



CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING

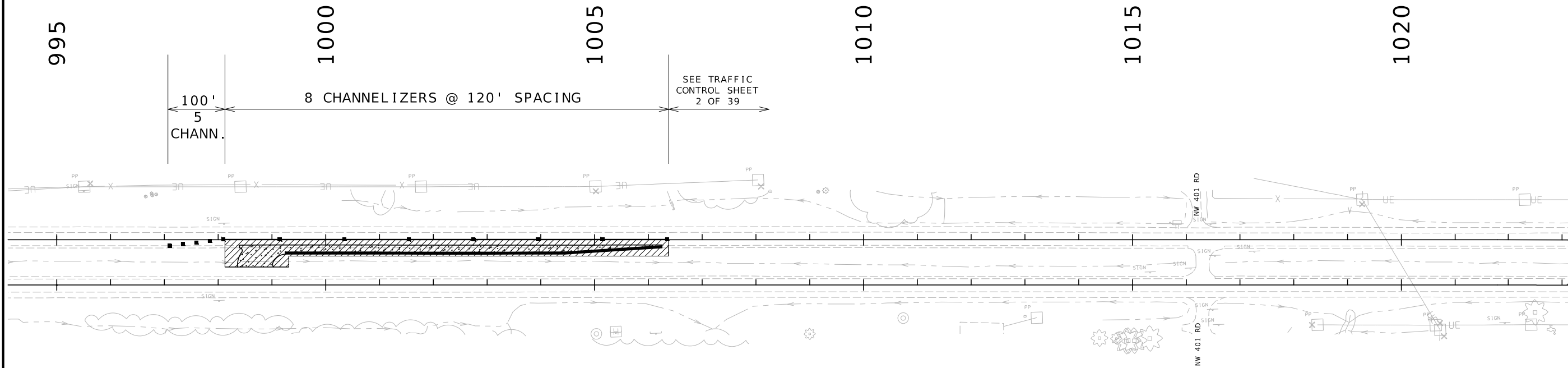
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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

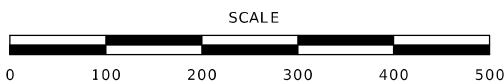


SEE TRAFFIC CONTROL SHEET 2 OF 39

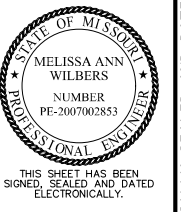
PHASE 1B:
 INSTALL DECELERATION LANE AND J-TURN CROSSOVER ADJACENT TO WESTBOUND LANES IN THE MEDIAN WITH SINGLE LANE DROP FOR WESTBOUND LANES OF US-50. MAINTAIN AT LEAST ONE 12-FOOT TRAVEL LANE.

EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 279.7 CY
 COMPACTING EMBANKMENT= 327.8 CY
 OBTAIN 103.6 CY FROM PHASE 1A (MEDIAN CROSSOVER)

 REVISED



TEMPORARY TRAFFIC CONTROL PHASE 1B SHEET 6 OF 39



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 39
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





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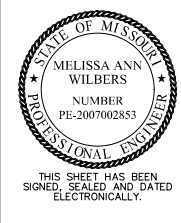
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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER



DATE PREPARED
2/11/2025

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 40

COUNTY JOHNSON
JOB NO. JKRO136
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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PHONE 672-654-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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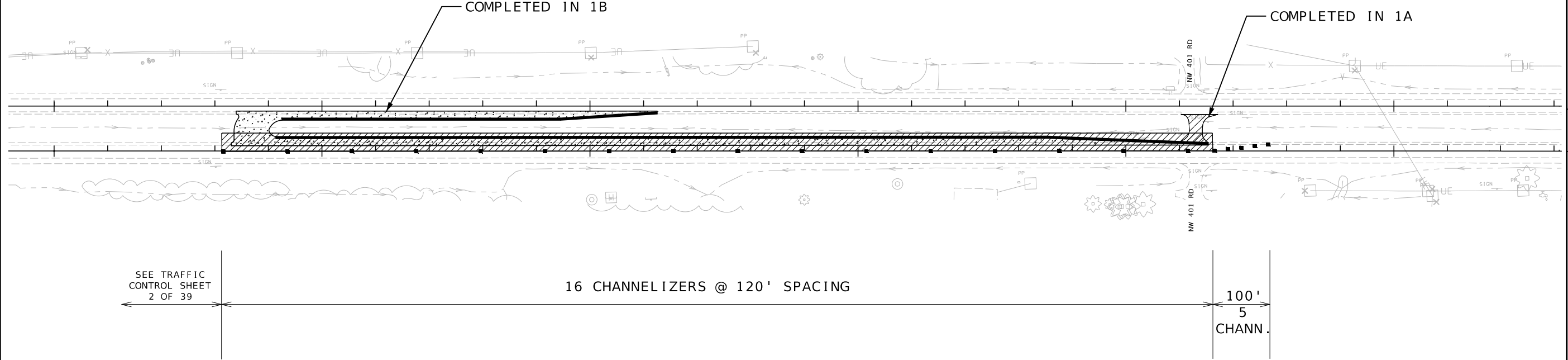
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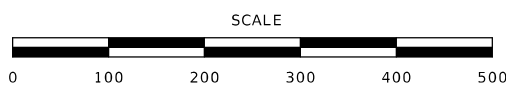
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1020



PHASE 1C:
INSTALL ACCELERATION LANE ADJACENT TO EASTBOUND LANES IN THE MEDIAN WITH A SINGLE LANE DROP MAINTAINING AT LEAST ONE 12-FOOT TRAVEL LANE.



EARTHWORK NOTES:
UNCLASSIFIED EXCAVATION= 684.7 CY
COMPACTING EMBANKMENT= 652.6 CY
OBTAIN 81.2 CY FROM PHASE 1A (MEDIAN CROSSOVER)



TEMPORARY
TRAFFIC CONTROL
PHASE 1C
SHEET 7 OF 39

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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

995

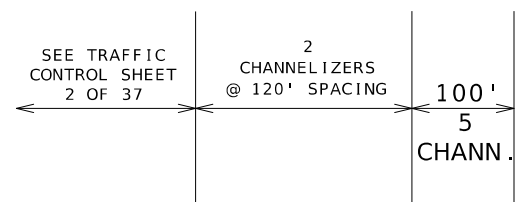
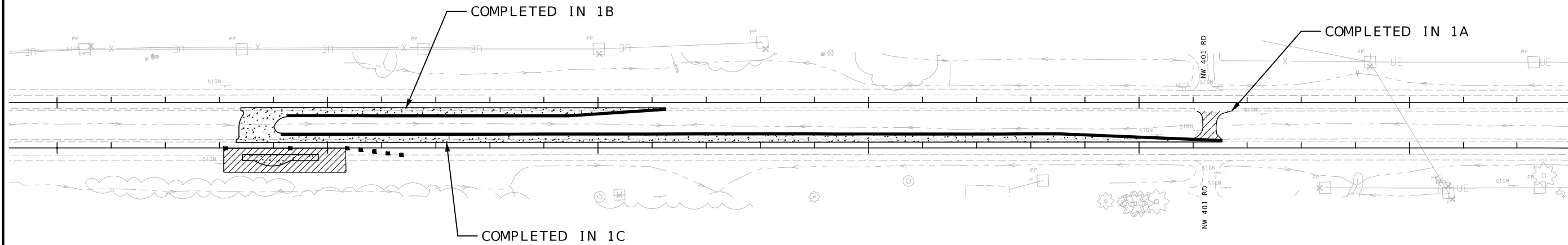
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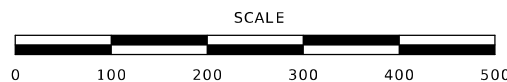


PHASE 1D:
 INSTALL OFF-TRACKING LOON ADJACENT TO THE DRIVING LANES OF EASTBOUND US-50 WITH A SINGLE LANE DROP MAINTAINING AT LEAST ONE 12-FOOT TRAVEL LANE.

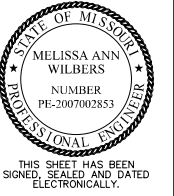
EARTHWORK NOTES:

UNCLASSIFIED EXCAVATION= 71.5 CY
 COMPACTING EMBANKMENT= 28.5 CY
 DISPOSE OF EXCESS 32.2 CY

1 REVISED



TEMPORARY
 TRAFFIC CONTROL
 PHASE 1D
 SHEET 8 OF 39



DATE PREPARED
2/11/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 41

COUNTY JOHNSON

JOB NO. JKRO136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

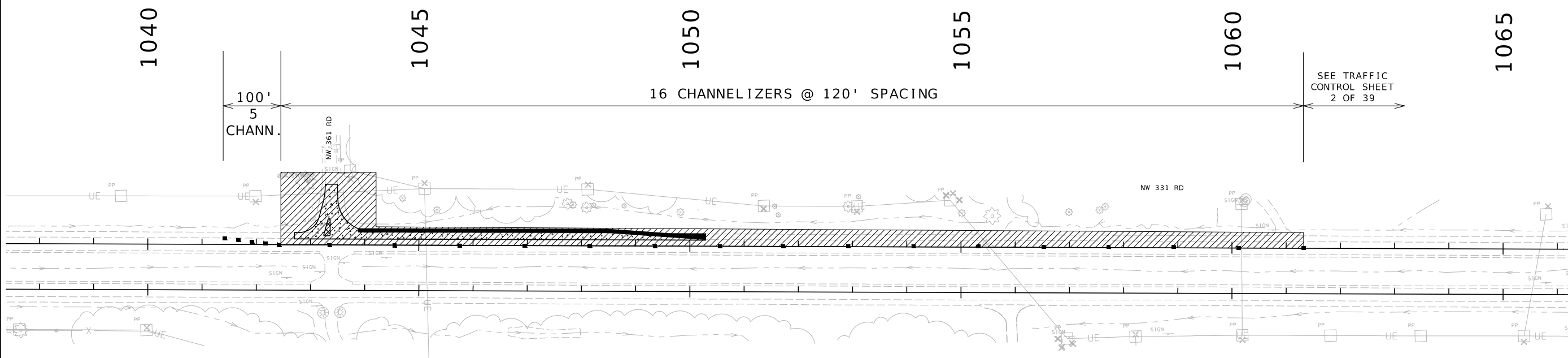
 105 WEST CAPITOL
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TRAFFIC CONTROL LEGEND

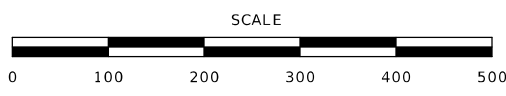
-  WORK ZONE
-  CHANNELIZER



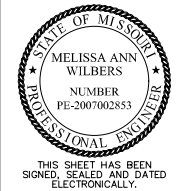
PHASE 2A:
 CONSTRUCT WESTBOUND DECELERATION LANE TO SIDE ROAD WITH NEW SIDE ROAD APRON. SINGLE LANE DROP MAINTAINING ONE LANE OF TRAVEL WESTBOUND ON US-50. MUST MAINTAIN ACCESS FOR LOCAL TRAFFIC ACCESSING SIDE ROAD. REMOVE NW 331 RD ACCESS TO US-50

EARTHWORK NOTES:
 361 WB DECEL
 UNCLASSIFIED EXCAVATION= 675.5 CY
 COMPACTING EMBANKMENT= 346.9 CY  REVISED
 USE 143.3 CY AT PHASE 2B (361 EB OFFSET LT)
 DISPOSE OF EXCESS 83.9 CY

NW 331 RD REMOVAL
 UNCLASSIFIED EXCAVATION= 62.6 CY



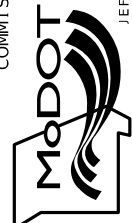
SEE TRAFFIC CONTROL SHEET 2 OF 39



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 42
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE
REVISED EARTHWORK NOTE	2/11/2025

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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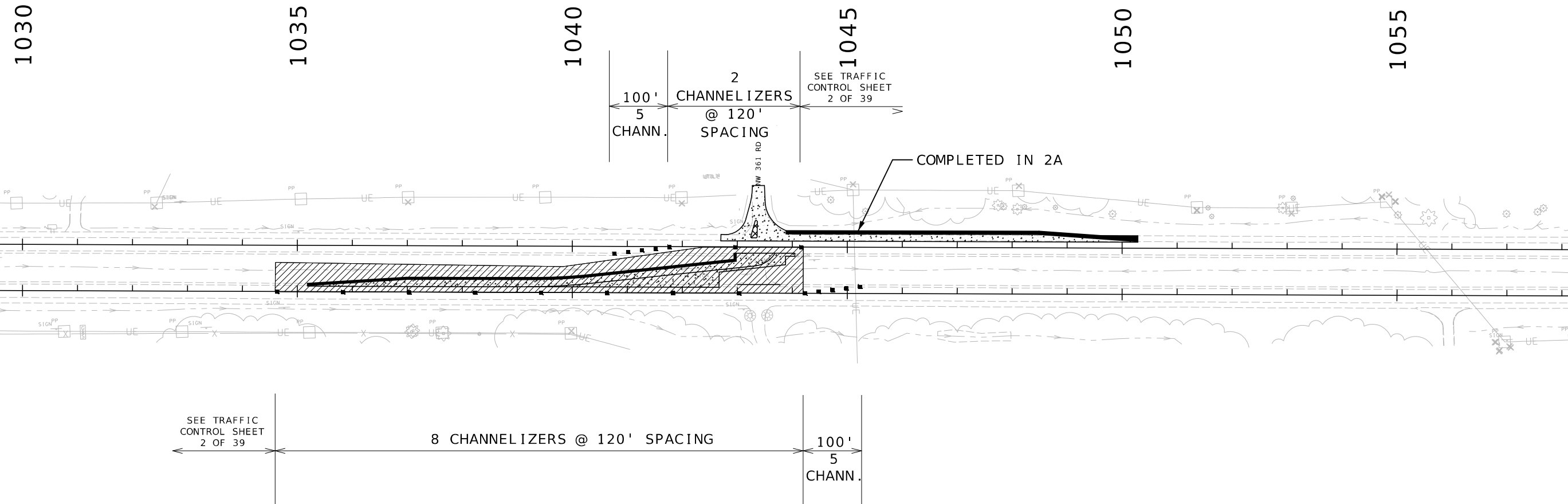
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TEMPORARY TRAFFIC CONTROL PHASE 2A SHEET 9 OF 39

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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER



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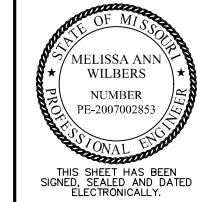
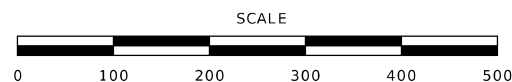
8 CHANNELIZERS @ 120' SPACING

100' 5 CHANN.

