

DESIGN DESIGNATION

A.A.D.T. - 2025 = 7,800
A.A.D.T. - 2045 = 8,700
D.H.V. = 9%
T = 12%
V = 60 M.P.H.
D = 50%

FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

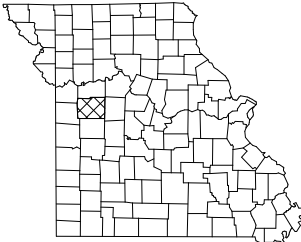
NEW NORMAL RIGHT OF WAY
TO BE ACQUIRED

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
JOHNSON COUNTY



KEY MAP
LOCATION OF JOHNSON COUNTY



LEFT TURN LANE ADDITION, RIGHT TURN LANE ADDITION,
MAINLINE PROFILE ADJUSTMENT,
CROSSROAD CULVERT REPLACEMENT

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
TITLE SHEET	1
TYPICAL SECTIONS (TS) (3 SHEETS)	2
QUANTITIES (QU) (6 SHEETS)	3
PLAN-PROFILE (PP)	4-6
RIGHT OF WAY (RW)	7
REFERENCE POINTS (RP)	8-9
COORDINATE POINTS (CP)	10
SPECIAL SHEETS (SS)	11-15
TRAFFIC CONTROL SHEETS (TC)	16-22
EROSION CONTROL SHEETS (EC)	23-24
SIGNING (SN)	25-28
PAVEMENT MARKING (PM)	29
CULVERT SECTIONS (CS)	30
CROSS SECTIONS (XS)	1-15

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 231+35.68
END OF PROJECT	STA. 244+31.02
APPARENT LENGTH	1,295.34 FEET

TOTAL CORRECTIONS	0.0 FEET
NET LENGTH OF PROJECT	1,295.34 FEET
STATE LENGTH	0.245 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	5 ACRES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
09/21/2026 2:12:03 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
9/1/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
1

COUNTY
JOHNSON

JOB NO.
J3P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

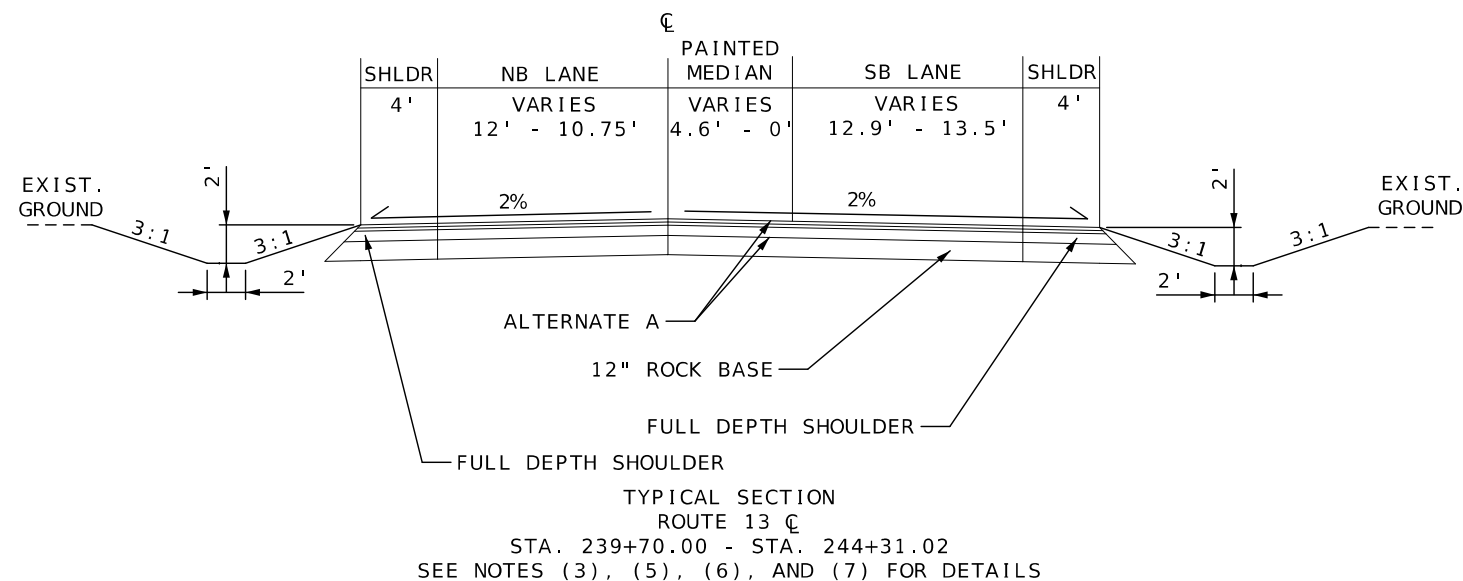
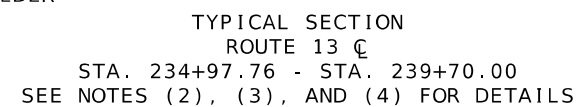
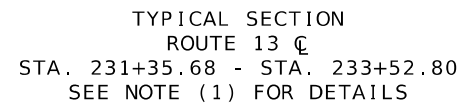
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

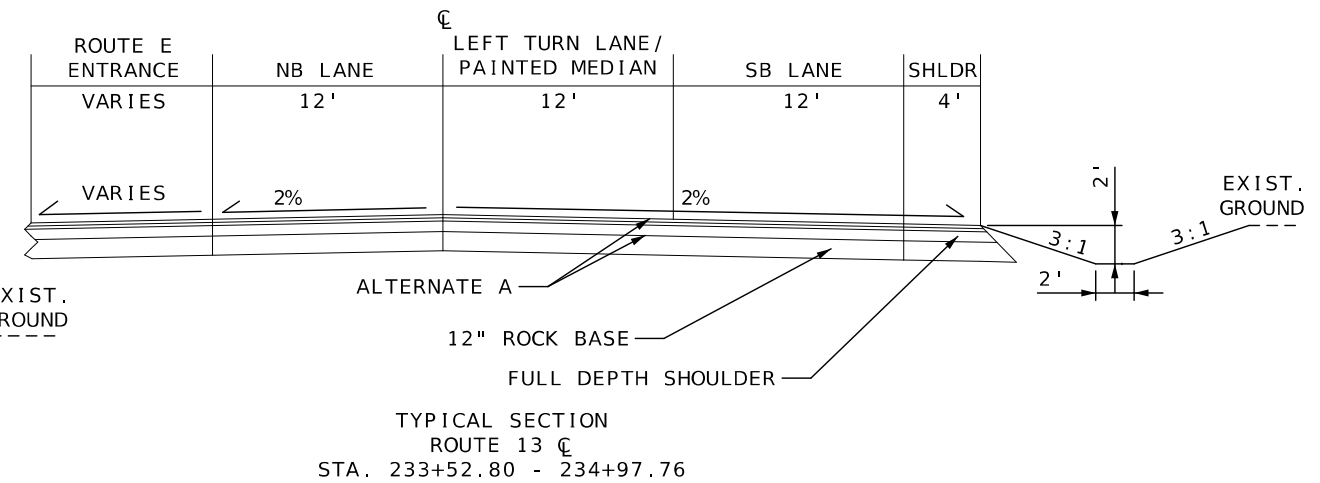
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SP125C = 1.999
SP190C = 2.018

NOTES:
(1) STA. 231+35.68 TO STA. 231+75.00
NB LANE WIDTH: 11.65' TO 12'
SB LANE WIDTH: 12.35' TO 12'



ALTERNATE PAVEMENT A:
2" SP125C W/ PG 70-22 OVER
2" SP125C W/ PG 70-22 (TACK COAT) OVER
6.5" SP190C W/ PG 64-22 (TACK COAT)
12" ROCK BASE



NOTES:

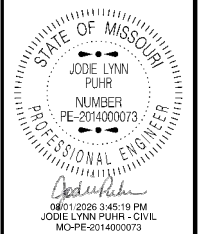
(2) STA. 234+97.76 TO STA. 236+00.00
LT PAINTED MEDIAN/RIGHT TURN LANE SLOPE: 4% TO 2%

(3) STA. 235+08.92 TO STA. 242+58.92
RT PAINTED MEDIAN WIDTH: 12' TO 0'
SB LANE WIDTH: 12' TO 13.5'

(4) STA. 236+20.00 TO STA. 239+70.00
LT PAINTED MEDIAN/RIGHT TURN LANE WIDTH: 24' TO 0'

(5) STA. 239+70.00 TO STA. 244+31.02
NB LANE WIDTH: 12' TO 10.75'

(6) STA. 242+58.92 TO STA. 244+31.02
SB LANE WIDTH: 13.5'



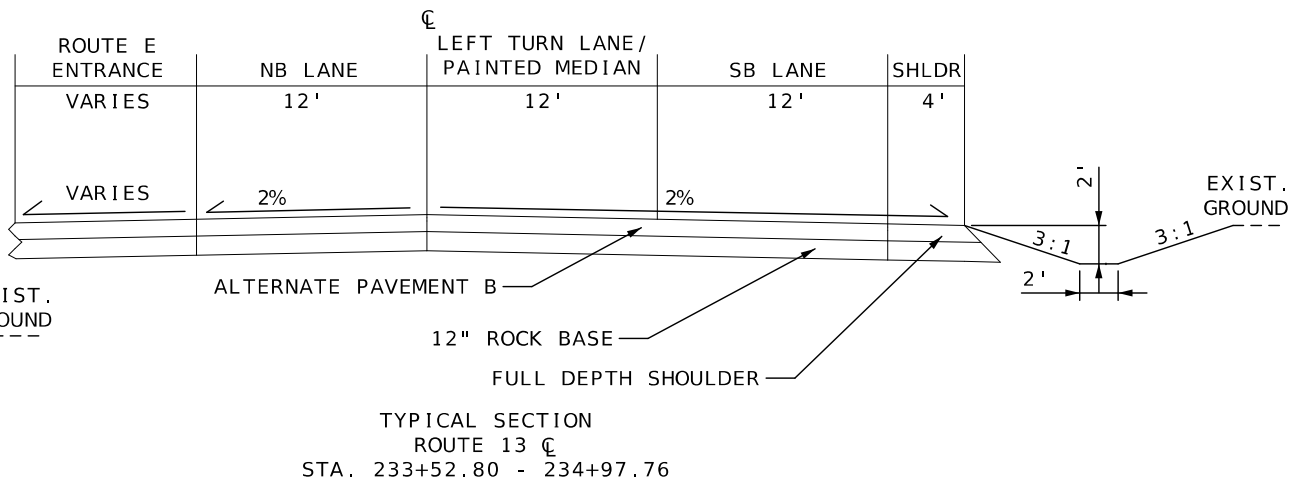
DATE PREPARED	
7/28/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	2
COUNTY	
JOHNSON	
JOB NO.	
J3P3109	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

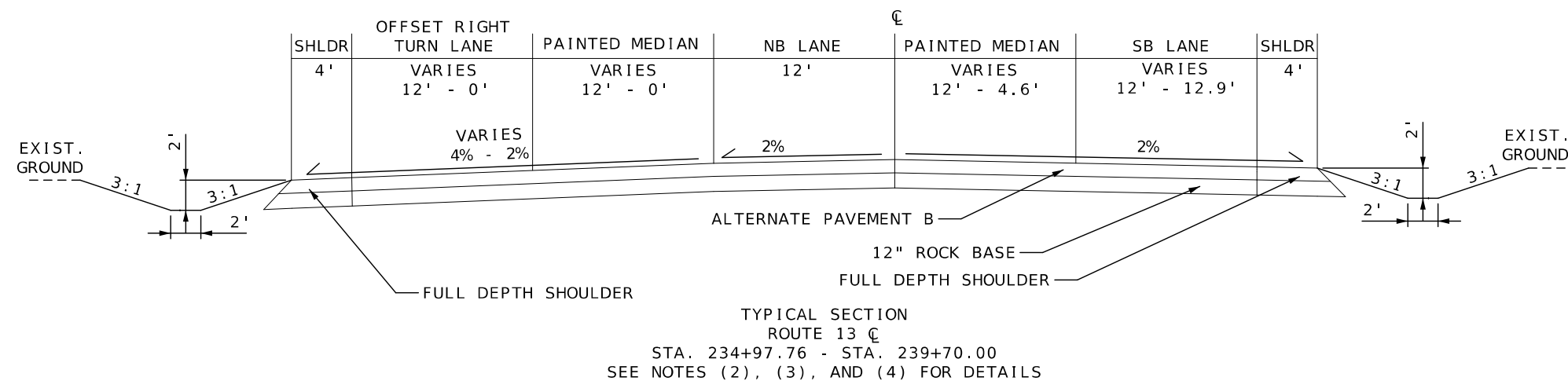
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



TYPICAL SECTION
ROUTE 13 C
STA. 231+35.68 - STA. 233+52.80
SEE NOTE (1) FOR DETAILS



NOTES:

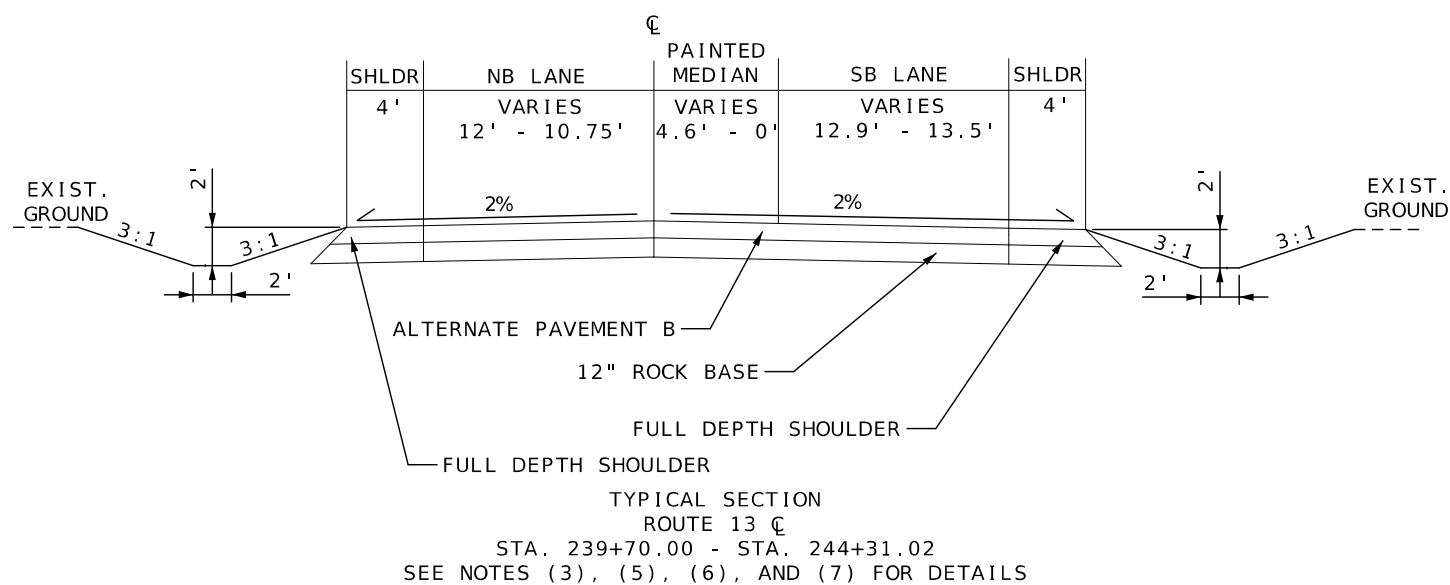
(2) STA. 234+97.76 TO STA. 236+00.00
LT PAINTED MEDIAN/RIGHT TURN LANE SLOPE: 4% TO 2%

(3) STA. 235+08.92 TO STA. 242+58.92
RT PAINTED MEDIAN WIDTH: 12' TO 0'
SB LANE WIDTH: 12' TO 13.5'

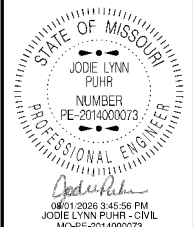
(4) STA. 236+20.00 TO STA. 239+70.00
LT PAINTED MEDIAN/RIGHT TURN LANE WIDTH: 24' TO 0'

(5) STA. 239+70.00 TO STA. 244+31.02
NB LANE WIDTH: 12' TO 10.75'

(6) STA. 242+58.92 TO STA. 244+31.02
SB LANE WIDTH: 13.5'



ALTERNATE PAVEMENT B:
9.0" JCP WIDENED SLAB WITH
15' JOINT SPACING, 1.25" DOWELS
12" ROCK BASE



DATE PREPARED
7/28/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 2

COUNTY
JOHNSON

JOB NO.
J3P3109

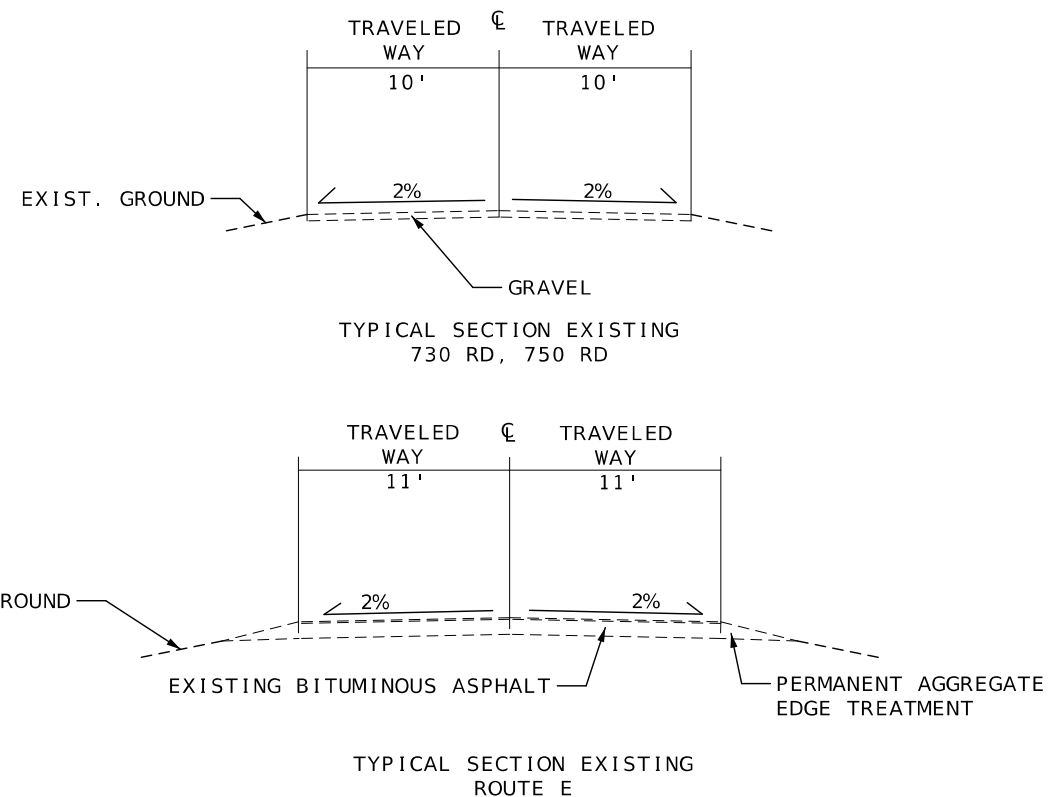
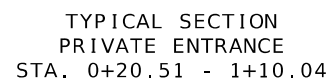
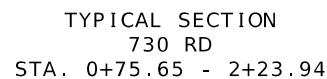
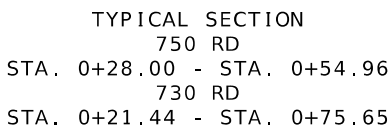
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

$$\text{BB W/ PG } 64-22 = 1.997$$


STATE OF MISSOURI
JODIE LYNN
PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER

Jodie Lynn Puhar
09/21/2026 2:12:26 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
9/1/2026

ROUTE 13	STATE MO
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DISTRICT	SHEET NO.
KC	2

COUNTY
JOHNSON

JOB NO.
J3P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

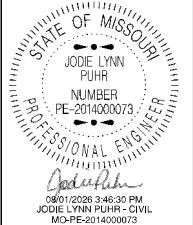
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT / 1-888-275-6623



ALTERNATE PAVEMENT A											
LOCATION	STA.	STA.	PAVEMENT WIDTH (FT)	PAVEMENT LENGTH (FT)	SP125C PG 70-22 (TONS)	SP190C PG-64-22 (TONS)	TACK COAT* (GAL)	FURNISHING 12" ROCK BASE (SY)	PLACING 12" ROCK BASE (SY)	BITUMINOUS SHOULDER RUMBLE STRIP (STA)	REMARKS
ROUTE 13 CL	231+35.68	233+52.80	44	217.1	235.5	385.5	53.1	1061.4	1061.4	4.3	
ROUTE 13 CL	233+52.80	234+97.76	40	145.0	143.0	234.1	32.2	644.4	644.4	1.5	EXCLUDES ROUTE E ENT.
ROUTE 13 CL	233+52.80	234+97.76	30	72.2	129.8	212.6	29.3	585.2	585.2		ROUTE E ENT. (INCLUDES RADIUS)
ROUTE 13 CL	234+97.76	236+20.00	66-68	122.2	202.4	331.3	45.6	912.0	912.0	2.4	PAVEMENT WIDTH INCLUDES TAPER
ROUTE 13 CL	236+20.00	239+70.00	37.5-68	350.0	448.3	733.9	101.0	2020.4	2020.4	7.0	PAVEMENT WIDTH INCLUDES TAPER
ROUTE 13 CL	239+70.00	244+31.02	32.25-37.5	461.0	385.2	630.6	86.8	1736.0	1736.0	9.2	PAVEMENT WIDTH INCLUDES TAPER
TOTAL					1544.2	2528.0	348	6959	6959	24.4	
					6,959.4 SY						

*FOR INFORMATION ONLY



DATE PREPARED	
7/28/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	3
COUNTY	
JOHNSON	
JOB NO.	
J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM					
LOCATION	STA.	STA.	DESCRIPTION	AMOUNT	REMARKS
ROUTE 13 CL	231+36		SAWCUT	31 FT.	MAINLINE SAWCUT, INCIDENTAL
ROUTE 13 CL	231+36	235+29	PAVEMENT REMOVAL	1382 SY	ROUTE 13 MAINLINE
ROUTE 13 CL	232+08		CULVERT REMOVAL	50 FT.	15" CMP
ROUTE 13 CL	233+39		CULVERT REMOVAL	47 FT.	3' X 4' RCB
ROUTE 13 CL	234+22	234+52	SAWCUT	30 FT.	ROUTE E SAWCUT, INCIDENTAL
ROUTE 13 CL	233+88	235+12	PAVEMENT REMOVAL	421 SY	ROUTE E ENTRANCE
ROUTE 13 CL	235+29		SAWCUT	32 FT.	PROFILE ADJUSTMENT, INCIDENTAL
ROUTE 13 CL	235+29	244+31	PAVEMENT REMOVAL	3126 SY	ROUTE 13 MAINLINE
ROUTE 13 CL	237+55		CULVERT REMOVAL	23 FT.	12" CMP
ROUTE 13 CL	235+59	244+31	FENCE REMOVAL	886 FT.	LT SIDE FENCE
ROUTE 13 CL	240+07	244+61	FENCE REMOVAL	661 FT.	RT SIDE FENCE
ROUTE 13 CL	239+77		CULVERT REMOVAL	40 FT.	15" CMP ON 730 RD
ROUTE 13 CL	244+31		SAWCUT	31 FT.	MAINLINE SAWCUT, INCIDENTAL
ROUTE 13 CL	231+36	232+91	FENCE REMOVAL	164 FT.	LT SIDE FENCE
TEMP ENTRANCE CL	0+10		CULVERT REMOVAL	25 FT.	15" GROUP A TEMP PIPE
TEMP ENTRANCE CL	0+00	6+01	PAVEMENT BASE REMOVAL	1336 SY	4" TYPE 1 AGG BASE

TEMPORARY ENTRANCE					
LOCATION	STA.	STA.	ROAD WIDTH (FT)	ROAD LENGTH (FT)	TYPE 1 AGGREGATE FOR BASE (4 IN.) (SY)
TEMP ENTRANCE CL	0+00.00	6+01.28	20	601	1336
SUBTOTAL 2					1336

CONTRACTOR FURNISHED SURVEY AND STAKING	
TOTAL	LUMP SUM

ADDITIONAL MOBILIZATION FOR SEEDING	
TOTAL	1 EACH

ENTRANCE PAVEMENT									
LOCATION	STA.	STA.	ENTRANCE WIDTH (FT)	LENGTH (FT)	BB W/ PG 64-22 (TONS)	BP-1 W/ PG 64-22 (TONS)	TACK COAT (GAL)	TYPE 1 AGGREGATE FOR BASE (4 IN.) (SY)	REMARKS
750 RD CL	0+28.00	0+54.96	20	27.0	26.5	8.8	4.6	91.0	750 RD ENTRANCE W/ RADIUS INCLUDED
730 RD CL	0+21.44	1+10.94	20	89.5	42.9	14.3	7.4	147.1	730 RD ENTRANCE W/ RADIUS INCLUDED
730 RD CL	1+10.94	2+23.94	20	113.0	73.2	24.4	12.6	251.1	730 RD GRAVEL PORTION
SUBTOTAL 1					142.6	47.5	24.6	489	
SUBTOTAL 2					0.0	0.0	0.0	1336	
TOTAL					142.6	47.5	25.0	1825	

MOBILIZATION	
TOTAL	LUMP SUM

TEMPORARY FENCE			
LOCATION	STA.	STA.	AMOUNT (LF)
ROUTE 13 CL	234+62	238+78	630
TOTAL			630

CULVERTS								
LOCATION	STA.	GROUP A PIPE			GROUP A F.E.S.			CLASS 3 EXCAVATION (CY)
		15" (LF)	18" (LF)	42" (LF)	15" (EACH)	18" (EACH)	42" (EACH)	
ROUTE 13 CL	232+09.53		47.2					28
ROUTE 13 CL	233+43.90			93.0			2	152
TEMP ENTRANCE CL	0+10.52	24.8			2			7
TOTAL		25	47	93	2	2	2	187

SIGN RELOCATION		
LOCATION	STA.	REMOVE AND RELOCATE EXISTING SIGN (EACH)
ROUTE 13 CL	233+17	2
ROUTE 13 CL	233+93	1
ROUTE 13 CL	235+32	4
ROUTE 13 CL	242+55	2
ROUTE 13 CL	232+38	2
ROUTE 13 CL	234+27	4
ROUTE 13 CL	234+39	2
ROUTE 13 CL	235+59	2
ROUTE 13 CL	240+14	2
ROUTE 13 CL	240+47	1
TOTAL		22

EARTHWORK						
LOCATION	STA.	STA.	UNCLASSIFIED EXCAVATION (CY)	COMPACTING EMBANKMENT (CY)	LINEAR GRADING CLASS 2 (STA.)	REMARKS
ROUTE 13 CL	231+35.68	235+29.11	1803.3	462.7		WORK PRIOR TO PROFILE ADJUSTMENT
ROUTE 13 CL	235+29.11	244+31.02	16419.0	1.5		PROFILE ADJUSTMENT
ROUTE 13 CL	239+77		1738.0	0.3		201' 730 RD PROFILE ADJUSTMENT
TEMP ENTRANCE CL	0+00.00	6+01.28			6.0	TEMP ENTRANCE ROAD: 1316.6 CY EXC., 90.4 CY FILL
TEMP ENTRANCE CL	0+10.52				0.4	TEMP CULVERT OUTLET GRADING
TOTAL			19960	465	6.4	

*15,488 CY OF EXCESS AVAILABLE AS NEEDED FOR JOB NO. J4P2333. SHRINKAGE FACTOR OF 0.2 ASSUMED.