PHASE 2B:
 REMOVE EXISTING CROSSOVER AND CONSTRUCT LEFT TURN LANE USING ONE LANE DROP IN EACH DIRECTION AND MAINTAINING NO LESS THAN ONE LANE OF TRAVEL IN EACH DIRECTION.

EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 373.9 CY
 COMPACTING EMBANKMENT= 461.2 CY
 OBTAIN 143.3 CY FROM PHASE 2A (361 WB DECEL)

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DATE PREPARED
2/11/2025

ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 43
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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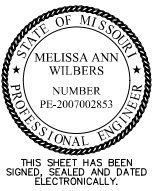
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TEMPORARY
 TRAFFIC CONTROL
 PHASE 2B
 SHEET 10 OF 39

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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER



DATE PREPARED
2/11/2025

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	44

COUNTY
JOHNSON
JOB NO.
JKR0136
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

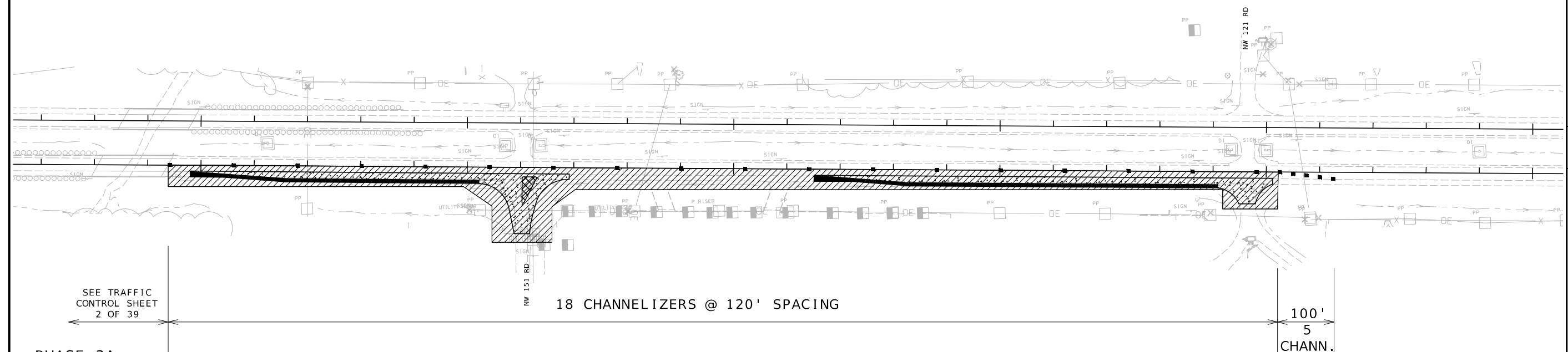
DESCRIPTION	DATE
REVISED EARTHWORK NOTE	2/11/2025

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1145 1150 1155 1160 1165 1170



SEE TRAFFIC CONTROL SHEET 2 OF 39

18 CHANNELIZERS @ 120' SPACING

100'
5
CHANN.

PHASE 3A:
 CONSTRUCT EB 151 DECELERATION LANE, EB 121 DECELERATION LANE AND SIDE ROAD APPROACHES ALONG THE SOUTH SIDE OF THE EASTBOUND LANES OF US-50. MAINTAIN AT LEAST ONE 12-FOOT LANE AND ACCESS FOR LOCAL TRAFFIC TO SIDE ROADS.

EARTHWORK NOTES:
 151 EB DECEL
 UNCLASSIFIED EXCAVATION= 962.5 CY
 COMPACTING EMBANKMENT= 340.7 CY
 USE 12.8 CY AT PHASE 3B (121 WB DECEL), USE 464.6 CY AT PHASE 3D (121 J-TURN WB ACCEL)





121 EB DECEL
 UNCLASSIFIED EXCAVATION= 936.7 CY
 COMPACTING EMBANKMENT= 118.0 CY
 USE 182.9 CY AT PHASE 3B (151 WB OFFSET LT), USE 397.4 CY AT PHASE 3D (121 J-TURN WB ACCEL), USE 97.9 CY AT PHASE 3E (121 EB J-TURN DECEL)

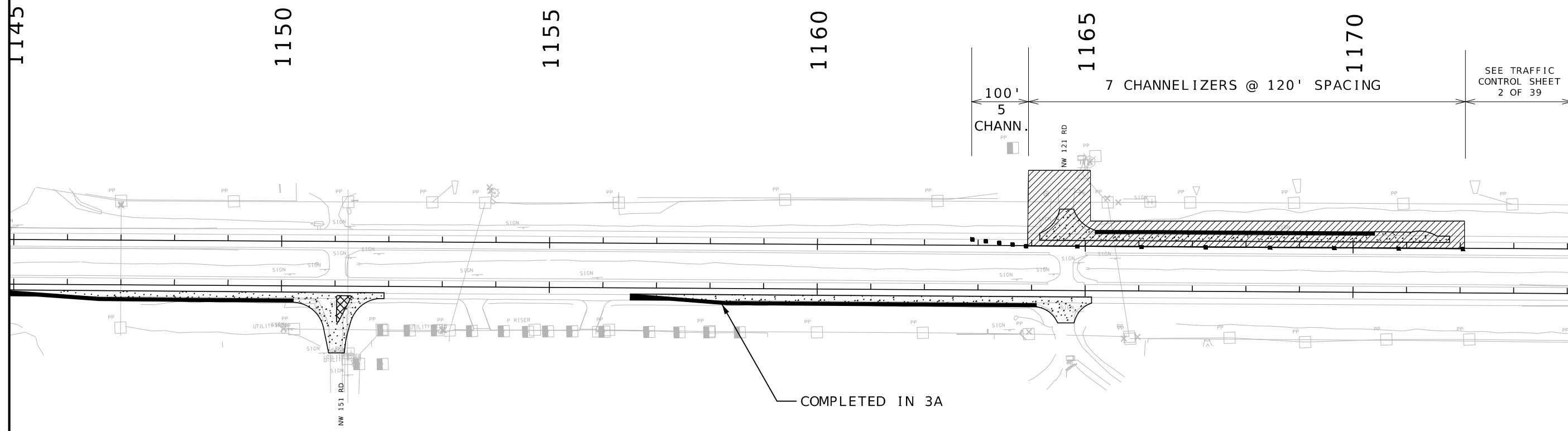


TEMPORARY TRAFFIC CONTROL
 PHASE 3A
 SHEET 11 OF 39

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TRAFFIC CONTROL LEGEND

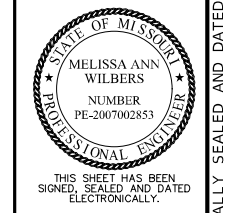
-  WORK ZONE
-  CHANNELIZER



COMPLETED IN 3A

PHASE 3B:
 CONSTRUCT WESTBOUND DECELERATION LANE WITH LOON AND SIDE ROAD APPROACH.
 CONTRACTOR MUST MAINTAIN ACCESS TO LOCAL TRAFFIC.
 CONTRACTOR MUST MAINTAIN ONE 12-FOOT TRAVEL LANE ON US-50.


EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 456.5 CY
 COMPACTING EMBANKMENT= 400.8 CY  REVISED
 OBTAIN 12.8 CY FROM PHASE 3A (151 EB DECEL)



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 45
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



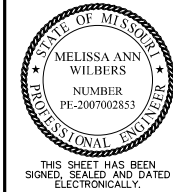
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TEMPORARY
 TRAFFIC CONTROL
 PHASE 3B
 SHEET 12 OF 39

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DATE PREPARED
2/11/2025

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 47

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

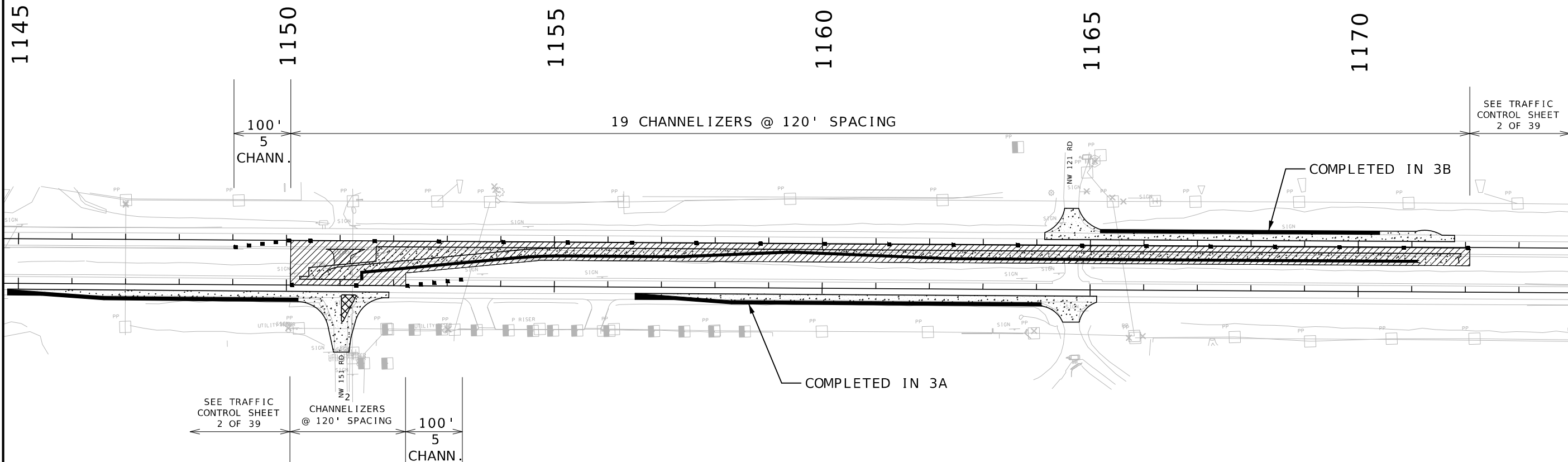
Bartlett & West

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PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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TRAFFIC CONTROL LEGEND

- WORK ZONE
- CHANNELIZER



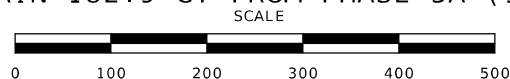
PHASE 3D:
CONSTRUCT ACCELERATION LANE FOR J-TURN ADJACENT TO WESTBOUND LANES OF US-50. MAINTAIN AT LEAST ONE 12 FOOT TRAVEL LANE FOR WESTBOUND US-50.

CONSTRUCT WESTBOUND LEFT TURN LANE. MAINTAIN AT LEAST ONE 12-FOOT TRAVEL LANE FOR WESTBOUND US-50.

EARTHWORK NOTES:



121 J-TURN WB ACCELERATION LANE
UNCLASSIFIED EXCAVATION= 442.1 CY
COMPACTING EMBANKMENT= 1237.8 CY REVISED
OBTAIN 464.6 CY FROM PHASE 3A (151 EB DECEL)
OBTAIN 397.4 CY FROM PHASE 3A (121 EB DECEL)

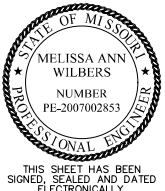
151 WB OFFSET LT
UNCLASSIFIED EXCAVATION= 452.3 CY
COMPACTING EMBANKMENT= 567.4 CY REVISED
OBTAIN 182.9 CY FROM PHASE 3A (121 EB DECEL)



TEMPORARY
TRAFFIC CONTROL
PHASE 3D
SHEET 14 OF 39

TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER



DATE PREPARED
2/11/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 48

COUNTY JOHNSON

JOB NO. JK0136

CONTRACT ID.


PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE
REVISED EARTHWORK NOTE	2/11/2025

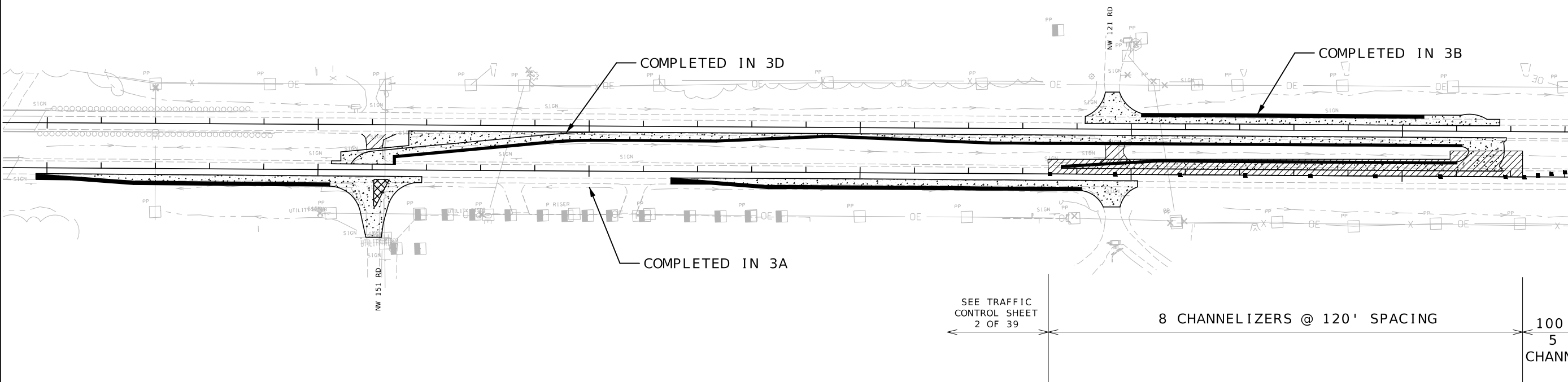
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JEFFERSON CITY, MO 65102
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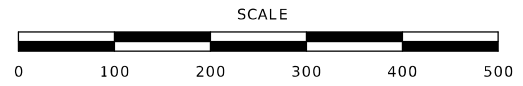
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PHONE 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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1145 1150 1155 1160 1165 1170



PHASE 3E:
CONSTRUCT J-TURN AND DECELERATION LANE
ADJACENT TO EASTBOUND LANES OF US-50. MAINTAIN AT
LEAST ONE 12-FOOT TRAVEL LANE FOR EASTBOUND US 50.