SEEDING COOL SEASON GRASS				
LOCATION	STA.	STA.	AMOUNT (ACRE)	DESCRIPTION
ROUTE 13 CL	231+36	234+20	0.12	LT SIDE
ROUTE 13 CL	234+53	238+94	0.25	LT SIDE
ROUTE 13 CL	239+14	244+31	0.36	LT SIDE
ROUTE 13 CL	231+36	231+99	0.03	RT SIDE
ROUTE 13 CL	232+19	239+67	0.53	RT SIDE
ROUTE 13 CL	239+87	244+31	0.25	RT SIDE
TEMP ENTRANCE CL	0+00	6+01	0.63	AFTER TEMP ENTRANCE REMOVAL
TOTAL			2.2	

TEMPORARY SEEDING				
LOCATION	STA.	STA.	AMOUNT (ACRE)	DESCRIPTION
TEMP ENTRANCE CL	0+00	6+01	0.63	FOR TEMP ENTRANCE USAGE
PAY TOTAL			1.0	

CLEARING AND GRUBBING			
LOCATION	STA.	AMOUNT (ACRE)	REMARKS
ROUTE 13 CL	233+48	0.1	CULVERT INLET RT SIDE
ROUTE 13 CL	233+41	0.1	CULVERT OUTLET LT SIDE
TOTAL		1	

SUMMARY OF QUANTITIES
SHEET 3 OF 6

STATE OF MISSOURI

JODE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

06/01/2026 3:47:35 PM

JODE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/28/2026

ROUTE

13

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

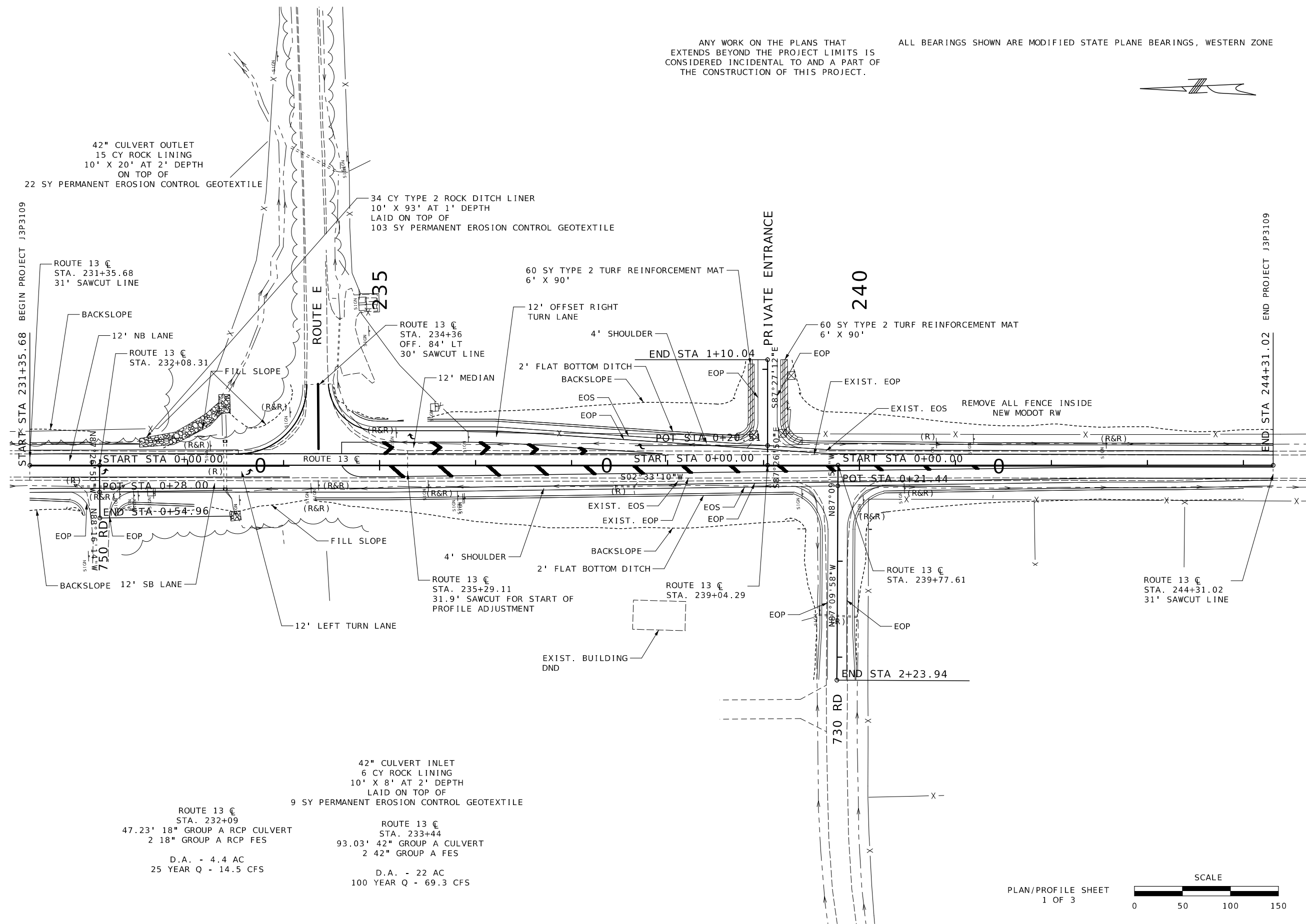
JEFFERSON CITY, MO 65102

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

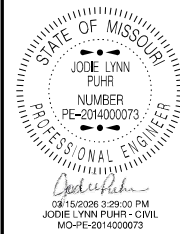
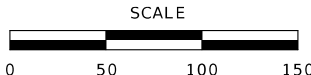
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SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	RELOC	SIGN	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2025	
																				NUMBER	QTY
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	2	16.00				END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	2	12.00				WORK ZONE (PLAQUE)	6122040		WORK ZONE CRASH CUSHION (NARROW)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00	2	6.00				END DETOUR	6122041		WORK ZONE CRASH CUSHION (RELOCATION)	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6123001	1	TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)	
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)	
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161020		CHANNELIZER (DRUM-LIKE)	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161022		CHANNELIZER (CONE)	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161025	40	CHANNELIZER (TRIM-LINE)	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161026		CHANNELIZER (VERTICAL PANEL)	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161030	10	TYPE 3 MOVEABLE BARRICADE	
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161033		DIRECTION INDICATOR BARRICADE	
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	4	48.00				SPEED LIMIT XX	6161040	2	FLASHING ARROW PANEL	
WO3-4	48X48	16.00	2	32.00				BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161070		TUBULAR MARKER	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM	
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT			CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6161096		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6161098A		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE		8	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6161099		WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6162000A		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162002		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY			TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6173600D		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED	
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6173700B		RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)			RELOCATING TEMP. TRAFFIC BARRIER ANCHORED	
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED			RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)									SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6173706		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT	
WO8-6	48X48	16.00						TRUCK CROSSING									SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6174000A		TEMPORARY RAISED PAVEMENT MARKER	
WO8-6c	48X48	16.00						TRUCK ENTRANCE									STOP HERE ON RED (45^ ARROW)	6175010A		TEMPORARY TRAFFIC SIGNALS	
WO8-7	36X36	9.00						LOOSE GRAVEL	R10-6	24X36	6.00						ROAD CLOSED	6175011B		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-2	48X30	10.00	2	20.00				ROAD CLOSED XX MILES AHEAD	6175013			
WO8-9	48X48	16.00						LOW SHOULDER									LOCAL TRAFFIC ONLY	6175020A			
WO8-11	48X48	16.00						UNEVEN LANES	R11-3a	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC	6208064A			
WO8-12	48X48	16.00						NO CENTER LINE	R11-4	60X30	12.50						FINE SIGN	9029400			
WO8-15	48X48	16.00						GROOVED PAVEMENT	CONST-3A	60X48	20.00							9029401			
WO8-15P	30X24	5.00					</														

ALL BEARINGS SHOWN ARE MODIFIED STATE PLANE BEARINGS, WESTERN ZONE



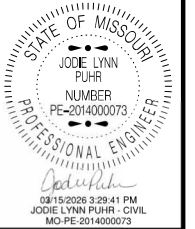
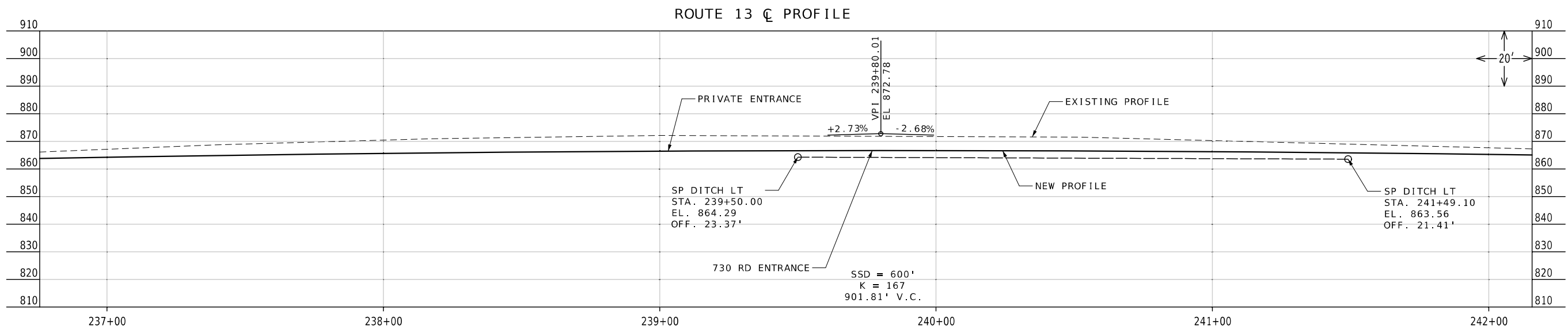
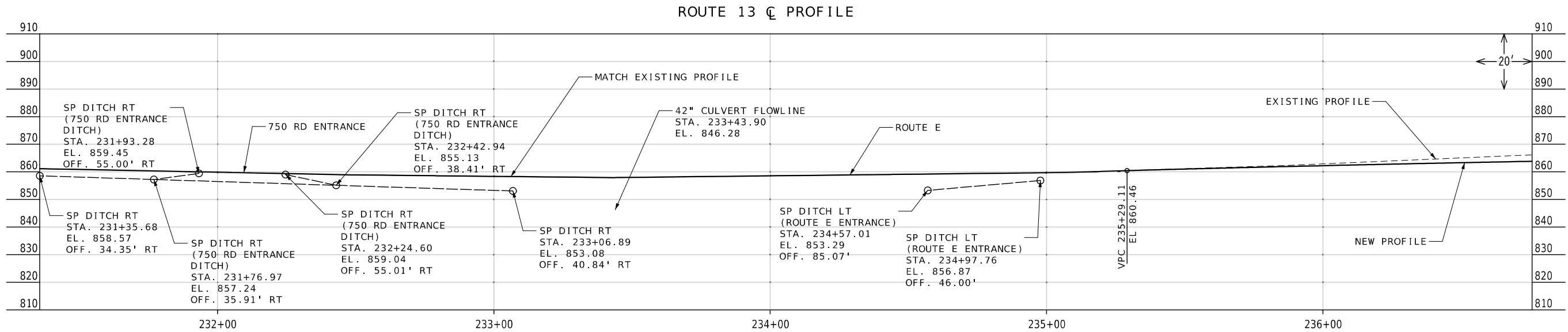
PLAN/PROFILE SHEET
1 OF 3



DATE PREPARED	
3/12/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	4
COUNTY	
JOHNSON	
JOB NO.	
J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

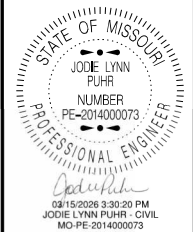
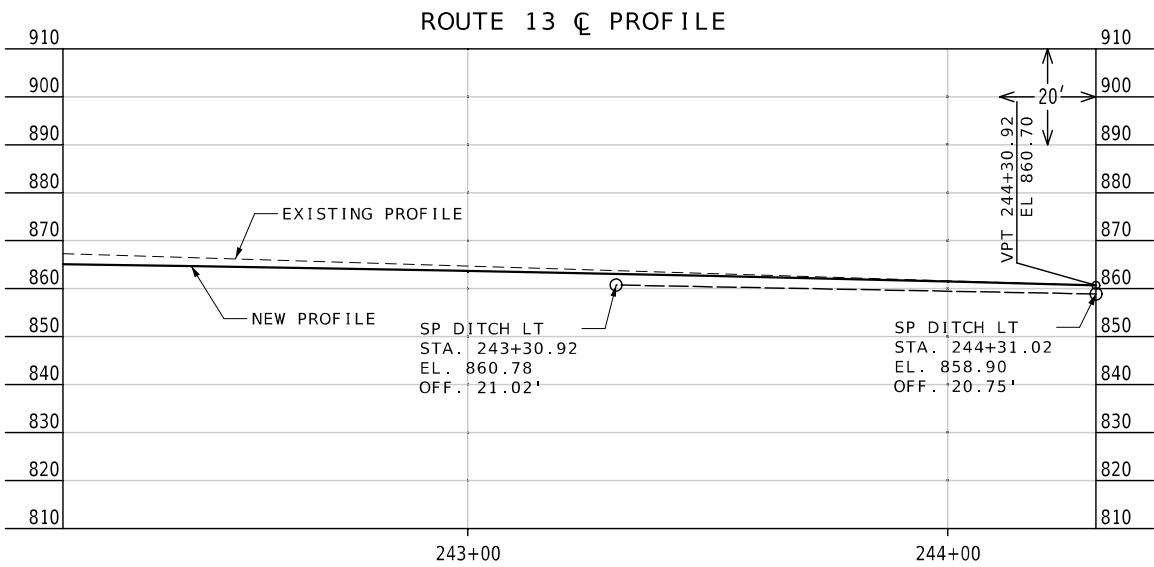
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT 1-888-275-6626



DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 5
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION



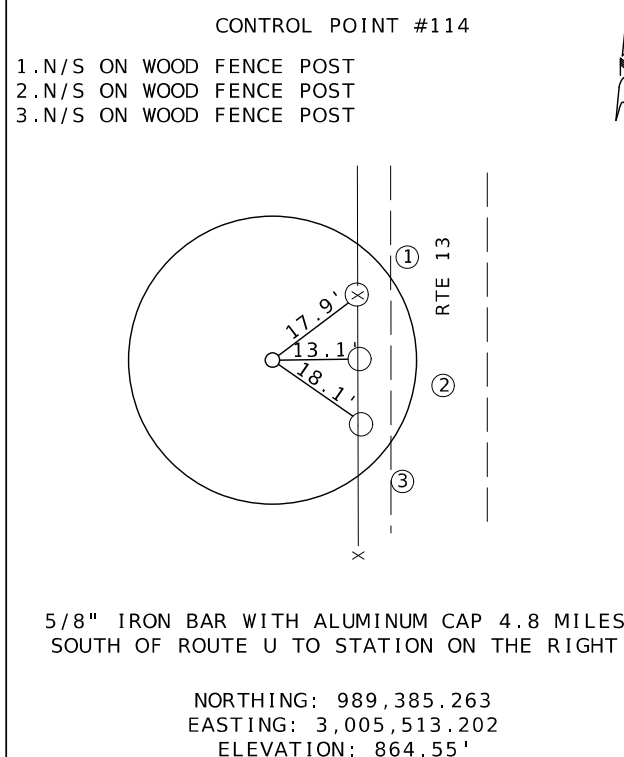
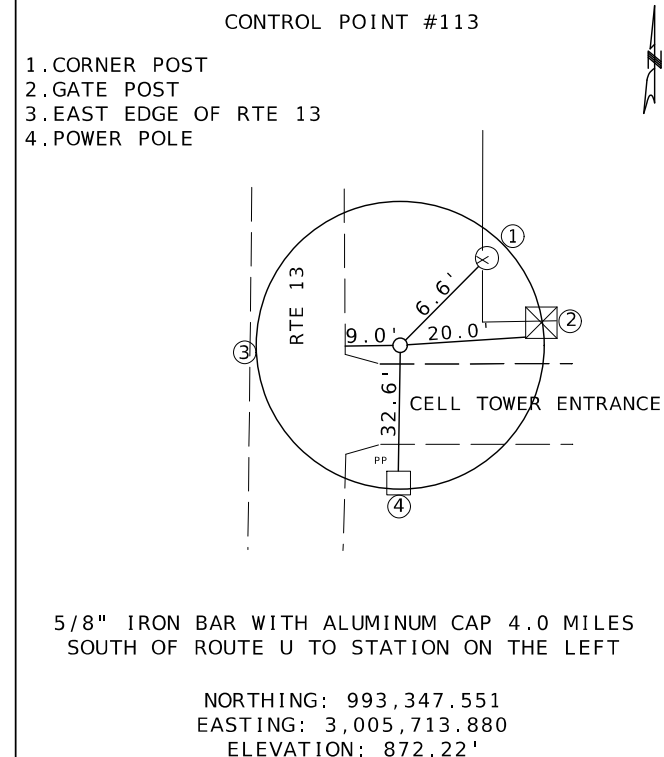
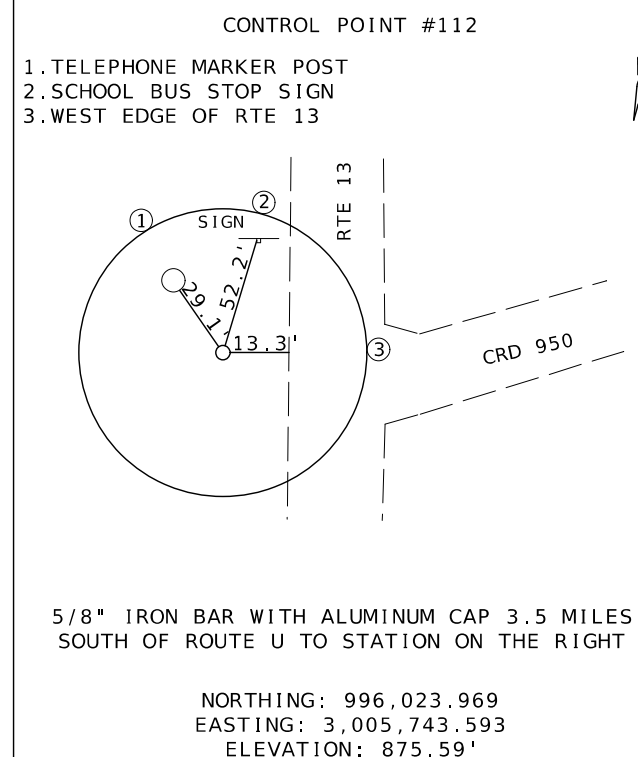
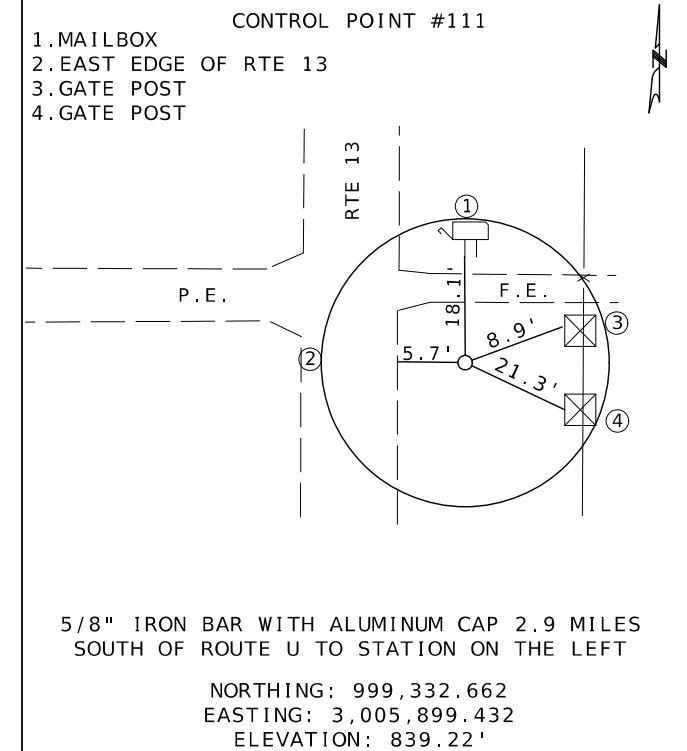
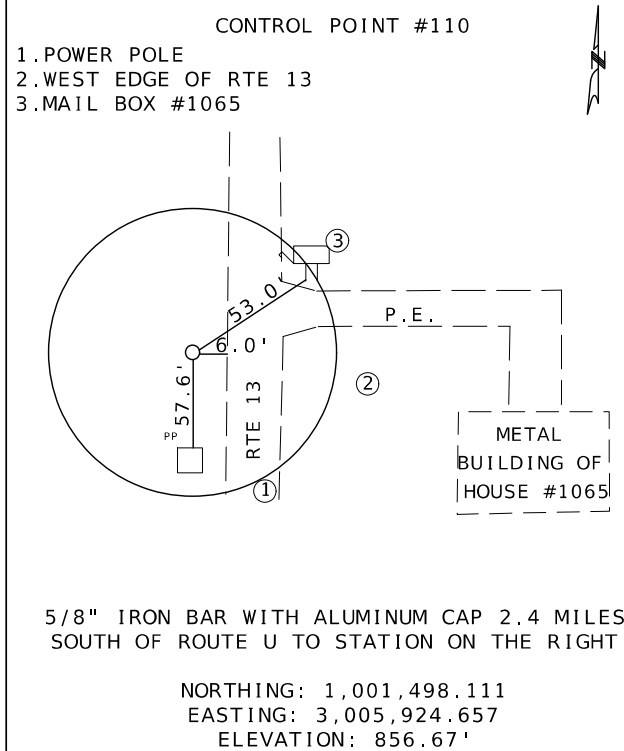
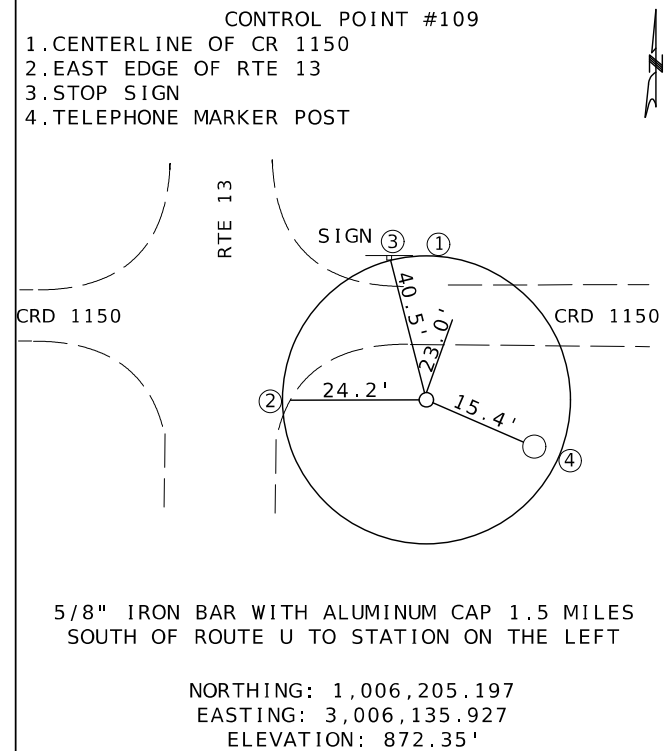
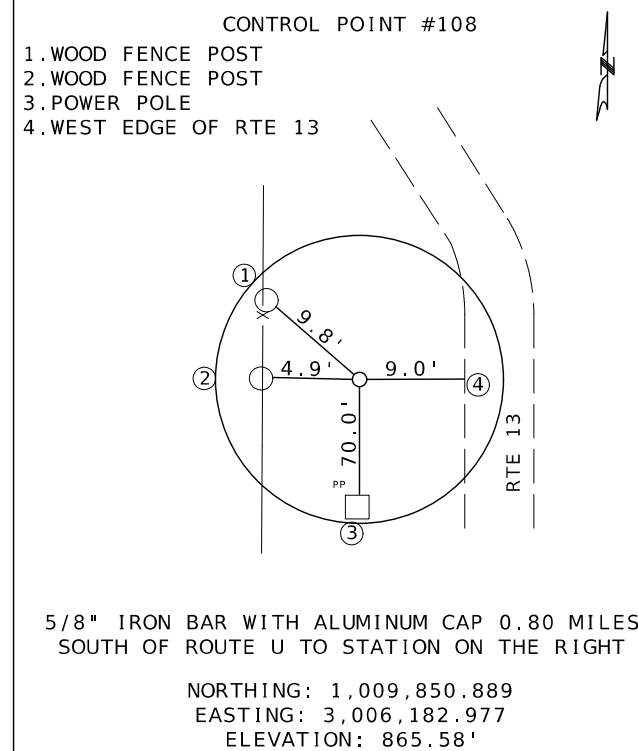


DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 6
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

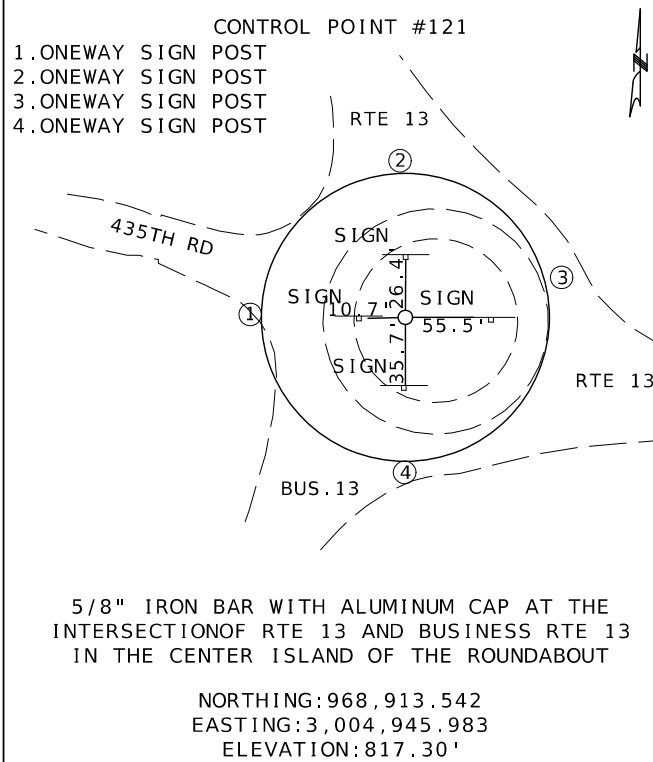
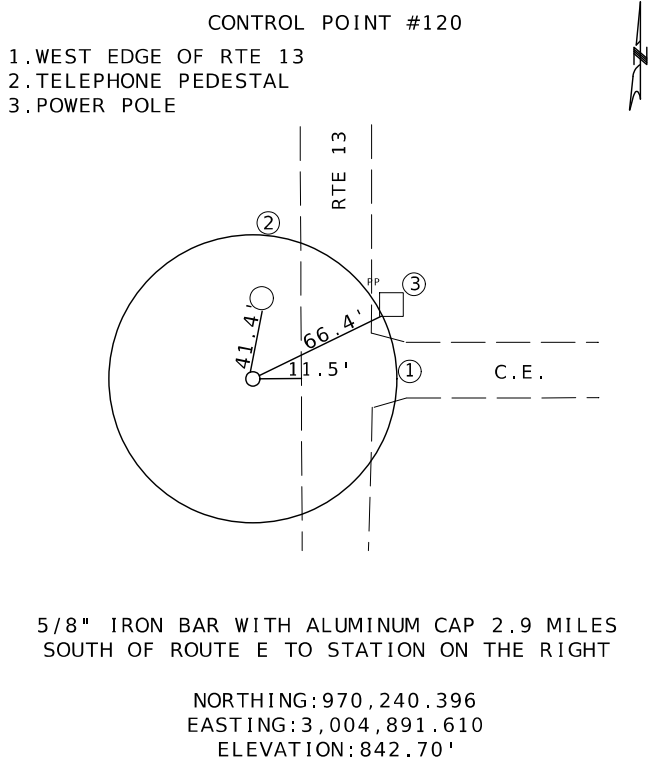
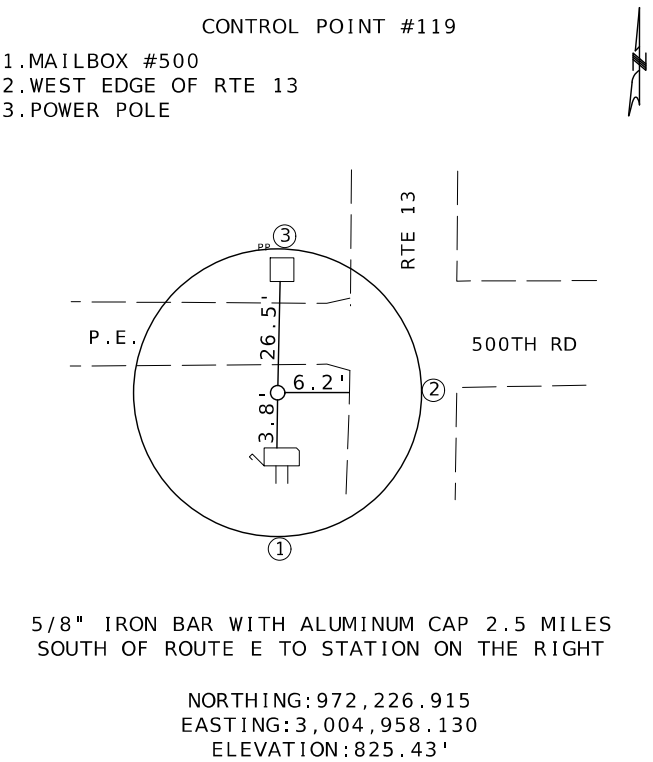
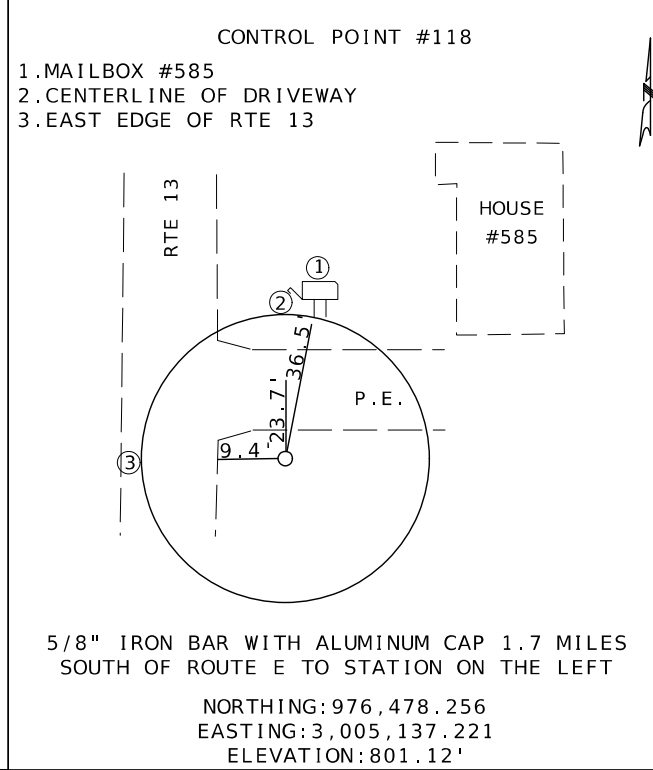
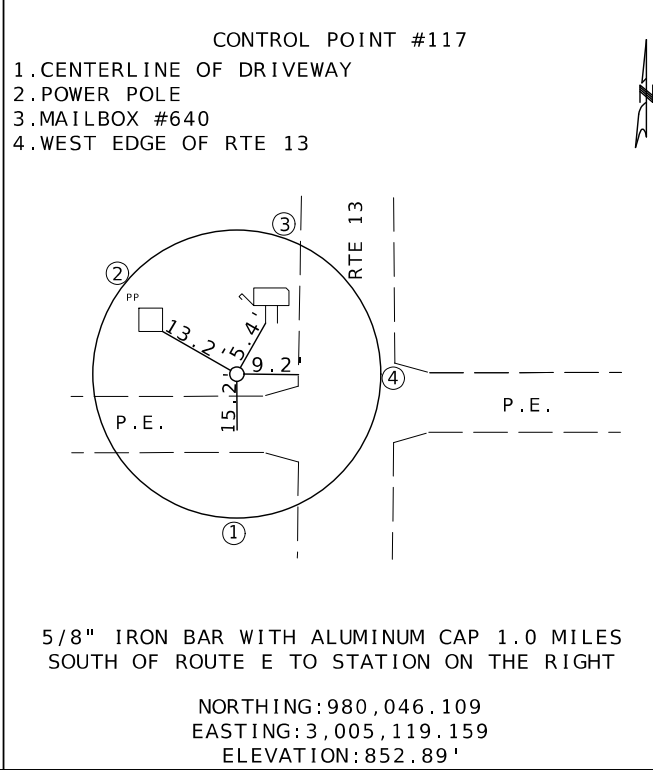
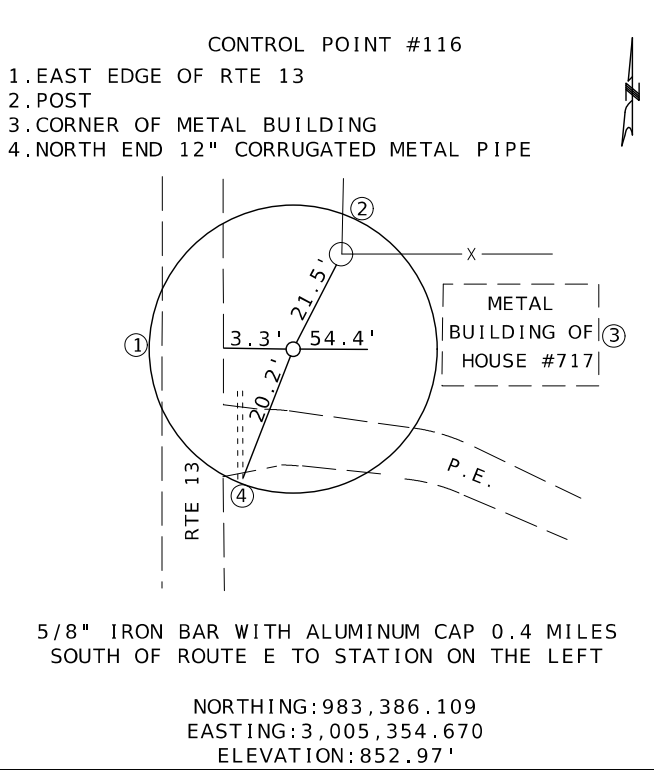
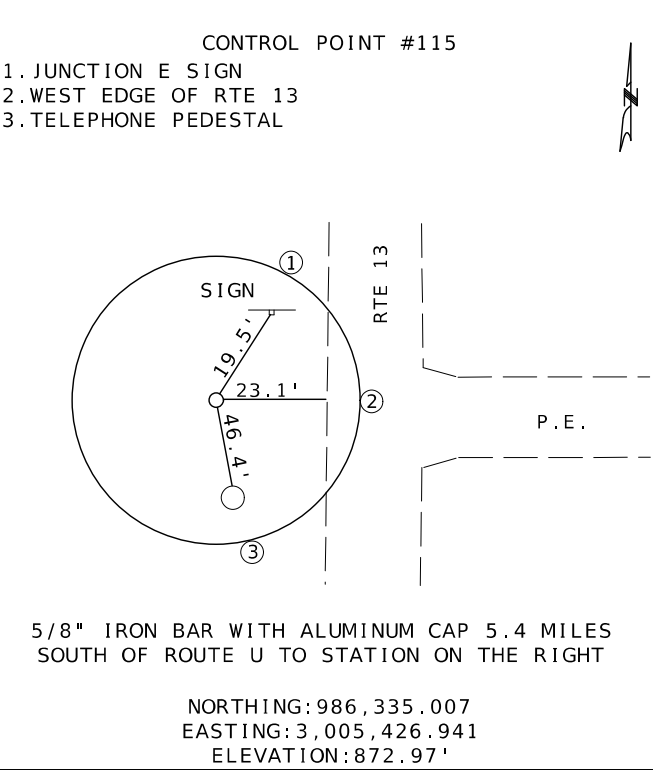
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



NOTE:
N/S = NAIL AND SHINER

REFERENCE POINT
SHEET
SHEET 1 OF 2

[illegible]



STATE OF MISSOURI

JOE LYNN

PROFESSIONAL ENGINEER

NUMBER

PE-2014000073

03/15/2026 3:02:16 PM

JOE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

3/12/2026

ROUTE

13

DISTRICT

KC

STATE

MO

SHEET NO.

9

COUNTY

JOHNSON

JOB NO.

J3P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

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

MODIFIED STATE PLANE(GROUND)

HORIZONTAL DATUM

NAD83

VERTICAL DATUM

NAVD88

GEOID MODEL

GEOID09

ELEVATIONS DETERMINED BY

GPS OBSERVATION

PROJECT PROJECTION FACTOR

1.00004008

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM

MO COORDINATE SYSTEM OF 1983

CONTROL STATION

MO GEOGRAPHIC REFERENCE SYSTEM

DESIGNATION

LF-17

CORS_ID

XX

PID

107017

LATITUDE

38°58'09.789077

LONGITUDE

93°42'45.910746

NORTHING (M)

311345.7270

EASTING (M)

918222.1960

ZONE

WEST

PROJECT AVERAGE GRID FACTOR

0.99995993

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 #01
N 989385.26 X 0.99995993 = N 989345.615
E 3005513.20 X 0.99995993 = E 3005392.769

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
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	
PROJECT CONTROL POINTS							
N/A	195+30.28	ROUTE 13 SURVEY CL	50.12' RT	989,385.26	3,005,513.20	864.55	
N/A	226+17.89	ROUTE 13 SURVEY CL	39.19' RT	986,335.01	3,005,426.94	872.97	
N/A	255+33.58	ROUTE 13 SURVEY CL	17.99' LT	983,386.11	3,005,354.67	852.97	
ALIGNMENTS							
4	231+35.68	ROUTE 13 CL	0.00'	985,815.989	3,005,443.034		BEGIN PROJECT
4	244+31.02	ROUTE 13 CL	0.00'	984,521.940	3,005,385.339		END PROJECT
10	0+00.00	TEMP ENTRANCE CL	0.00'	985,457.400	3,005,413.864		BEGIN PROJECT
10	0+31.04	TEMP ENTRANCE CL	0.00'	985,459.176	3,005,382.875		PC
10	0+89.12	TEMP ENTRANCE CL	0.00'	985,462.500	3,005,324.885		PI
10	1+21.53	TEMP ENTRANCE CL	0.00'	985,404.450	3,005,322.846		PT
10	4+31.53	TEMP ENTRANCE CL	0.00'	985,094.642	3,005,311.961		PC
10	4+73.66	TEMP ENTRANCE CL	0.00'	985,052.547	3,005,310.482		PI
10	4+97.56	TEMP ENTRANCE CL	0.00'	985,054.260	3,005,268.395		PT
10	6+01.28	TEMP ENTRANCE CL	0.00'	985,058.477	3,005,164.766		END PROJECT

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/25/2025 7:45:54 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

3/25/2026

ROUTE

13

DISTRICT

KC

STATE

MO

SHEET NO.

10

COUNTY

JOHNSON

JOB NO.