EARTHWORK NOTES:
UNCLASSIFIED EXCAVATION= 380.7 CY
COMPACTING EMBANKMENT= 451.5 CY
EMBANKMENT IN PLACE= 281.7 CY
OBTAIN 97.9 CY FROM PHASE 3A (121 EB DECEL)





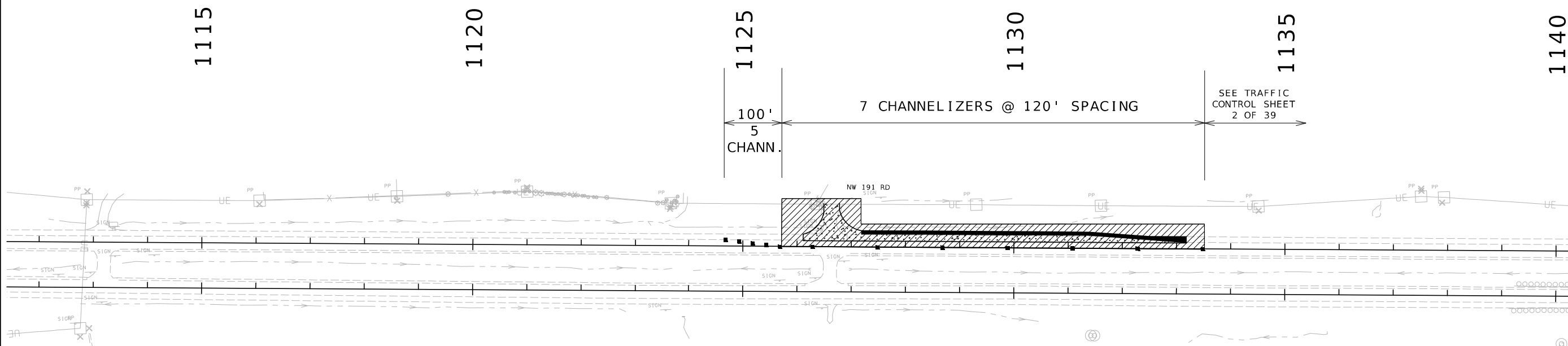
 REVISED

TEMPORARY
TRAFFIC CONTROL
PHASE 3E
SHEET 15 OF 39

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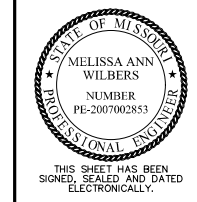
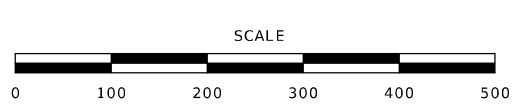
TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER



PHASE 4A:
 CONSTRUCT WESTBOUND DECELERATION LANE AND SIDE ROAD APPROACH.
 CONTRACTOR MUST MAINTAIN ACCESS TO LOCAL TRAFFIC.
 CONTRACTOR MUST MAINTAIN ONE 12-FOOT TRAVEL LANE ON US-50.


EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 540.5 CY
 COMPACTING EMBANKMENT= 737.6 CY
 OBTAIN 278.2 CY FROM WB TO EB CROSSOVER



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 49
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE
REVISED EARTHWORK NOTE	2/11/2025

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
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

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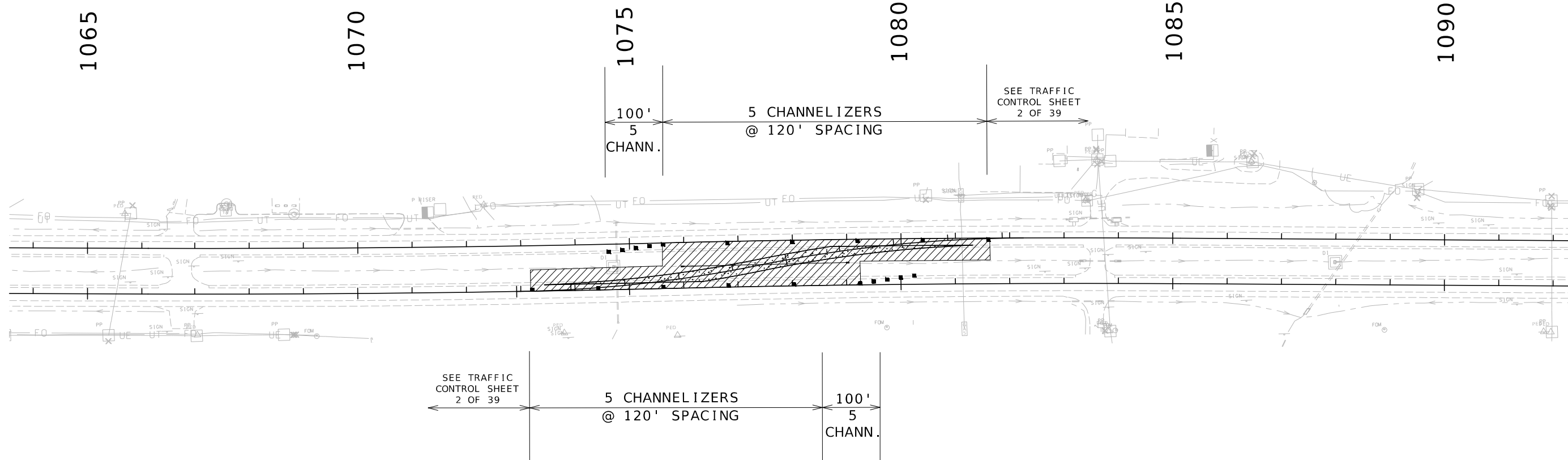
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TEMPORARY
 TRAFFIC CONTROL
 PHASE 4A
 SHEET 16 OF 39

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TRAFFIC CONTROL LEGEND

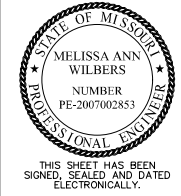
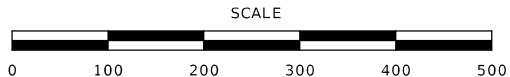
-  WORK ZONE
-  CHANNELIZER



PHASE 4C:
BUILD EASTBOUND TO WESTBOUND TEMPORARY CROSSOVER.

EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 140.0 CY
 COMPACTING EMBANKMENT= 119.0 CY
 EMBANKMENT IN PLACE= 304.9 CY
 DISPOSE OF EXCESS 304.9 CY DURING CROSSOVER REMOVAL


 REVISED



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 51
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

1120

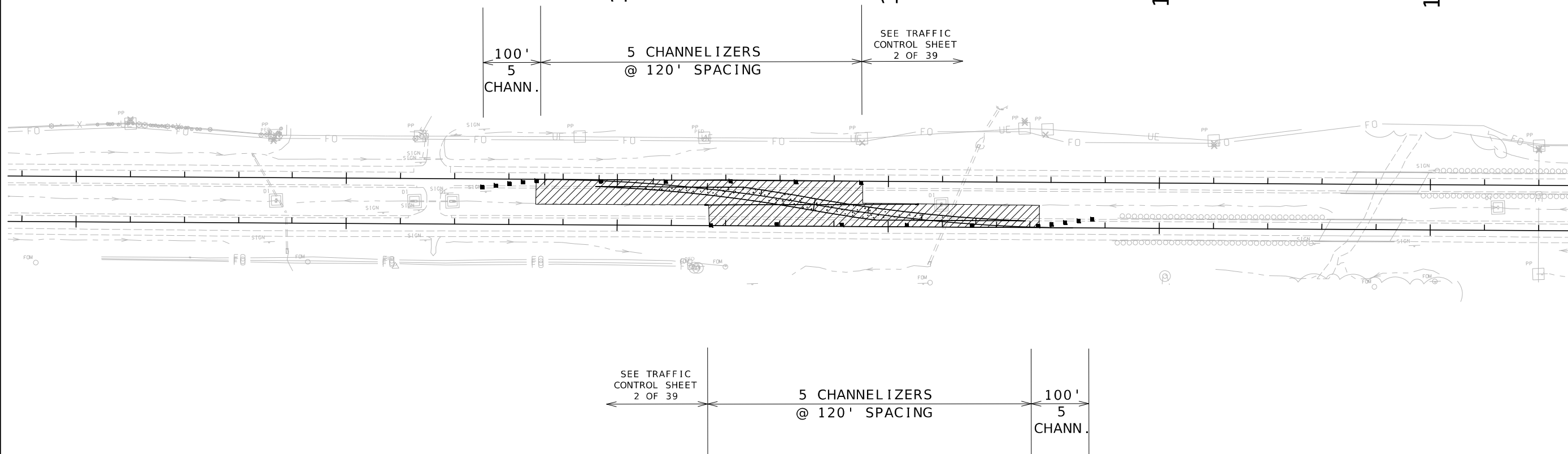
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1135

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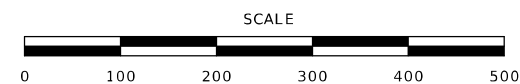
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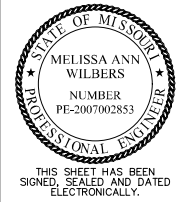
PHASE 4C:
BUILD WESTBOUND TO EASTBOUND TEMPORARY CROSSOVER.

EARTHWORK NOTES:

- UNCLASSIFIED EXCAVATION= 134.4 CY
- COMPACTING EMBANKMENT= 114.2 CY
- EMBANKMENT IN PLACE= 723.5 CY
- USE 278.2 CY AT 191 WB DECEL DURING CROSSOVER REMOVAL
- DISPOSE OF EXCESS 445.3 CY DURING CROSSOVER REMOVAL



TEMPORARY
TRAFFIC CONTROL
PHASE 4C
SHEET 19 OF 39



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 52
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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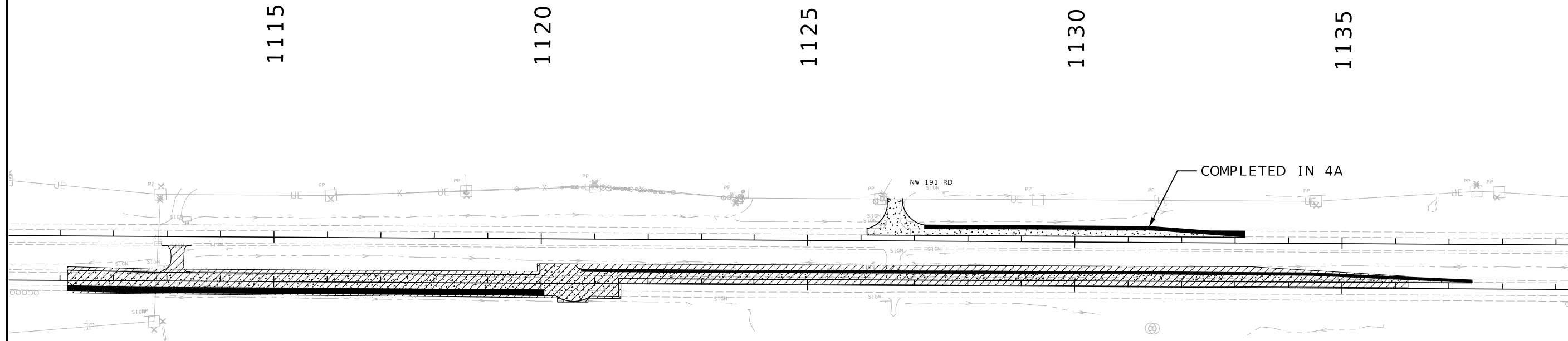
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CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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
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
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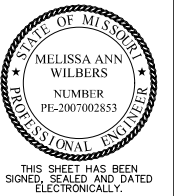
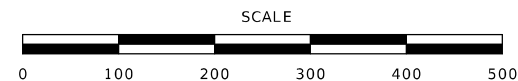
-  WORK ZONE
-  CHANNELIZER



PHASE 4D:
 CLOSE EASTBOUND US-50.
 CONSTRUCT EASTBOUND US-50 CURVE ALIGNMENT,
 J-TURN, ACCELERATION LANE, AND LOON ADJACENT
 TO EASTBOUND LANES OF US-50.
 CLOSE EASTBOUND US-50. SEE TEMPORARY TRAFFIC
 CONTROL SHEET 28 TO 37 FOR CLOSURE DETAILS.

EARTHWORK NOTES:
 EB REPROFILE
 UNCLASSIFIED EXCAVATION= 10281.2 CY
 COMPACTING EMBANKMENT= 40.7 CY  REVISED
 SEE PLAN-PROFILE SHEET 5 OF 7 FOR EARTHWORK DISTRIBUTION

191 J-TURN EB ACCEL
 UNCLASSIFIED EXCAVATION= 817.5 CY
 COMPACTING EMBANKMENT= 845.0 CY  REVISED
 OBTAIN 150.1 FROM REPROFILE



DATE PREPARED
2/11/2025

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 53

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE
REVISOR	
REVISION	
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REVISION	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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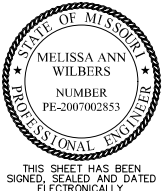
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TEMPORARY
 TRAFFIC CONTROL
 PHASE 4D
 SHEET 20 OF 39

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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER




DATE PREPARED
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ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	54

COUNTY
JOHNSON
JOB NO.
JKR0136
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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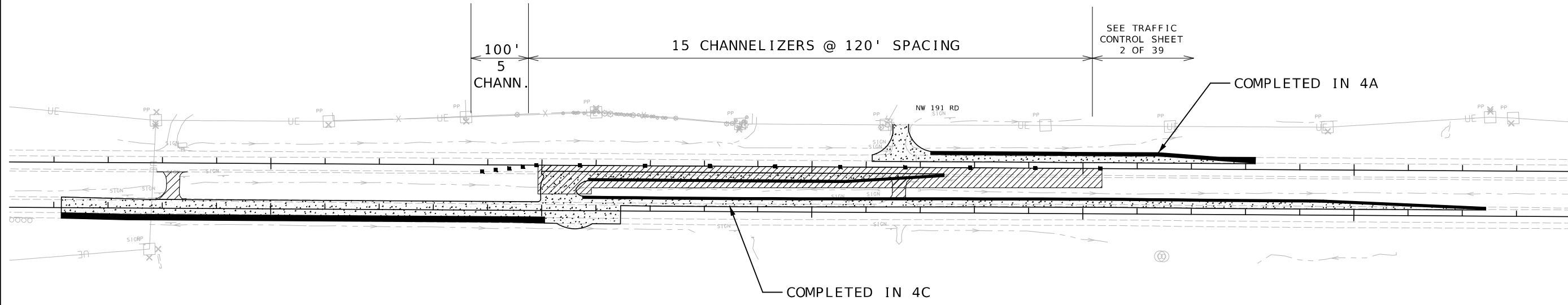
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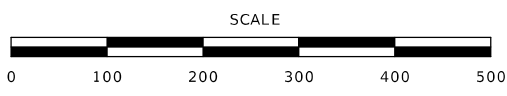
1130

1135



PHASE 4E:
 CONSTRUCT DECELERATION LANE FOR J-TURN ADJACENT TO WESTBOUND LANES OF US-50.
 MAINTAIN AT LEAST ONE 12-FOOT TRAVEL LANE FOR WESTBOUND US-50.



EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 254.9 CY
 COMPACTING EMBANKMENT= 735.7 CY
 OBTAIN 519.1 CY FROM PHASE 4C (EB REPROFILE/191 J-TURN EB ACCEL LANE)



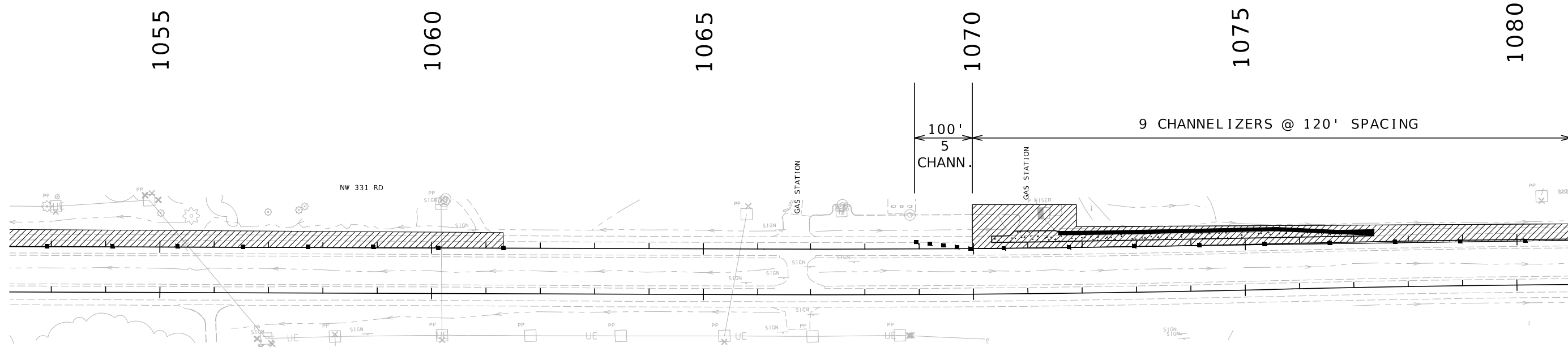
TEMPORARY
 TRAFFIC CONTROL
 PHASE 4E
 SHEET 21 OF 37

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

TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER


FINAL PHASE: REMOVE ALL REMAINING CROSSOVERS AND ACCESS LOCATIONS THAT ARE BEING REMOVED.

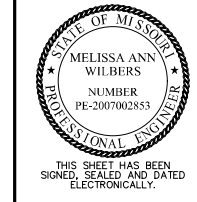
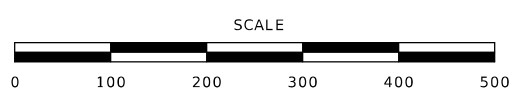


MATCHLINE STA. 1081+00.00

PHASE 5A:
CONSTRUCT 3 DECELERATION LANES FOR WESTBOUND US-50 WITH SIDE ROAD APPROACH PAVEMENT.

EARTHWORK NOTES:
GAS STATION WB DECEL
UNCLASSIFIED EXCAVATION= 523.9 CY
COMPACTING EMBANKMENT= 249.1 CY
USE 196.2 CY AT PHASE 5A (271 WB DECEL)

 REVISED



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 55
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



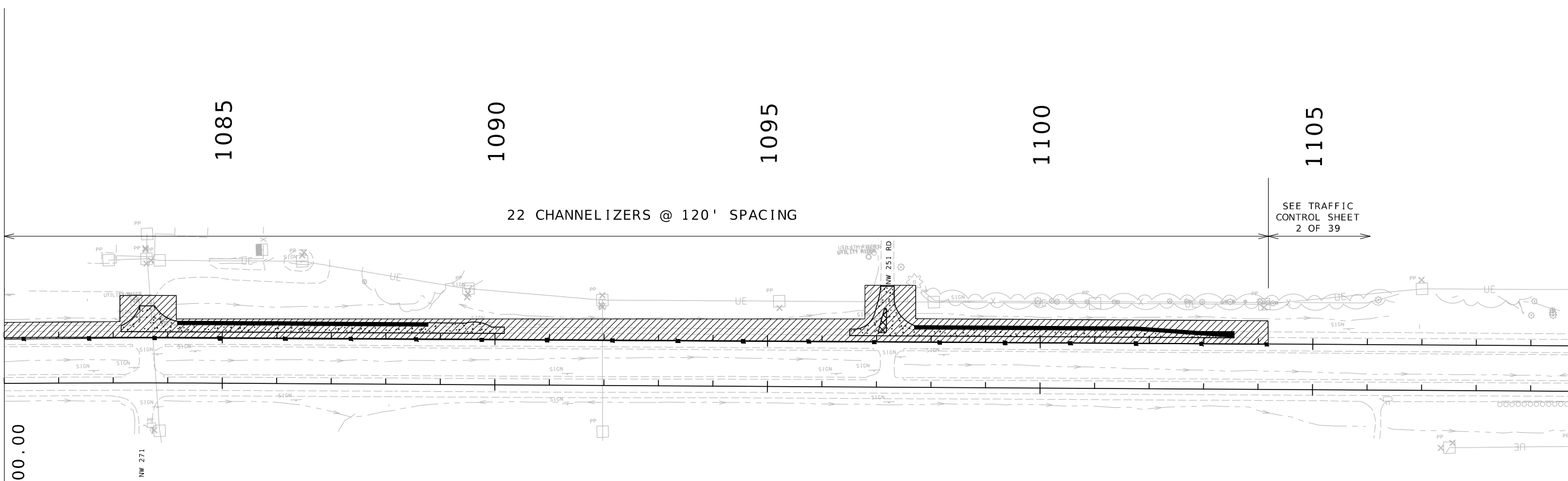
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TEMPORARY
TRAFFIC CONTROL
PHASE 5A
SHEET 22 OF 39

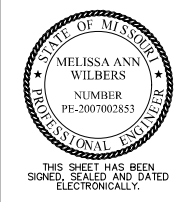
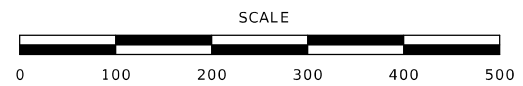
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EARTHWORK NOTES:
 271 WB DECEL
 UNCLASSIFIED EXCAVATION= 407.1 CY
 COMPACTING EMBANKMENT= 958.1 CY 1 REVISED
 OBTAIN 196.2 CY FROM PHASE 5A (GAS STATION WB DECEL)
 OBTAIN 415.9 CY FROM PHASE 4C (EB REPROFILE)

251 WB DECEL
 UNCLASSIFIED EXCAVATION= 696.0 CY
 COMPACTING EMBANKMENT= 1018.1 CY 1 REVISED
 OBTAIN 426.5 CY FROM PHASE 4C (EB REPROFILE)



DATE PREPARED
2/11/2025

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	56

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



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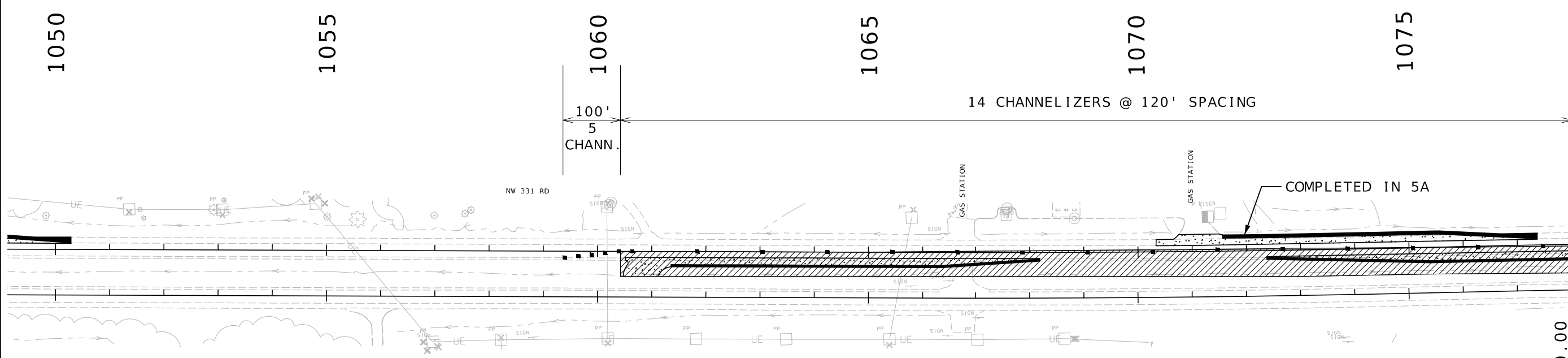
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TEMPORARY
TRAFFIC CONTROL
PHASE 5A
SHEET 23 OF 39

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TRAFFIC CONTROL LEGEND

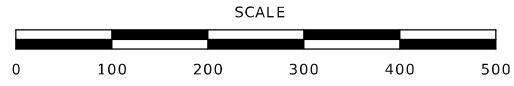
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-  CHANNELIZER




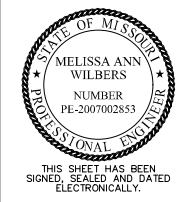
MATCHLINE STA. 1078+00.00

PHASE 5B:
 CONSTRUCT ACCELERATION AND DECELERATION LANES
 AND J-TURN CROSSOVERS ADJACENT TO WESTBOUND LANES OF US-50.

EARTHWORK NOTES:
 331 J-TURN WB DECEL
 UNCLASSIFIED EXCAVATION= 332.6 CY
 COMPACTING EMBANKMENT= 258.8 CY
 USE 23.9 CY IN PHASE 5B (271 J-TURN EB ACCEL)



 REVISED



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 57
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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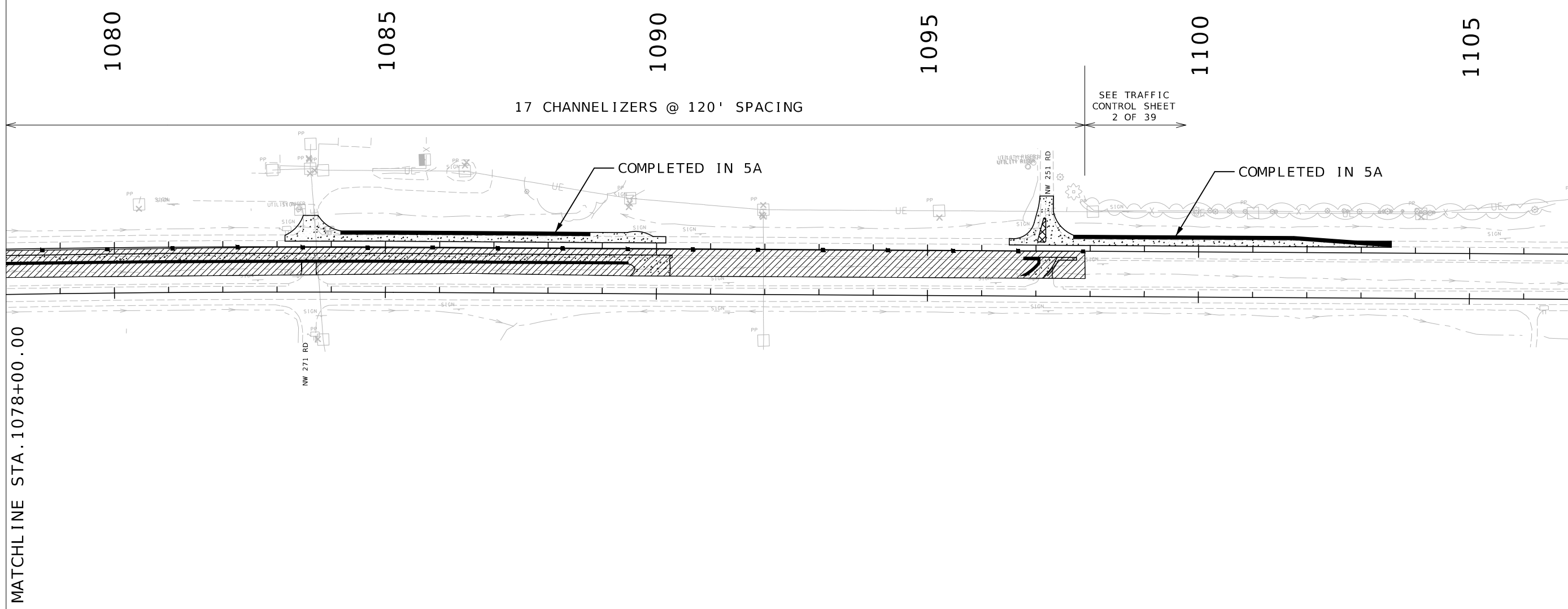
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TEMPORARY
 TRAFFIC CONTROL
 PHASE 5B
 SHEET 24 OF 39

TRAFFIC CONTROL LEGEND

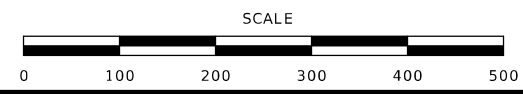
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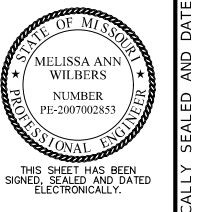
MATCHLINE STA. 1078+00.00