J3P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

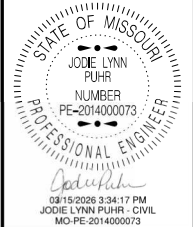
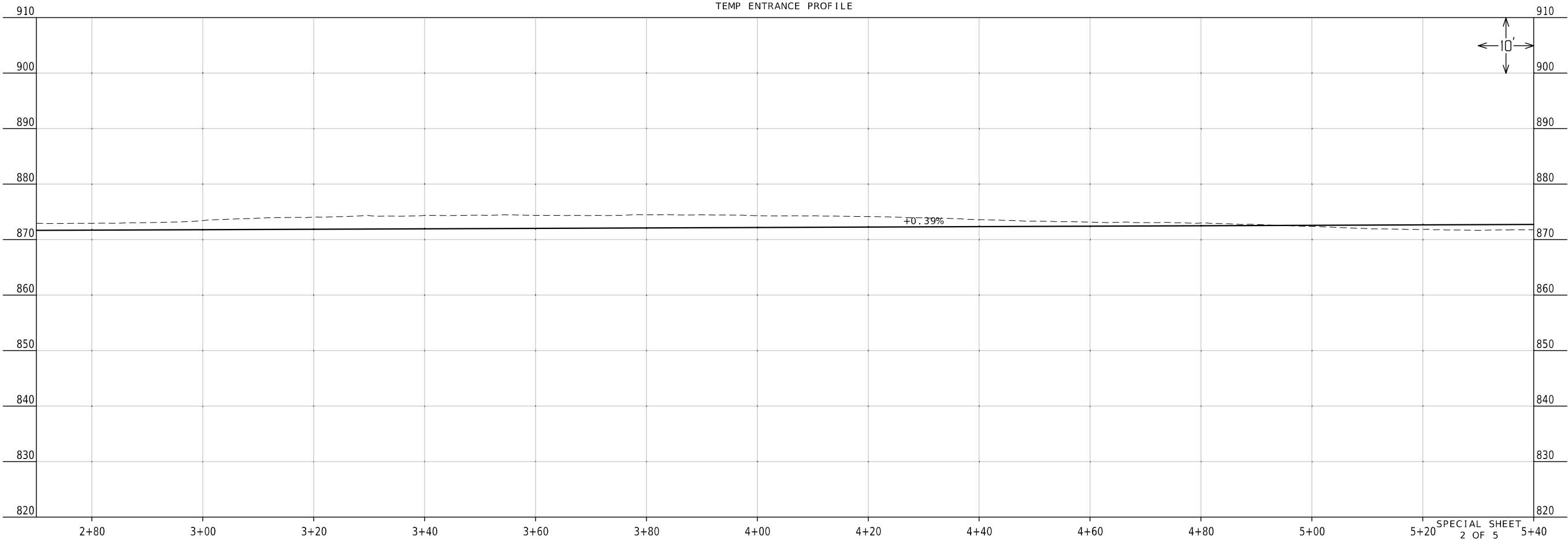
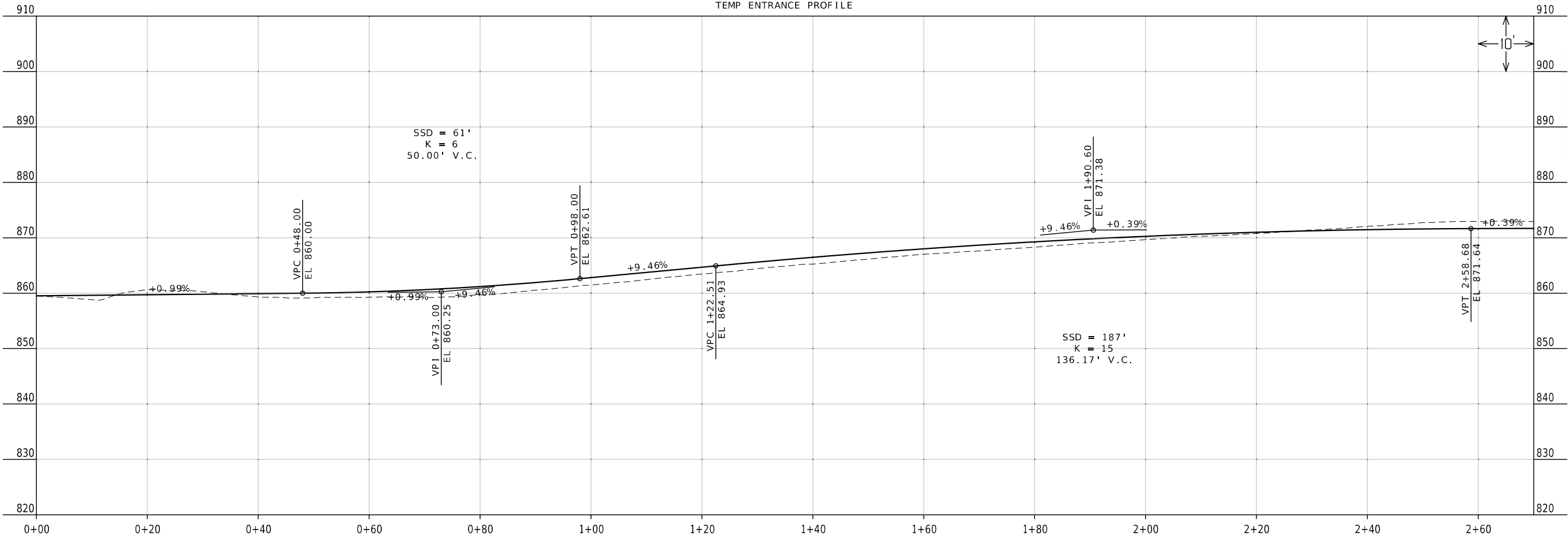
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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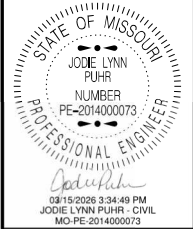
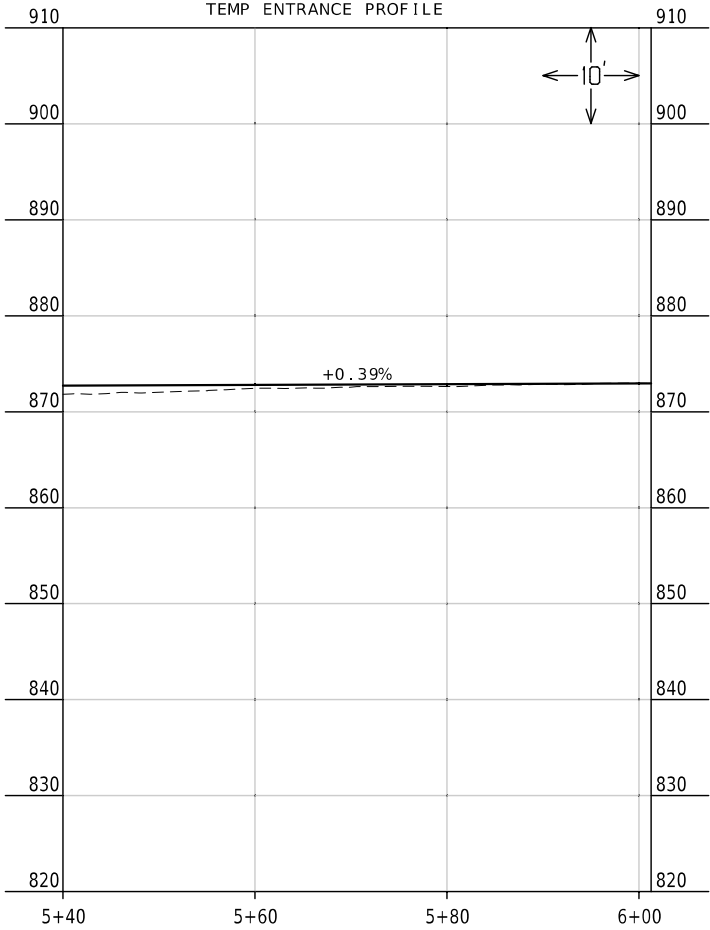


DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 12
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



DATE PREPARED
3/12/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 13

COUNTY
JOHNSON

JOB NO.
J3P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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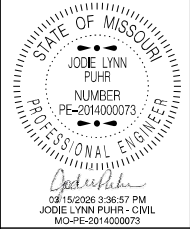
SPACING AND TAPER LENGTHS FOR WORK ZONE SIGNS, CHANNELIZERS AND CONCRETE BARRIER

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
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 TREATMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3)			END TREATMENT (4)
	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 (3)			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:
- (1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED CONDITION.
 - (2) SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
 - (3) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER
 - (4) CONCRETE BARRIER MAY BE INSTALLED AT 8:1 FLARE RATE FROM THE SHOULDER POINT OF THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER



DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 16
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

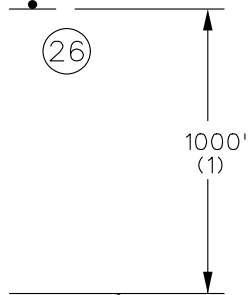
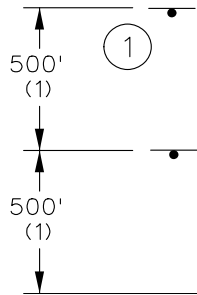
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



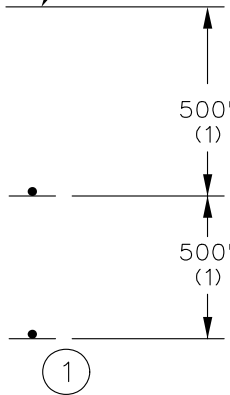
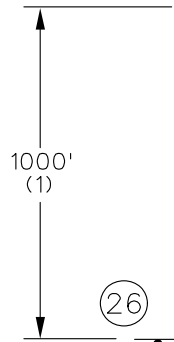
105 WEST CAPITOL
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WORK ZONE
NO PHONE
ZONE

SPECIAL (4)



END OF PROJECT LIMITS;
END OF WORK ZONE
TERMINATION AREA, IF
LOCATED BEYOND END
OF PROJECT; OR LAST
WORK ZONE SIGN, IF
LOCATED OUTSIDE
PROJECT LIMITS.



BEGINNING OF PROJECT LIMITS;
OR INITIAL WORK ZONE SIGN, IF
LOCATED OUTSIDE PROJECT LIMITS.

WORK ZONE
NO PHONE
ZONE

SPECIAL (4)

TWO-LANE UNDIVIDED

NOTES:

SIGN G020-1 IS REQUIRED PER EPG 616.6.56.

SIGN G020-2 IS USED ON ALL PROJECTS WHERE SIGN G020-1 IS USED.

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 ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) SIGN CONST-5-96 OR CONST-5-48 IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN G020-1 ROAD WORK NEXT XX MILES.

(4) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

ROAD WORK
NEXT XX MILES

G020-1

(1)

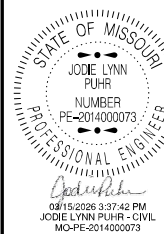
END
ROAD WORK

G020-2

(26)

WORK ZONE
NO PHONE
ZONE

SPECIAL (4)



DATE PREPARED
3/12/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
17

COUNTY
JOHNSON

JOB NO.
J3P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

DATE

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BRIDGE NO.

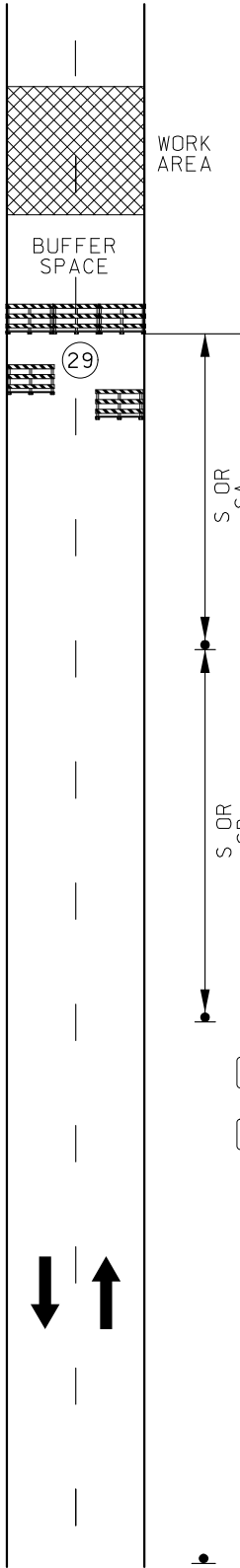
1. *Journal of the American Medical Association*, 2000; 283: 2689-2693.



ONE LANE CLOSURE TWO WAY
FLAGGER CONTROL
TEMPORARY
TRAFFIC CONTROL
SHEET 3 OF 7



R11-2
(29)



W020-3a



W020-1

BRIDGE
OR
RAMP
W025-6



R11-3a

NOTES:

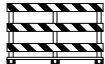
SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

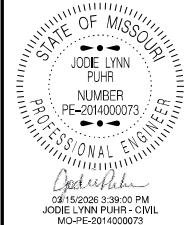
WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

"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 EACH 8-FEET OF PAVEMENT. PAVED SHOULDERS SHALL BE INCLUDED IN THE AREA TO BE CLOSED.

IF USED, THE "ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY" OR "ROAD CLOSED TO THRU TRAFFIC" SIGN SHOULD BE LOCATED AT THE FIRST STATE ROUTE OR, UPON THE DISCRETION OF THE ENGINEER, ANY OTHER INTERSECTION IN ADVANCE OF THE CLOSURE. ADDITIONAL BARRICADES MAY BE USED AND OFFSETTED TO FACILITATE ACCESS FOR WORK VEHICLES, LOCAL TRAFFIC, ETC.



BARRICADE



DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 19
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

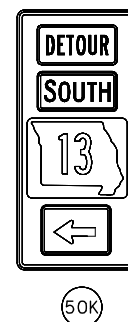
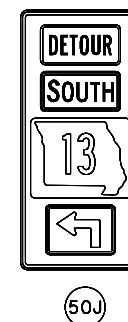
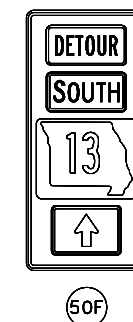
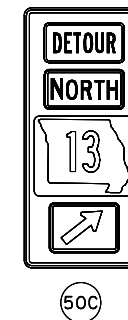
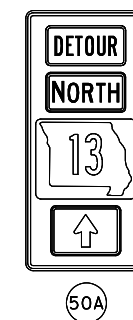
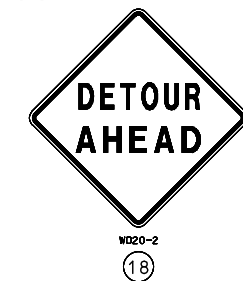
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



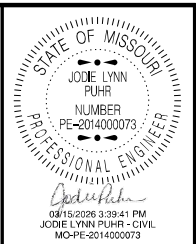
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

	SIGN (SINGLE SIDED)
	SIGN (DOUBLE SIDED)
	FLAGGER
	CONE
	CHANNELIZER
	BARRICADE
	CHANGEABLE MESSAGE BOARD



TRAFFIC CONTROL
SHEET 5 OF 7

KNOB KNOSTER

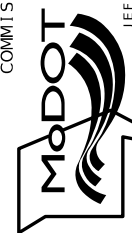


DATE PREPARED	
3/12/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	20
COUNTY	
JOHNSON	
JOB NO.	
J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]

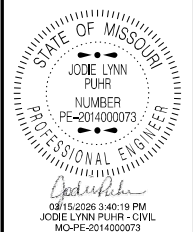
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITAL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-2-75-6636)



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- ◁ FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- CHANGEABLE MESSAGE BOARD



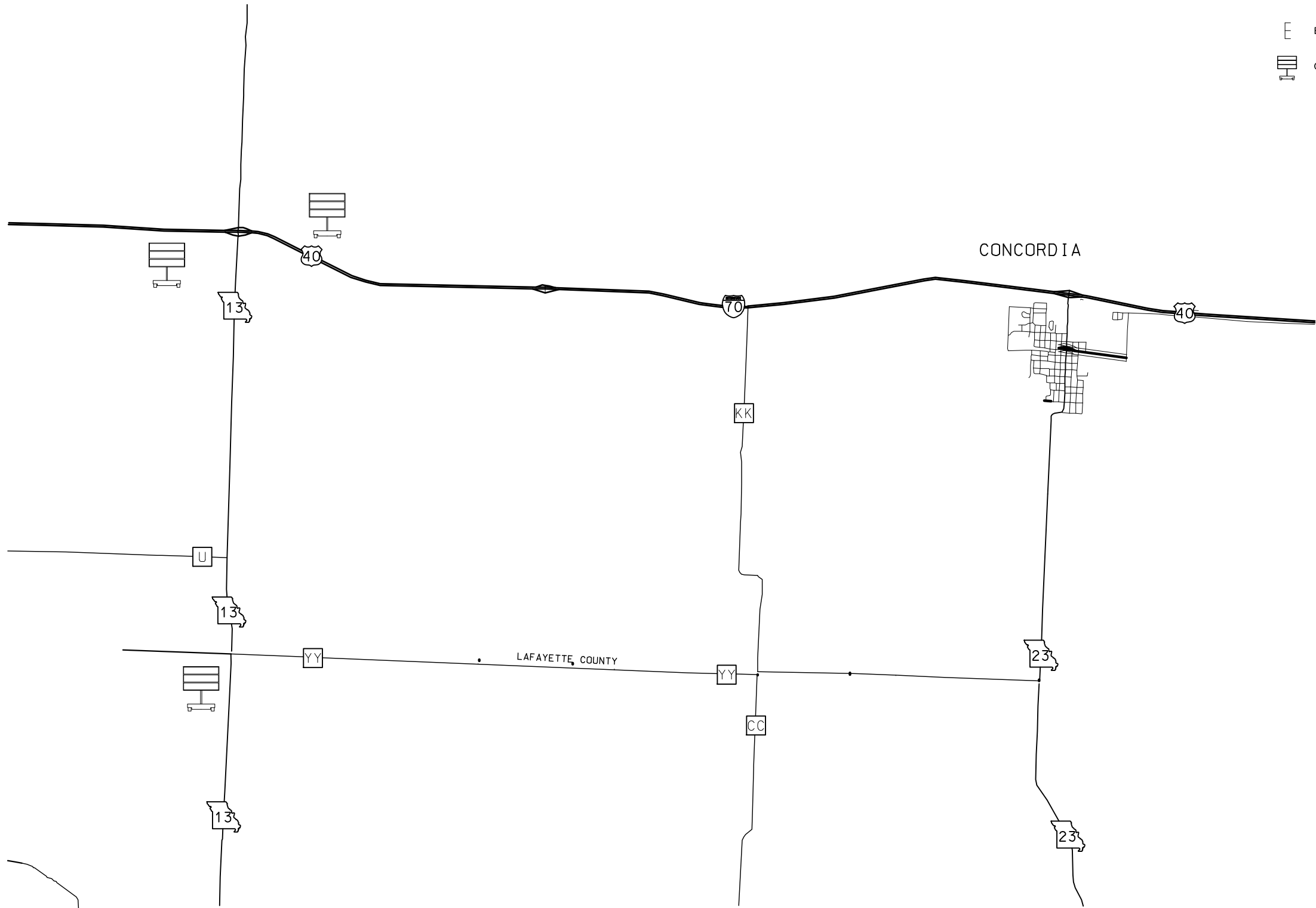
DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 21
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

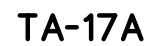
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



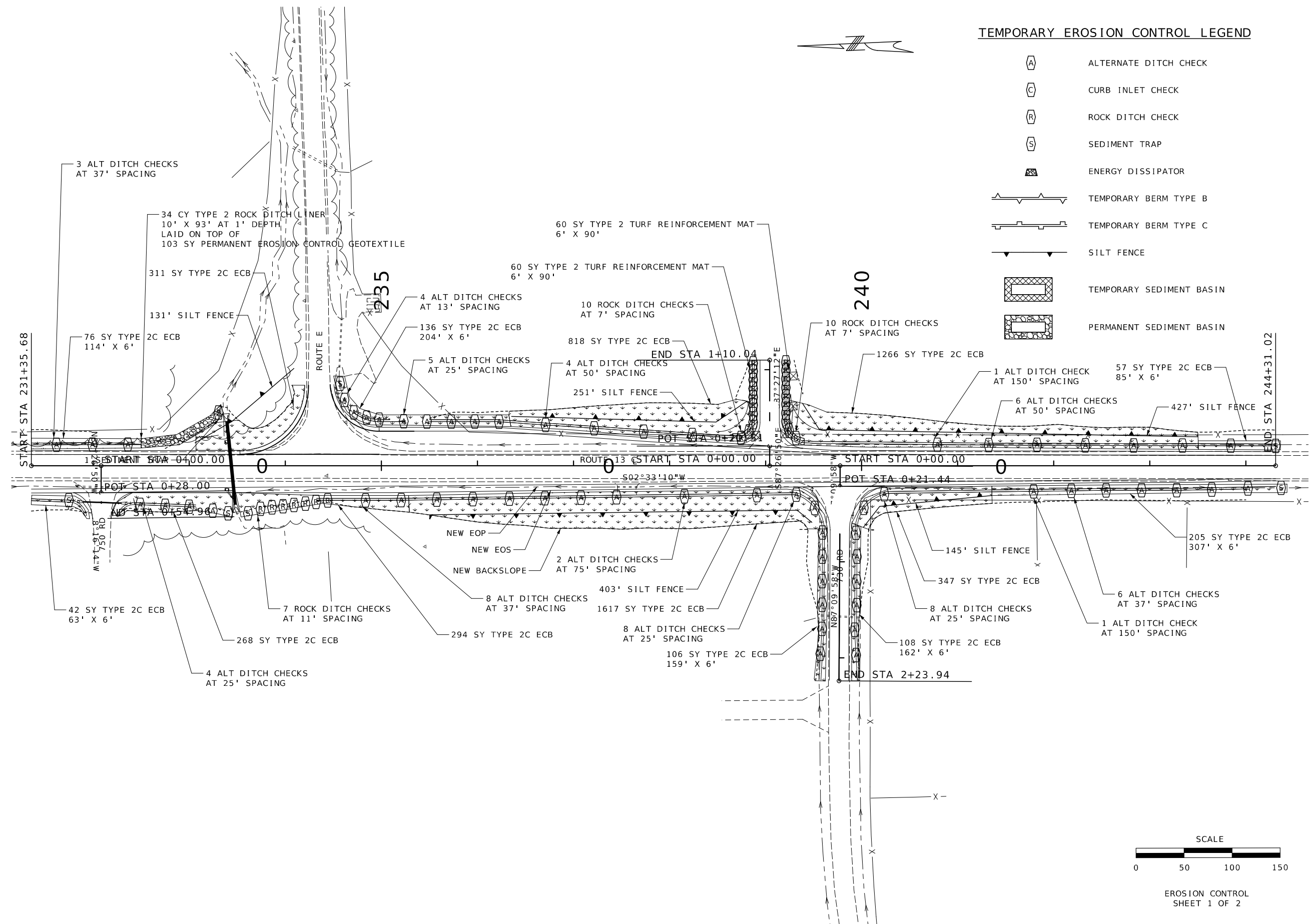
MATCHLINE TC SHEET 5

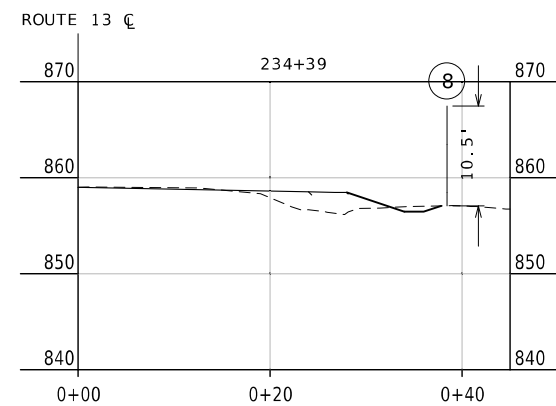
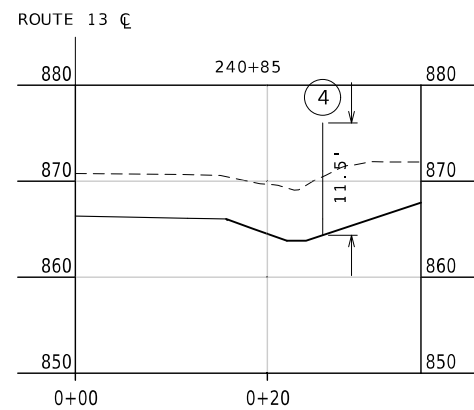


(3). ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

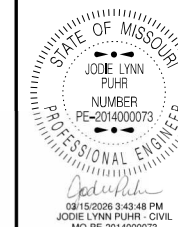
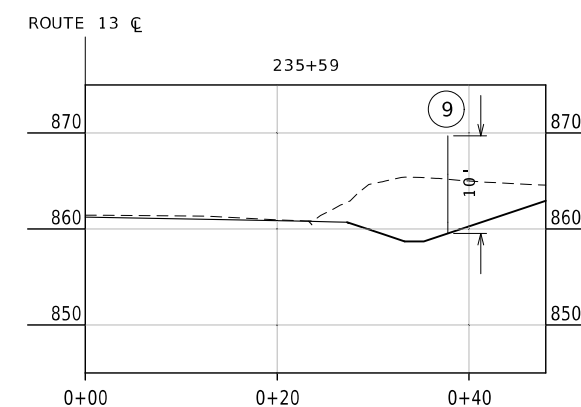
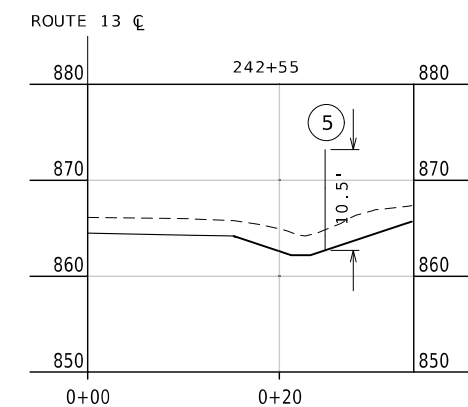
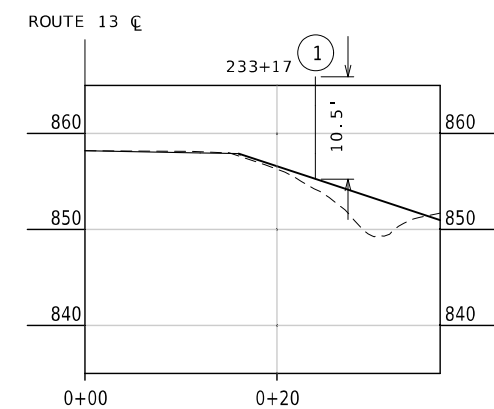
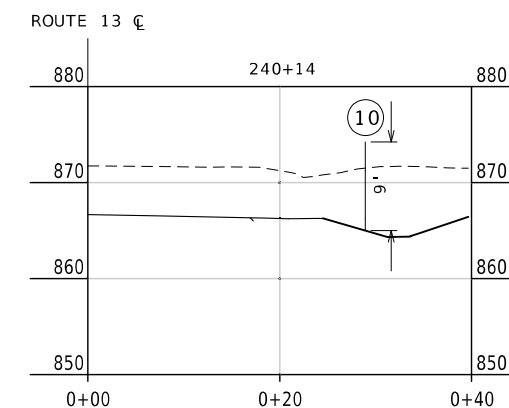
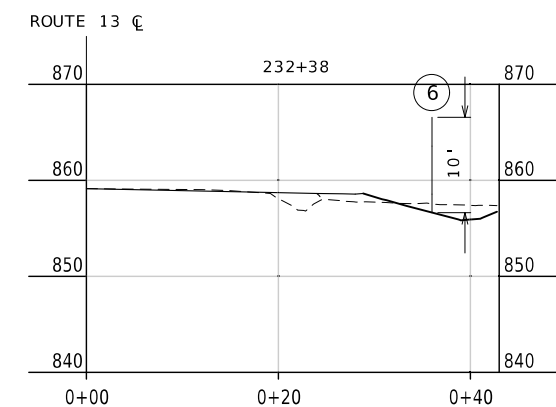
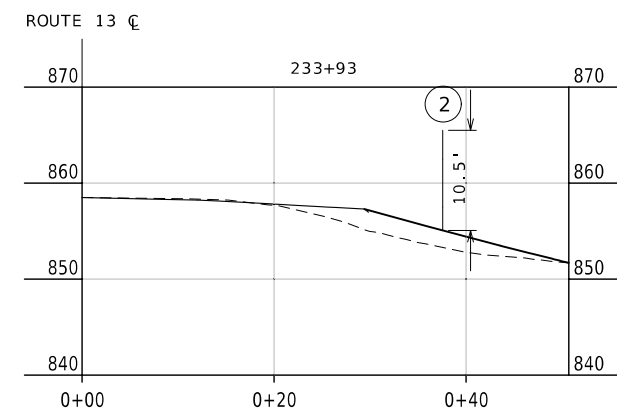
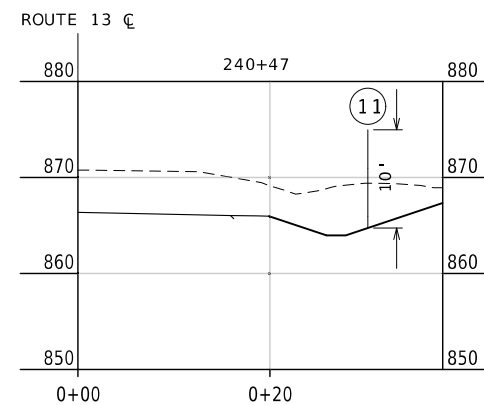
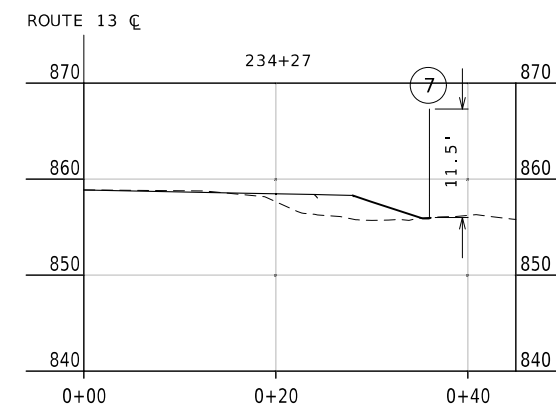
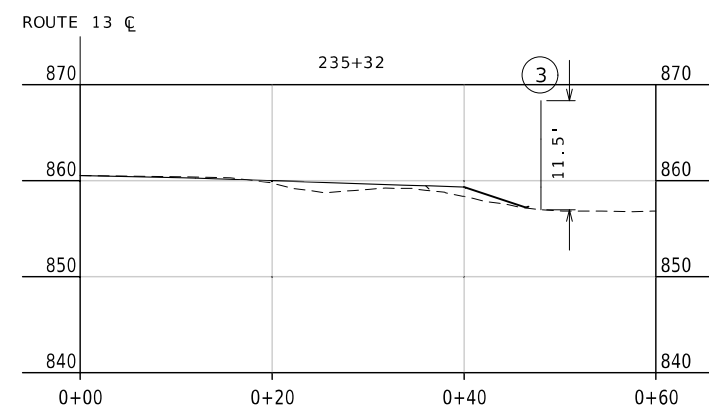
TRAFFIC CONTROL
SHEET 7 OF 7



[illegible]



LENGTHS DEPICTED SHOW
ENTIRE LENGTH OF SIGN POST NEEDED



DATE PREPARED

3/12/202

ROUTE	ST
1	1

13	M
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DISTRICT
KC

RC	4
COUNTY	

COUNTY
JOHNSON

JOHNSON

JOB NO.