EARTHWORK NOTES:
 271 J-TURN WB ACCEL
 UNCLASSIFIED EXCAVATION= 624.3 CY
 COMPACTING EMBANKMENT= 1370.7 CY
 OBTAIN 23.9 CY FROM PHASE 5B (271 J-TURN EB ACCEL)
 OBTAIN 816.2 CY FROM PHASE 4C (EB REPROFILE)

 REVISED




TEMPORARY
 TRAFFIC CONTROL
 PHASE 5B
 SHEET 25 OF 39



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 58
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





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Bartlett & West

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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

1055

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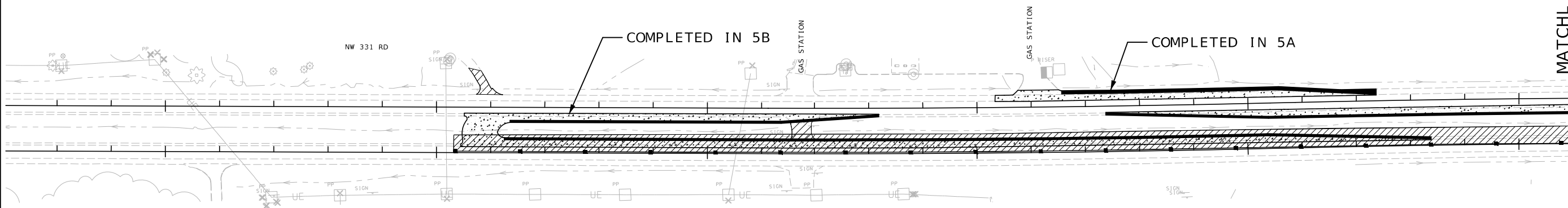
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MATCHLINE STA. 1078+00.00

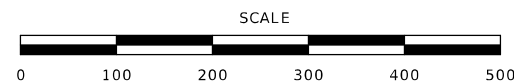


SEE TRAFFIC CONTROL SHEET 2 OF 39

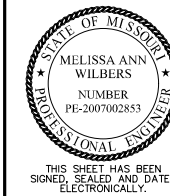
18 CHANNELIZERS @ 120' SPACING

PHASE 5C:
 CONSTRUCT EASTBOUND ACCELERATION LANE,
 DECELERATION LANE AND LEFT TURN LANE.
 MAINTAIN AT LEAST ONE 12-FOOT TRAVEL LANE ON US-50.

EARTHWORK NOTES:
 331 J-TURN EB ACCEL
 UNCLASSIFIED EXCAVATION= 703.8 CY
 COMPACTING EMBANKMENT= 794.7 CY
 OBTAIN 362.9 CY FROM PHASE 4C (EB REPROFILE)



TEMPORARY
 TRAFFIC CONTROL
 PHASE 5C
 SHEET 26 OF 39



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 59
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

MATCHLINE STA. 1078+00.00

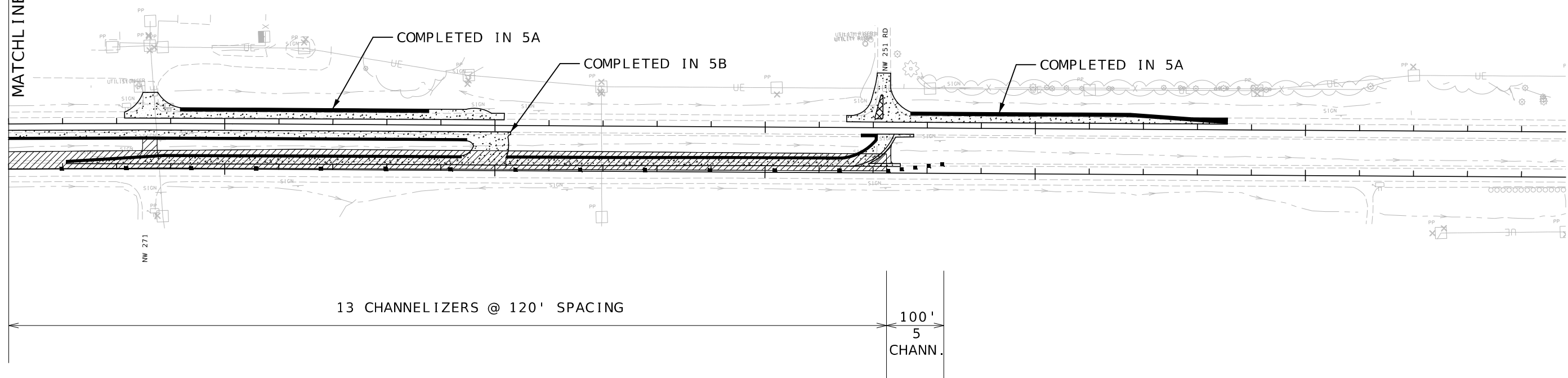
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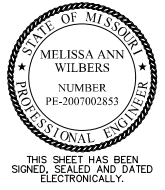
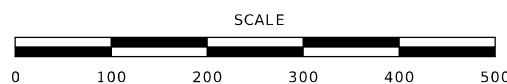
1105



EARTHWORK NOTES:

271 J-TURN EB DECEL
 UNCLASSIFIED EXCAVATION= 366.7 CY
 COMPACTING EMBANKMENT= 674.6 CY  REVISED
 OBTAIN 362.9 CY FROM PHASE 4C (EB REPROFILE)

251 EB OFFSET LT
 UNCLASSIFIED EXCAVATION= 288.0 CY
 COMPACTING EMBANKMENT= 1674.0 CY  REVISED
 OBTAIN 1429.9 CY FROM PHASE 4C (EB REPROFILE)



DATE PREPARED
2/11/2025

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 60

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/11/2025 <td>REVISED EARTHWORK NOTE</td>	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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TEMPORARY
 TRAFFIC CONTROL
 PHASE 5C
 SHEET 27 OF 39

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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

1055

1060

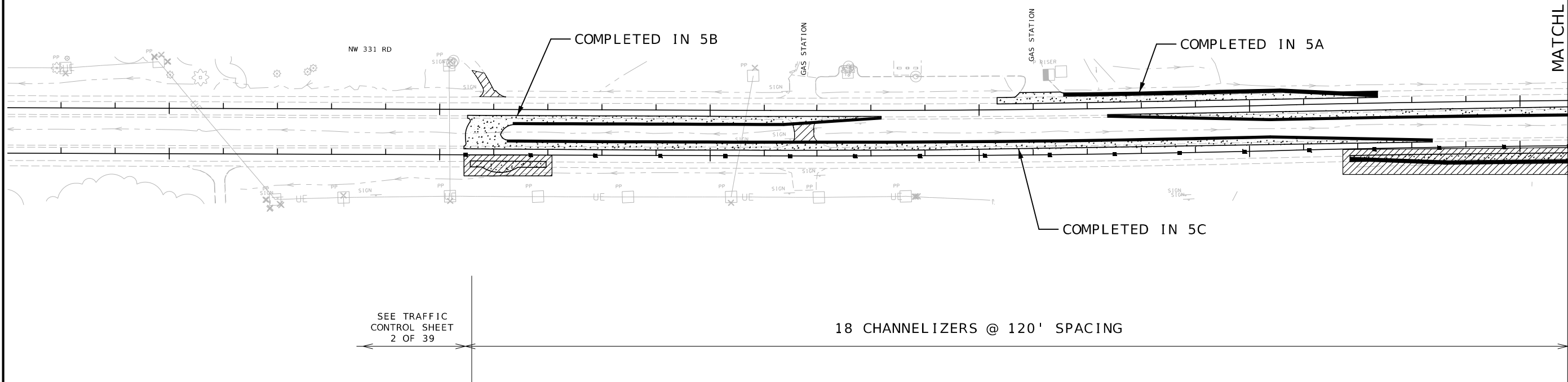
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MATCHLINE STA. 1081+00.00



SEE TRAFFIC CONTROL SHEET 2 OF 39

18 CHANNELIZERS @ 120' SPACING

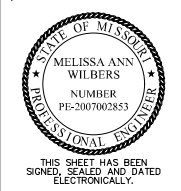
PHASE 5D:
 CONSTRUCT OFF-TRACKING LOON ON SOUTH SIDE OF US-50
 AND DECELERATION LANE WITH SIDE ROAD APPROACH PAVEMENT WHILE
 MAINTAINING ACCESS TO LOCAL TRAFFIC.

EARTHWORK QUANTITIES:
 331 J-TURN EB LOON
 UNCLASSIFIED EXCAVATION= 72.9 CY
 COMPACTING EMBANKMENT= 39.6 CY
 DISPOSE OF EXCESS 22.3 CY

 REVISED




TEMPORARY
 TRAFFIC CONTROL
 PHASE 5D
 SHEET 28 OF 39



DATE PREPARED 2/11/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 61
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
2/11/2025 <td>REVISED EARTHWORK NOTE</td>	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

MATCHLINE STA. 1081+00.00

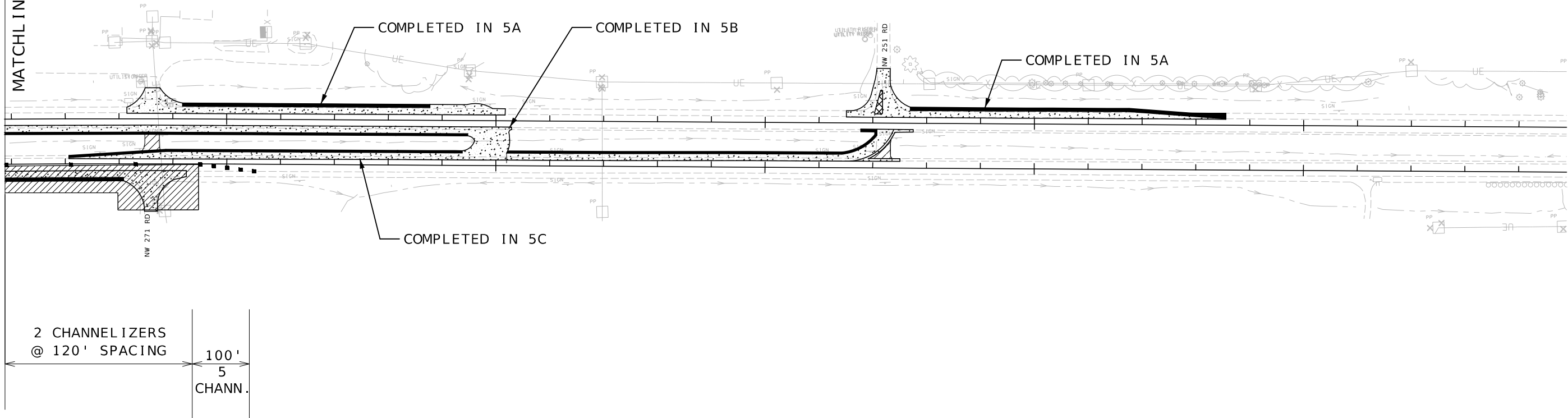
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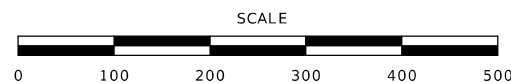
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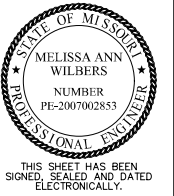
EARTHWORK NOTES:

271 EB DECEL
 UNCLASSIFIED EXCAVATION= 848.6 CY
 COMPACTING EMBANKMENT= 154.6 CY
 DISPOSE OF EXCESS 566.8 CY

 1 REVISED



TEMPORARY
 TRAFFIC CONTROL
 PHASE 5D
 SHEET 29 OF 39



DATE PREPARED
 2/11/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 62

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/11/2025 <td>REVISED EARTHWORK NOTE</td>	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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DATE PREPARED
2/12/2025

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 129

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/12/2025	REVISED CULVERT NOTE

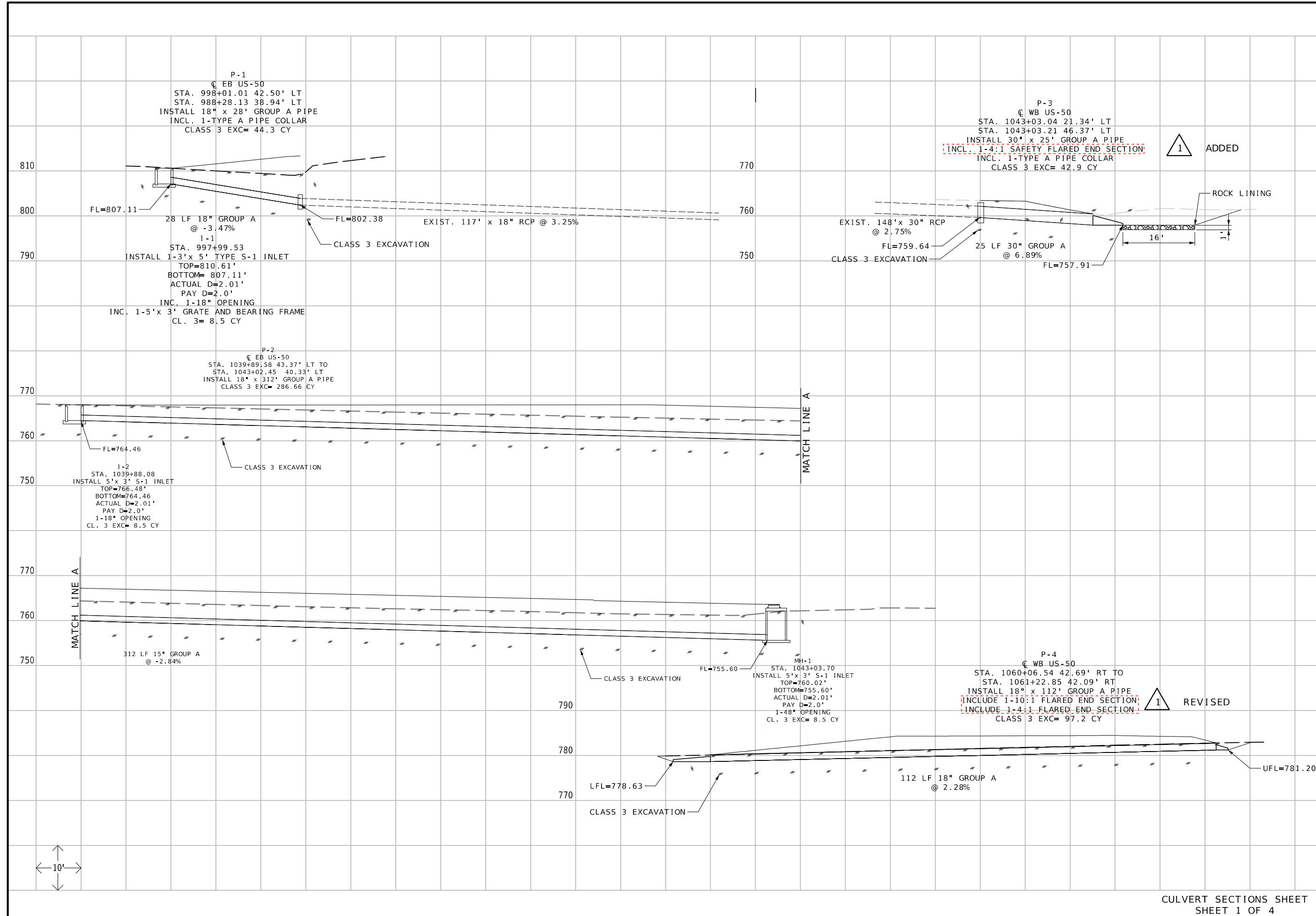
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



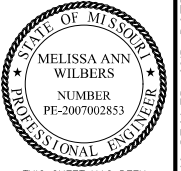
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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CULVERT SECTIONS SHEET SHEET 1 OF 4



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DATE PREPARED
2/12/2025

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 130

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

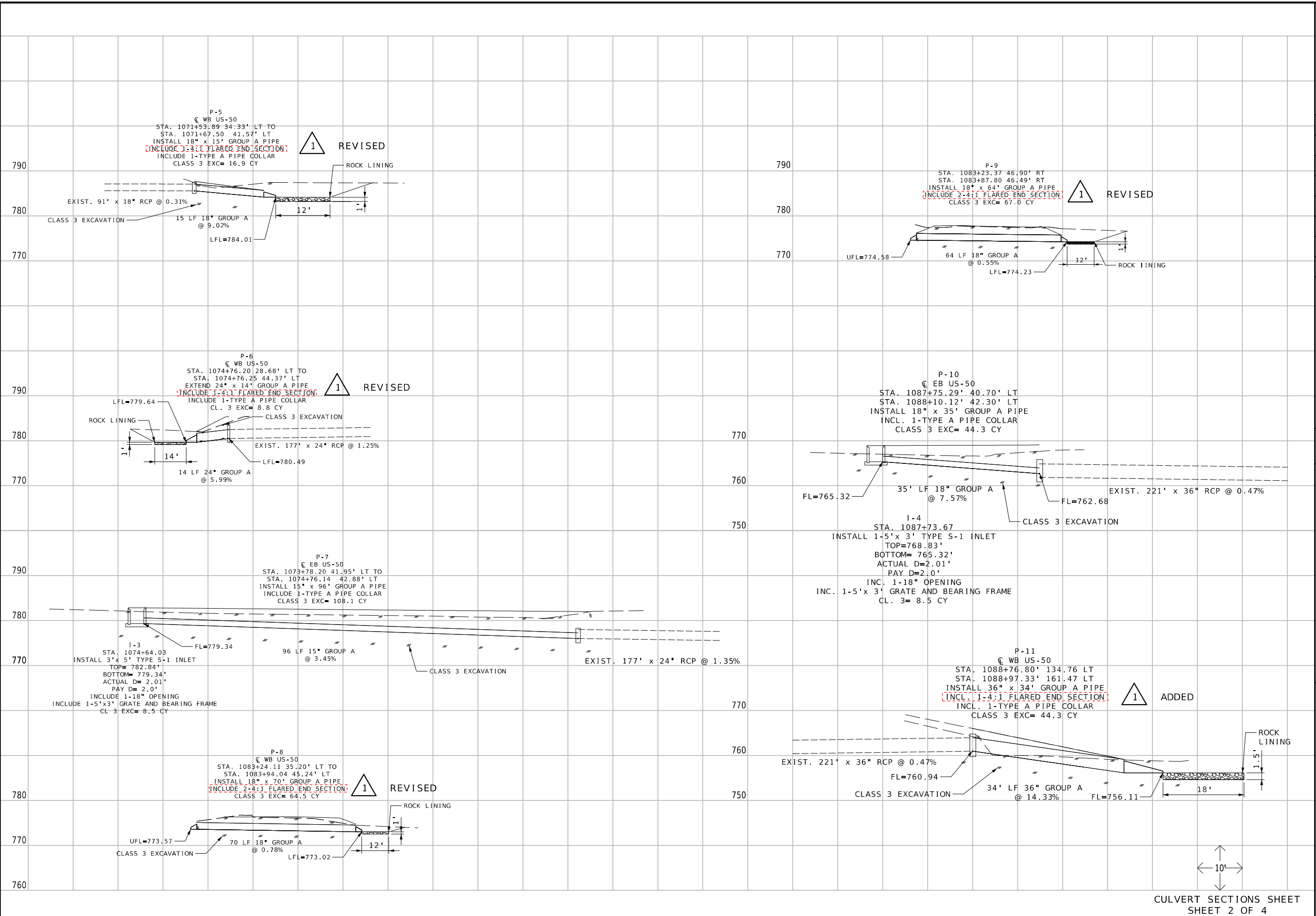
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
2/12/2025	REVISED CULVERT NOTE

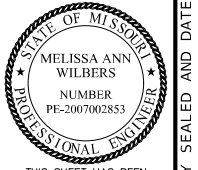
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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CULVERT SECTIONS SHEET
SHEET 2 OF 4



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DATE PREPARED
2/12/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 131

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/12/2025	REVISED CULVERT SECTION NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

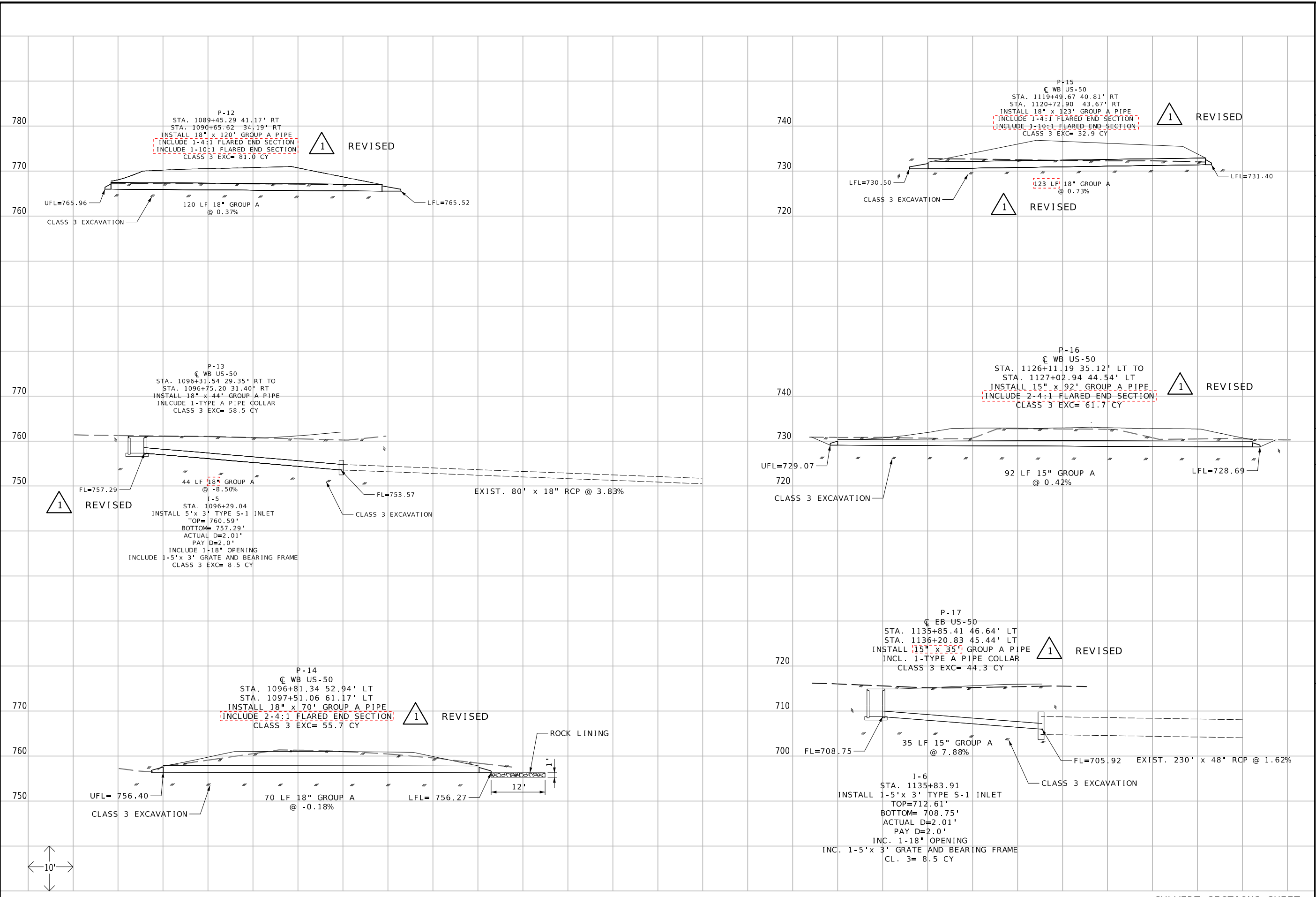
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JEFFERSON CITY, MO 65102
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Bartlett & West

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DATE PREPARED
2/12/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 132

COUNTY JOHNSON

JOB NO. JKRO136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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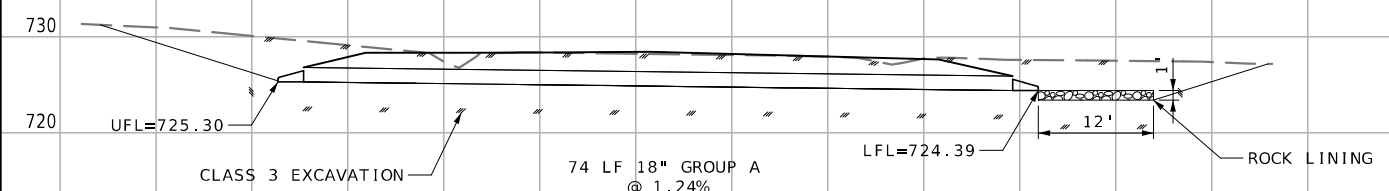
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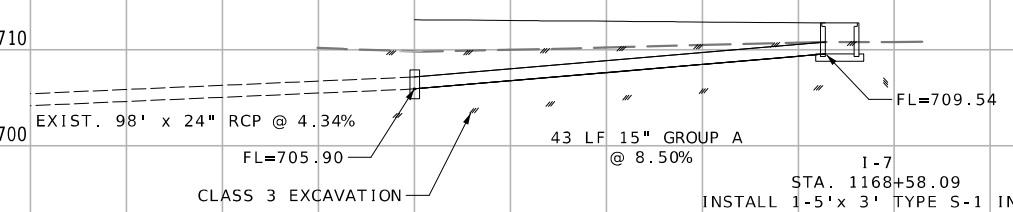
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

P-18
C EB US-50
STA. 1150+63.98 60.0' RT
STA. 1151+37.90 60.7' RT
INSTALL 18" x 74' GROUP A PIPE
INCLUDE 2-4:1 FLARED END SECTION
CL. 3 EXC= 93.8 CY

1 REVISED



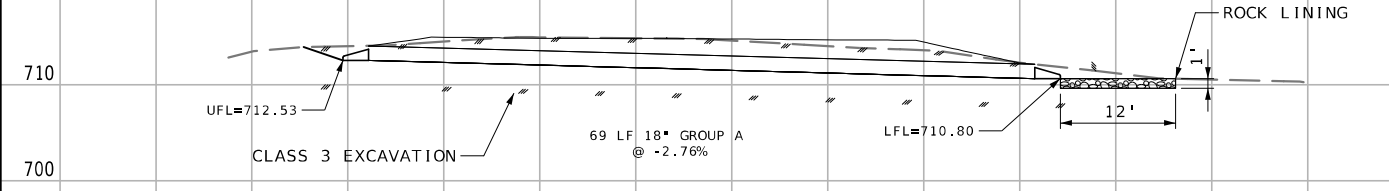
P-21
C EB US-50
STA. 1168+56.66 40.05' LT
STA. 1168+99.30 40.58' LT
INSTALL 15" x 43' GROUP A PIPE
INCL. 1-TYPE A PIPE COLLAR
CLASS 3 EXC= 44.3 CY



1-7
INSTALL 1-5' x 3' TYPE S-1 INLET
TOP=712.77'
BOTTOM=709.54'
ACTUAL D=2.01'
PAY D=2.0'
INC. 1-18" OPENING
INC. 1-5' x 3' GRATE AND BEARING FRAME
CL. 3= 8.5 CY

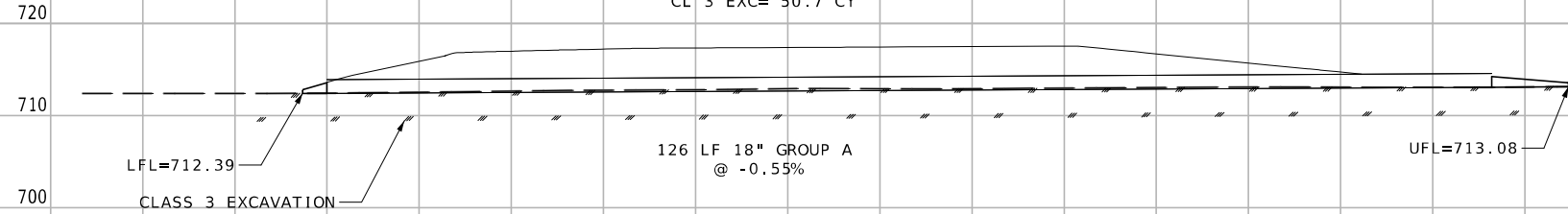
P-19
C WB US-50
STA. 1164+33.13 40.50' LT
STA. 1165+02.02 49.44' LT
INSTALL 18" x 69' GROUP A PIPE
INCLUDE 2-4:1 FLARED END SECTION
CLASS 3 EXC= 33.7 CY

1 REVISED

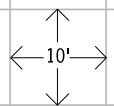
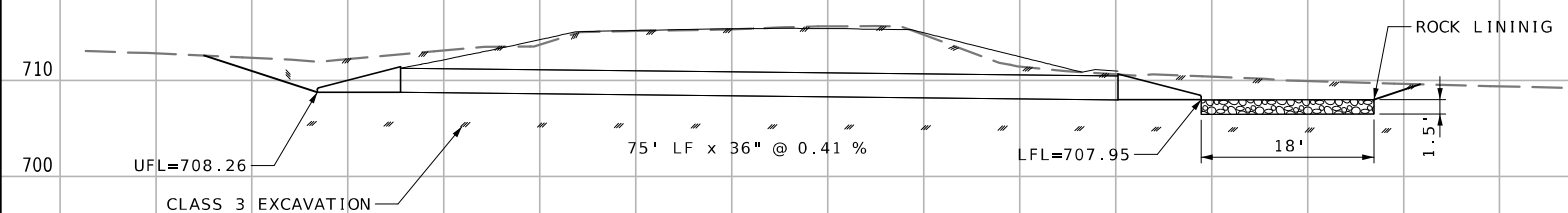


P-22
C WB US-50
STA. 1171+06.11 44.61' RT
STA. 1172+32.28 44.97' RT
INSTALL 18" x 126' GROUP A PIPE
INCLUDE 1-4:1 FLARED END SECTION
INCLUDE 1-10:1 FLARED END SECTION
CL 3 EXC= 50.7 CY

1 REVISED



P-20
C EB US-50
STA. 1164+27.91 53.62' RT
STA. 1165+02.24 57.33' RT
INSTALL 36" x 75' GROUP A PIPE
INCLUDE 2-4:1 FLARED END SECTION
CLASS 3 EXC= 88.7 CY



CULVERT SECTIONS SHEET
SHEET 4 OF 4

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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PAVEMENT MARKING (PERMANENT)											
ROUTE	LOCATION	STA.	STA.	HIGH BUILD WATERBORNE					THERMOPASTIC		REMARKS
				6" WHITE		6" YELLOW	12" WHITE		24" WHITE	WHITE TURN ARROW (EACH)	
				SOLID LF	DOTTED LF	SOLID LF	SOLID LF	DOTTED LF	STOP BAR LF		
50	EB DECEL US-50	7+05.00	11+05.00	400.0							
50	EB DECEL US-50	10+03.00	-							1	
50	EB DECEL US-50	10+03.00	11+05.00		34.0						
50	SB RAMP BUS-50	0+00.00	10+08.00	1008.0							
50	EB DECEL US-50	11+05.00	13+73.00				268.0				
50	EB DECEL US-50	13+73.00	14+86.00	113			269.0				
50	EB DECEL US-50	11+53.00	-							1	
50	EB DECEL US-50	13+03.00	-							1	
50	SB RAMP BUS-50	3+73.00	4+35.00				69.9				
50	SB RAMP BUS-50	4+35.00	10+08.00			586.4					
50	WB ACCEL US-50	3+46.00	17+09.00			1359.2					
50	WB ACCEL US-50	3+69.00	13+94.00				100.2				
50	WB ACCEL US-50	13+94.00	15+94.00				200.0				
50	WB ACCEL US-50	15+94.00	17+39.00	160.8							
50	WB ACCEL US-50	15+94.00	18+46.00			252.0					
50	NB BUS-50	0+00.00	3+00.00			426.3					
50	NB BUS-50	0+00.00	1+45.00	142.5							
50	NB BUS-50	0+00.00	1+45.00				178.5				
50	NB BUS-50	0+14.00	-					12.0			
50	NB BUS-50	0+29.00	4+26.00	471.7							
50	NB BUS-50	1+45.00	2+73.00				122.7				
50	NB BUS-50	2+73.00	-							1	
50	EB ACCEL US-50	17+35.00	20+45.00				310.0				
50	EB ACCEL US-50	19+16.00	36+24.00	1708.0							
50	EB ACCEL US-50	20+45.00	31+24.00				157.9				
TOTALS				4004.0	34.0	2623.9	1418.1	258.1	12.0	4	
USE				4004	34	2624	1418	258	12	4	

EARTHWORK							REMARKS
ROUTE	LOCATION	STA.	STA.	UNCLASSIFIED EXCAVATION CY	COMPACTING EMBANKMENT CY	COMPACTING IN CUT STA	
50	WB ACCEL	3+46.35	15+94.43	725.3	616.5		
50	NB RAMP	0+00.00	4+26.07	1516.1	536.7		USE 752.0 AT SB RAMP.
50	NB RAMP	+36.42	3+36.42			3.0	
50	EB ACCEL	19+16.39	36+23.68	2183.9	947.3		USE 348.7 CY AT SB RAMP. DISPOSE OF EXCESS 560.3 CY
50	EB DECEL	7+03.75	12+92.78	489.2	269.1		DISPOSE OF EXCESS 146.7 CY
50	SB RAMP	2+70.67	10+08.27	388.0	1430.5		OBTAIN 752.0 CY FROM NB RAMP. OBTAIN 348.7 CY FROM EB ACCEL
50	SB RAMP	3+35.38	8+74.78			5.4	
TOTAL				5302.5	3800.1	8.4	
USE				5303	3800	8.4	

1 REVISED

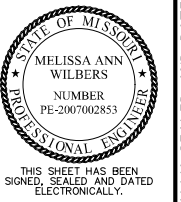
CABLE & RIGID CONDUIT					
LOC.	STA.	STA.	1" CABLE CONDUIT (TRENCH LF)	3" RIGID CONDUIT (TRENCHED LF)	REMARKS
EB US-50	8+83.36	13+00.00	419		POLE TO PIVOT POINT
SB BUS-50	3+00.00	6+30.30	310		PIVOT POINT TO PB
SB BUS-50	6+30.30	8+57.40	216		PB TO POLE
SB BUS-50 TO EB US-50	6+30.30	17+10.22	175	175	PB TO CONTROLLER
SB BUS-50 TO NB BUS-50	8+57.40	3+24.02	108	108	POLE TO CONTROLLER/POWER SUPPLY
NB BUS-50 TO EB US-50	0+11.81	17+14.23	65	65	POLE TO POLE
TOTALS			1293	348	
USE			1300	348	

POWER SUPPLY & CONTROL STATION				
LOCATION	STA	OFFSET	POWER SUPPLY ASSEMBLY TYPE 2 240/120 VOLT SERVICE LIGHTING ONLY (EACH)	REMARKS
NB BUS-50	3+24.02	55' RT	1	CONTROLLER W/POWER SUPPLY & METER
TOTALS			1	

HIGHWAY LIGHTING								
LOCATION	STA	OFFSET	BRACKET ARM 15 FT (EACH)	LIGHTING POLE 45 FT (EACH)	LUMINAIRE LED-B (LF)	POLE FOUNDATION 45 FT M.H. (EACH)	CABLE # 10 AWG 1 CONDUCTOR POLE & BRACKET (LF)	REMARKS
EB US-50	8+83.36	43' RT	1	1	1	1	120	
SB RAMP	8+57.40	12' RT	1	1	1	1	120	
NB RAMP	0+11.81	13' RT	1	1	1	1	120	
EB US-50	17+14.23	44' LT	1	1	1	1	120	
TOTALS			4	4	4	4	480	

PERFORMED PULL BOX. CLASS 1				
LOCATION	STATION	OFFSET	EACH	REMARKS
SB BUS-50	6+30.30	30' RT	1	
TOTALS			1	

SUMMARY OF QUANTITIES SHEET 2 OF 4



DATE PREPARED
2/11/2025
ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 3
COUNTY JOHNSON
JOB NO. JKR0137
CONTRACT ID.

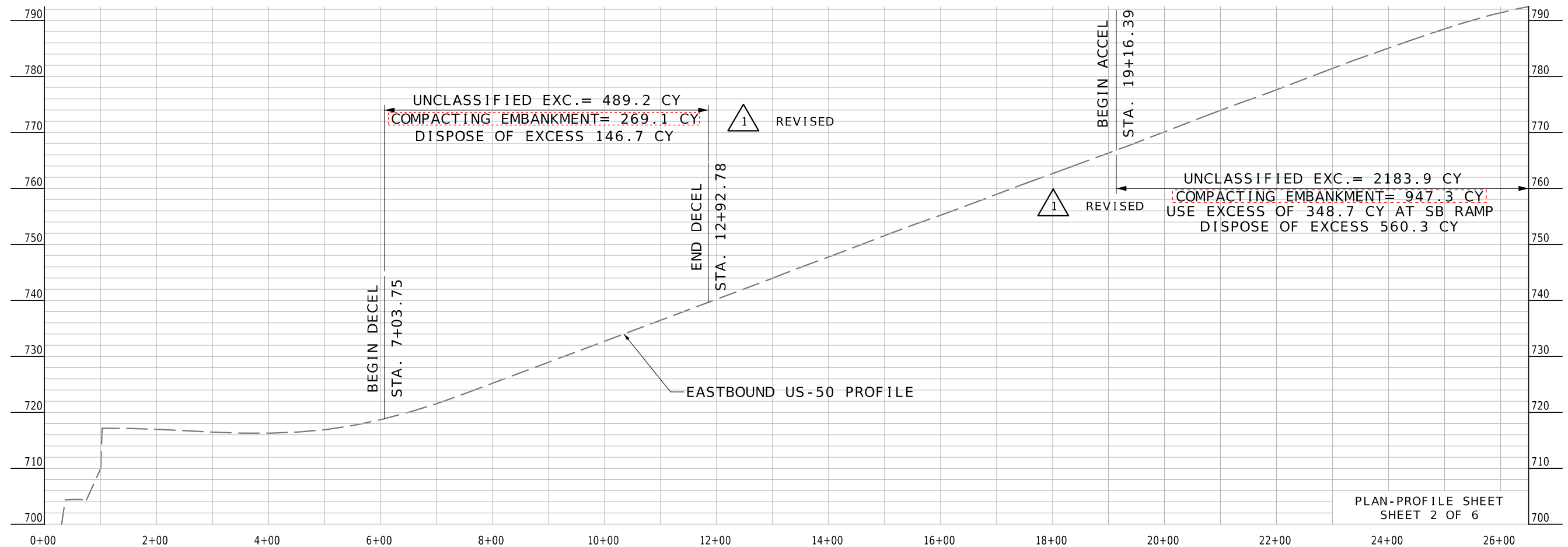
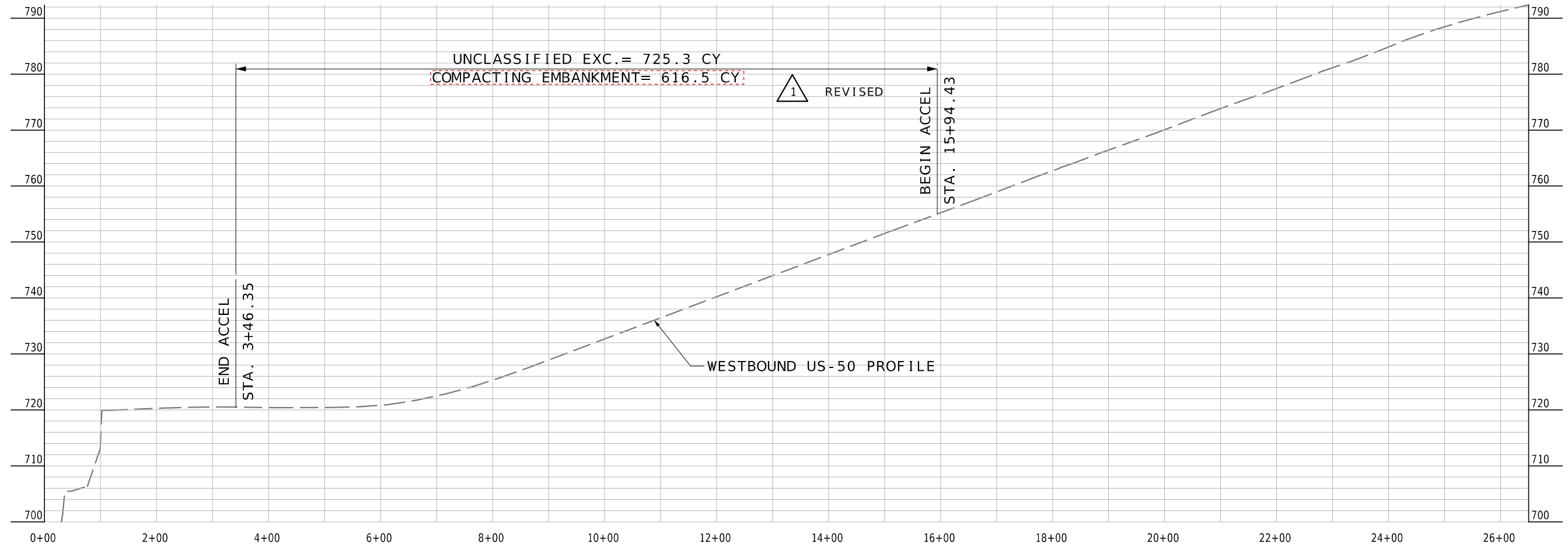
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK TABLE

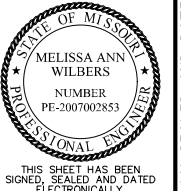
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PLAN-PROFILE SHEET
 SHEET 2 OF 6



DATE PREPARED
 2/11/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 5

COUNTY JOHNSON

JOB NO. JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

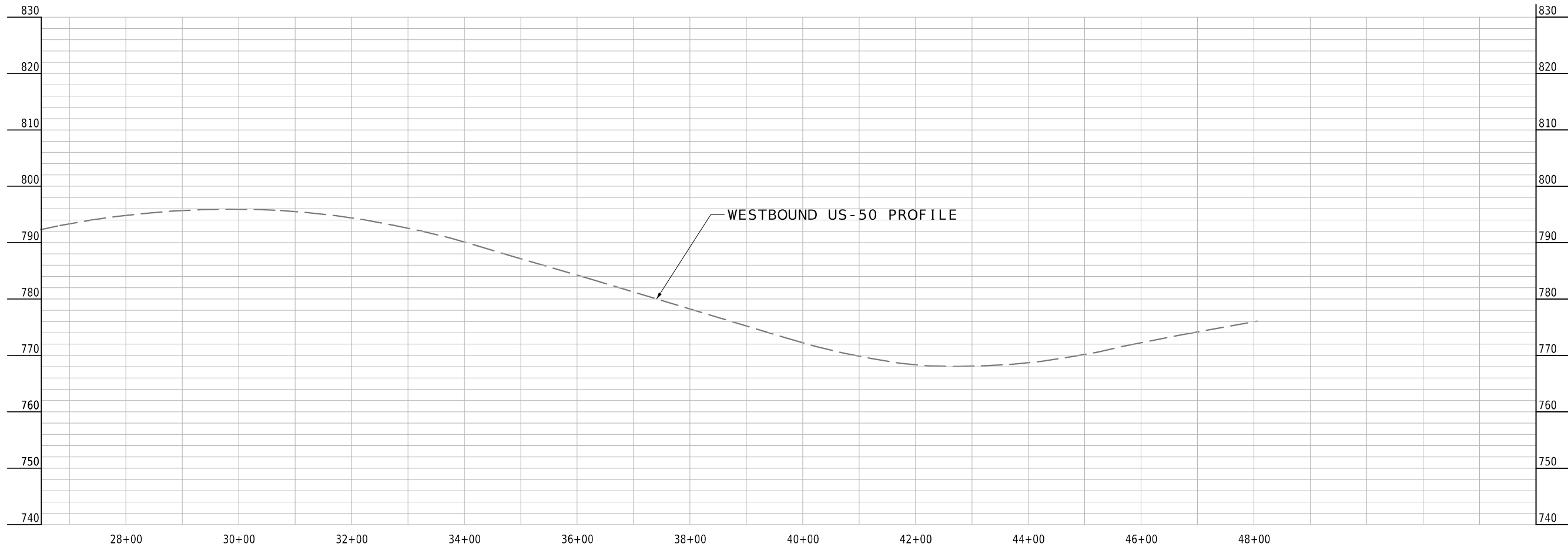
MoDOT

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

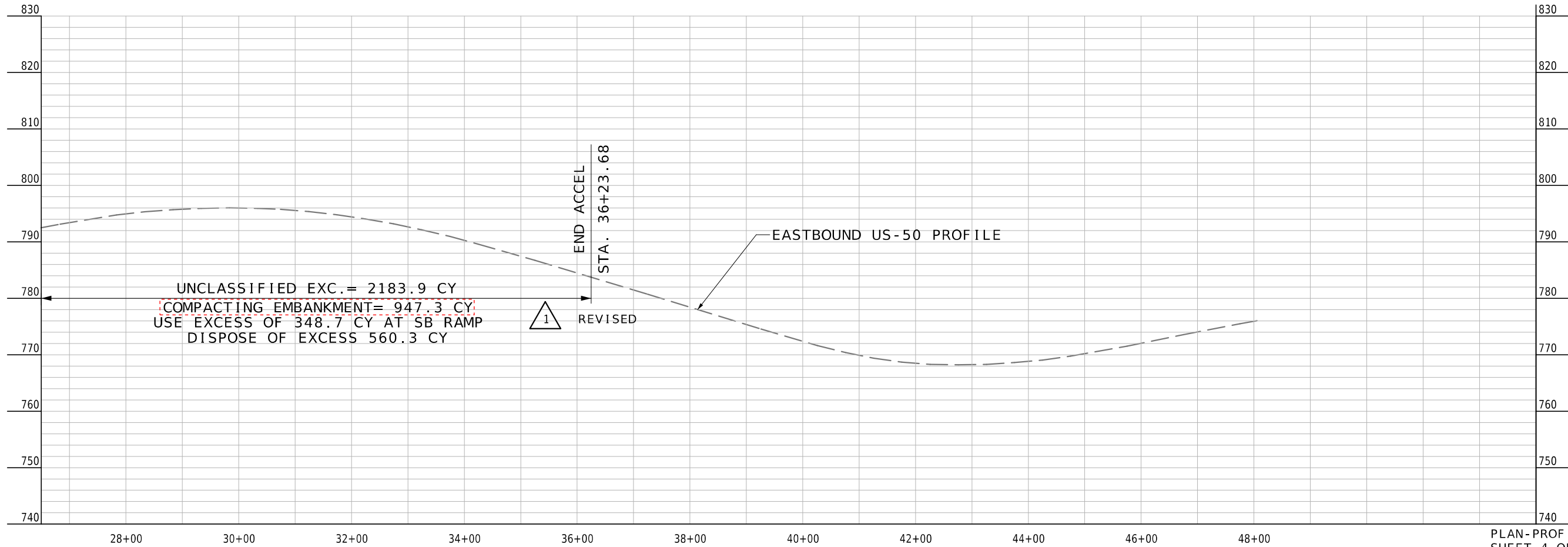
Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 873-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

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WESTBOUND US-50 PROFILE



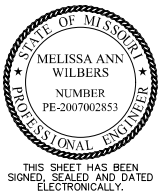
EASTBOUND US-50 PROFILE

UNCLASSIFIED EXC.= 2183.9 CY
 COMPACTING EMBANKMENT= 947.3 CY
 USE EXCESS OF 348.7 CY AT SB RAMP
 DISPOSE OF EXCESS 560.3 CY

END ACCEL
 STA. 36+23.68
 REVISED



PLAN-PROFILE
 SHEET 4 OF 6



DATE PREPARED
 2/11/2025
 ROUTE 50 STATE MO
 DISTRICT KC SHEET NO. 7
 COUNTY JOHNSON
 JOB NO. JKR0137
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

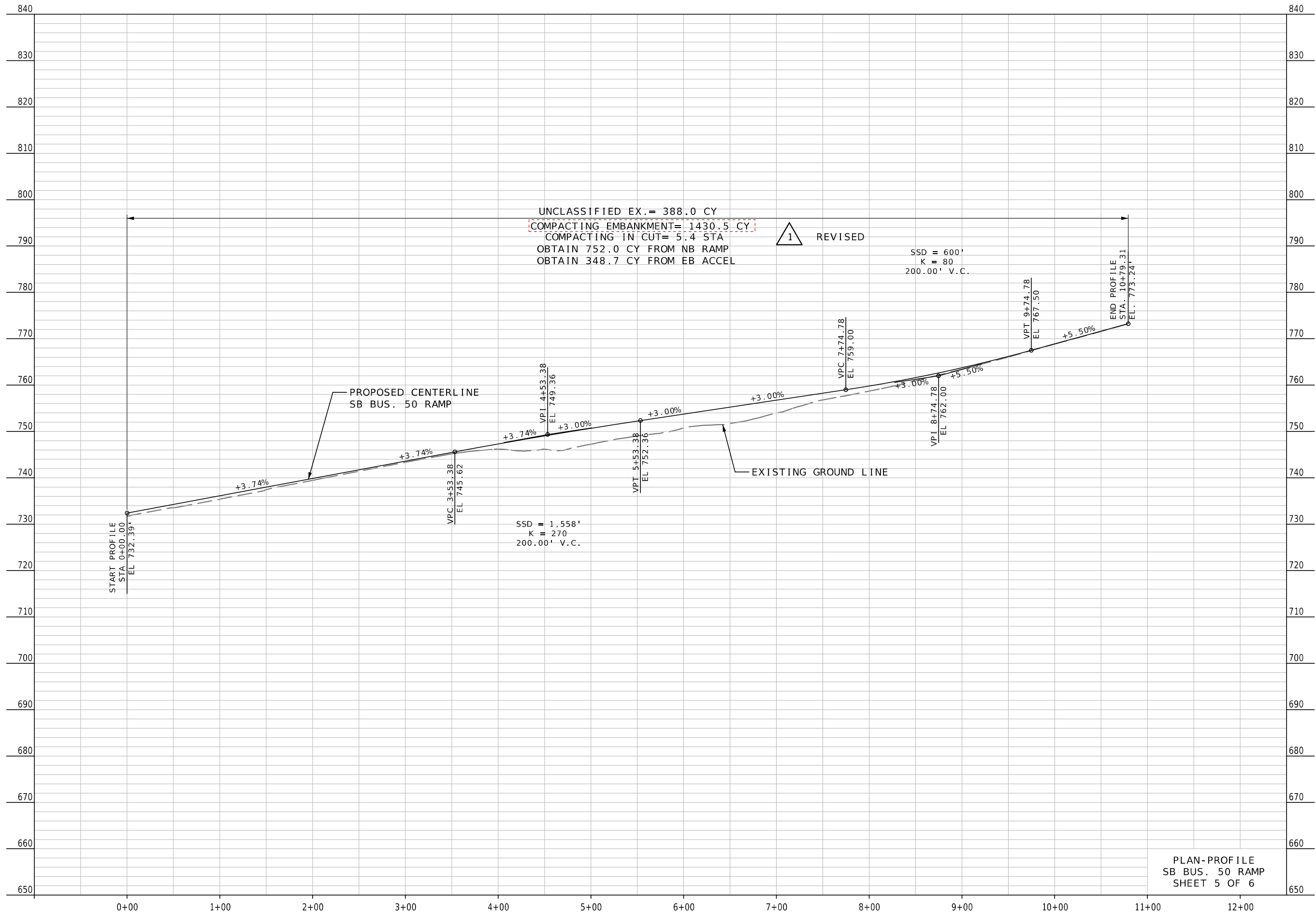
DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

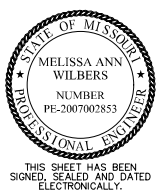
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
 601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
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 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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PLAN-PROFILE
 SB BUS. 50 RAMP
 SHEET 5 OF 6



DATE PREPARED
 2/11/2025

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	8

COUNTY
 JOHNSON

JOB NO.
 JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

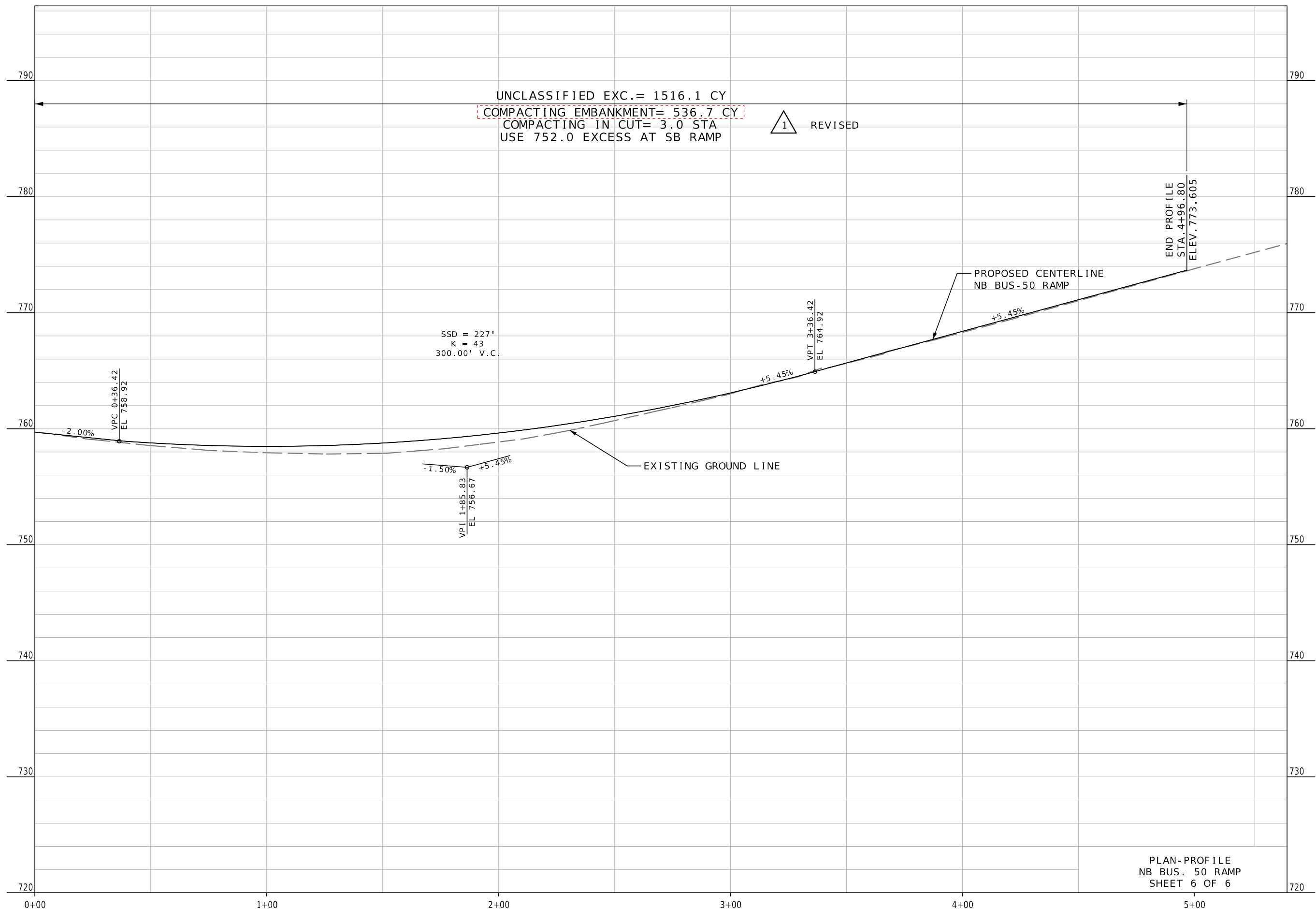
MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

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

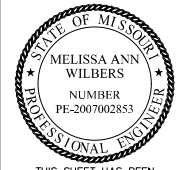
Bartlett & West

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PLAN-PROFILE
 NB BUS. 50 RAMP
 SHEET 6 OF 6



THIS SHEET HAS BEEN
 SIGNED, SEALED AND DATED
 ELECTRONICALLY.

DATE PREPARED
 2/11/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 9

COUNTY JOHNSON

JOB NO. JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
2/11/2025	REVISED EARTHWORK NOTE

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

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