13P3109

CONTRACT ID

PROJECT NO. _____

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

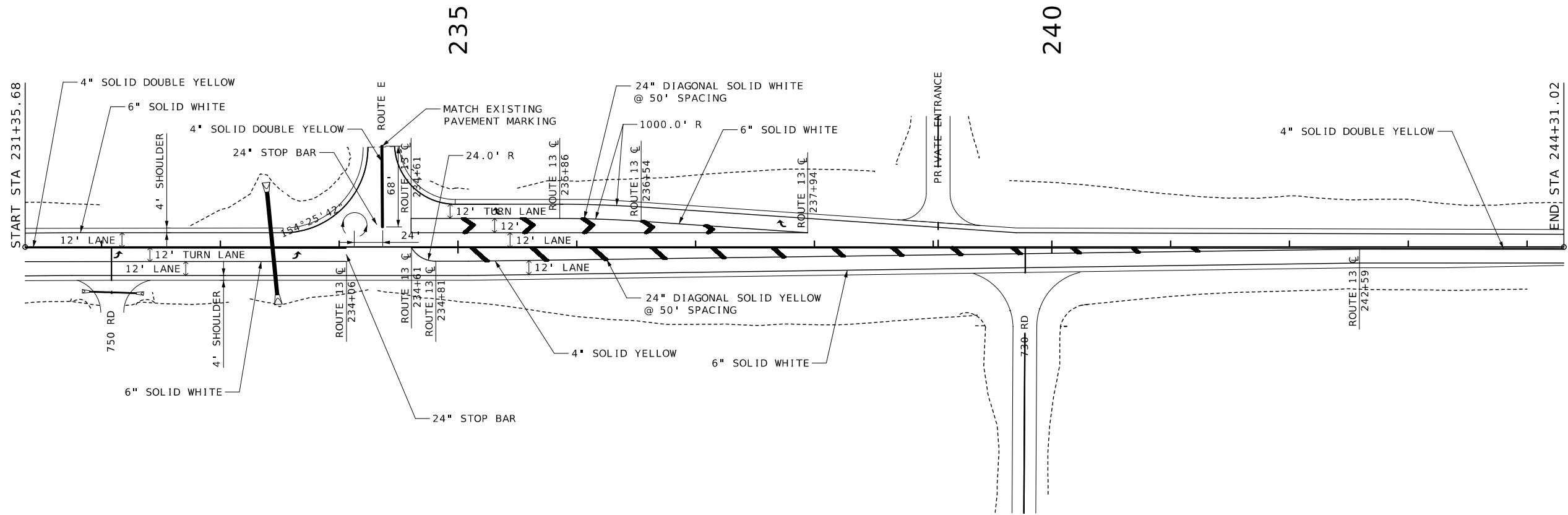
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SIGNING SHEET
2 OF 4

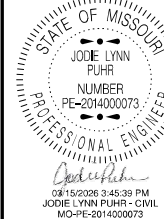
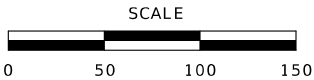
[illegible]

ROUND PIPE POST AND FOOTING DATA TABLE						
NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE C.Y.
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	
2½"	5.79	0.48	4' - 3½"	12"	4'-6"	0.13
4"	10.79	0.90	5' - 3½"	18"	5'-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE														
POST DES. NO.		NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING								
			LBS/FT	LBS/IN		DIA.	LEVEL GROUND		6:1 GRADE		4:1 GRADE		3:1 OR 2:1 GRADE	
							DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17	
2	W8	15.0	1.25	24"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54	
3	W8	18.0		4'-0"	28"	4'-0"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78	
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.48	
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52	
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65	



PAVEMENT MARKING SHEET
1 OF 1



DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 29
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	

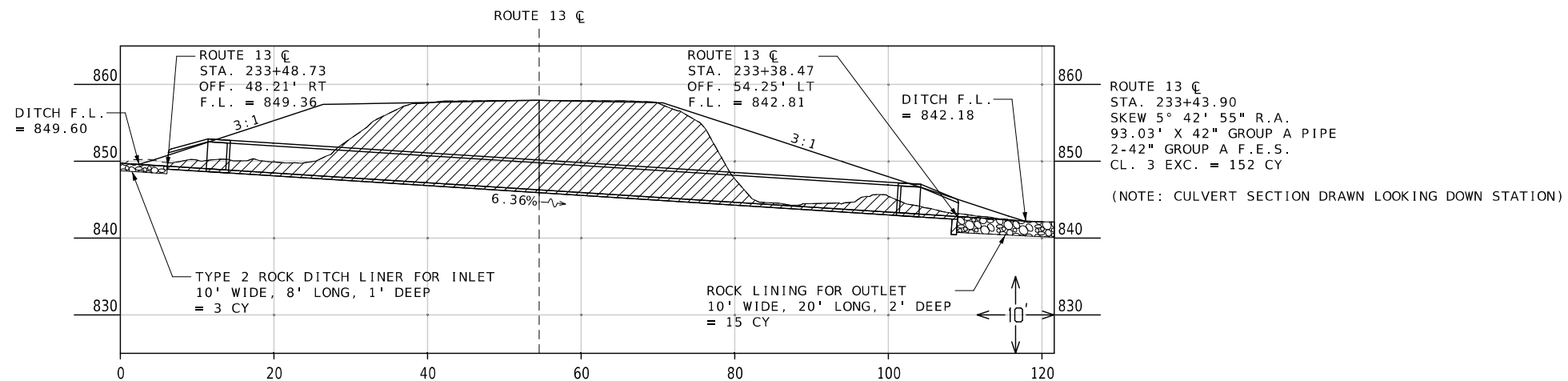
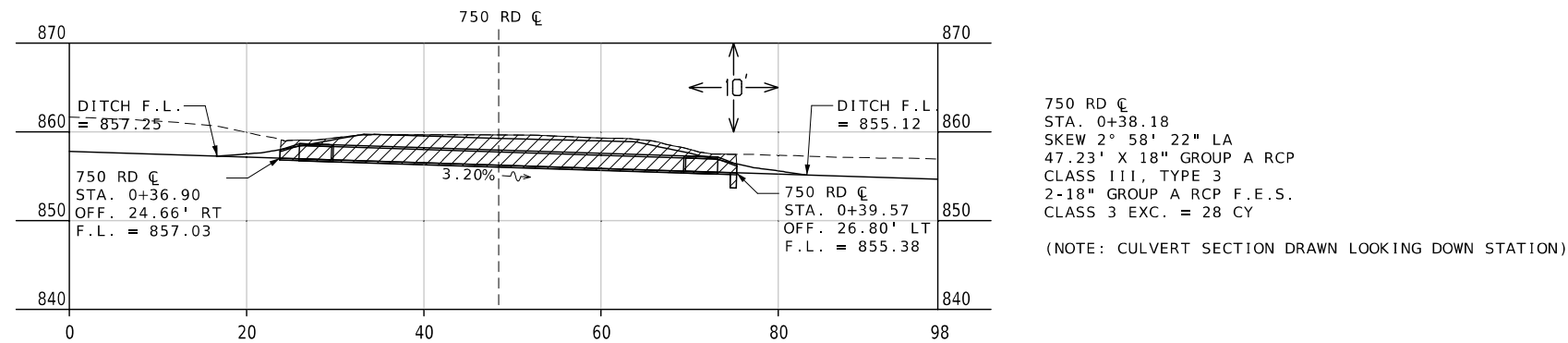
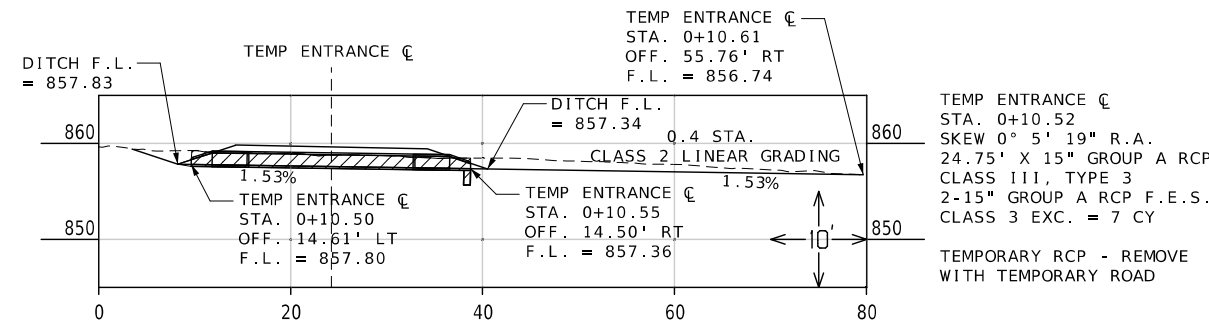
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



STATE OF MISSOURI

JODIE LYNN

PE-2014000073

PROFESSIONAL ENGINEER

08/19/2026 3:46:25 PM

JODIE LYNN PLUMR - CIVIL

MO-PE-2014000073

DATE PREPARED

3/12/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

30

COUNTY

JOHNSON

JOB NO.

J3P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

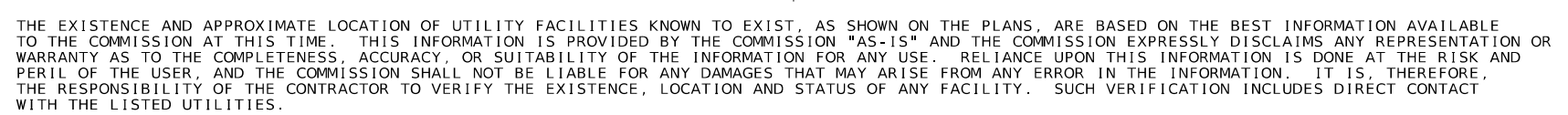
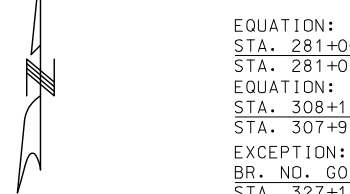
1-888-ASK-MODOT (1-888-275-6636)

A.A.D.T. - 2026 = 7,800
A.A.D.T. - 2046 = 8,700
D.H.V. = 9%
T = 12%
V = 60 M.P.H.
D = 50%

FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL

	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	— V —	— V —
WOVEN WIRE	— X —	— X —
GATE POST		
BENCHMARK		

The map shows the outline of the United Kingdom. A small rectangle in the north-east corner indicates the location of the study area, which is shown in more detail in the inset map. The inset map shows the counties of Northumberland, Durham, and Tyne and Wear, with the study area highlighted in a darker shade.



PUHR NUMBER

	DESCRIPTION	

[illegible]

APPARENT LENGTH	23,765.07 FEET	DA						
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EQUATIONS AND EXCEPTIONS:

EQU:	281+00.00	BK	=	281+04.36	AH	-4.36	FEET
EQU:	308+19.62	BK	=	307+92.40	AH	27.22	FEET
EQU:	465+93.17	BK	=	466+35.00	AH	-41.83	FEET

CORRECTIONS: -494.52 FEET S M I I J E S K

BEGINNING OF PROJECT	STA.	0 + 00.00
END OF PROJECT	STA.	398 + 20.50

APPARENT LENGTH	39,820.50 FEET	55	2
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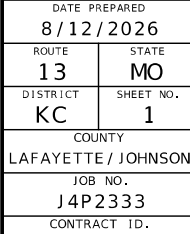
EQUATIONS AND EXCEPTIONS:

EQU: 105+93.62	BK = 105+98.50	AH = 4.88	FEET
EQU: 127+93.90	BK = 128+00.00	AH = -6.10	FEET
EQU: 190+00.00	BK = 190+08.60	AH = -8.60	FEET
EQU: 225+20.65	BK = 225+56.30	AH = -35.65	FEET
EQU: 253+82.58	BK = 253+48.88	AH = 33.70	FEET
EQU: 396+60.33	BK = 396+38.82	AH = 21.51	FEET

CORRECTIONS: -1,295.36 FEET

TOTAL APPARENT LENGTH	63,585.57	FEET
TOTAL CORRECTIONS	-1,789.88	FEET

STATE LENGTH	11.704 MILES
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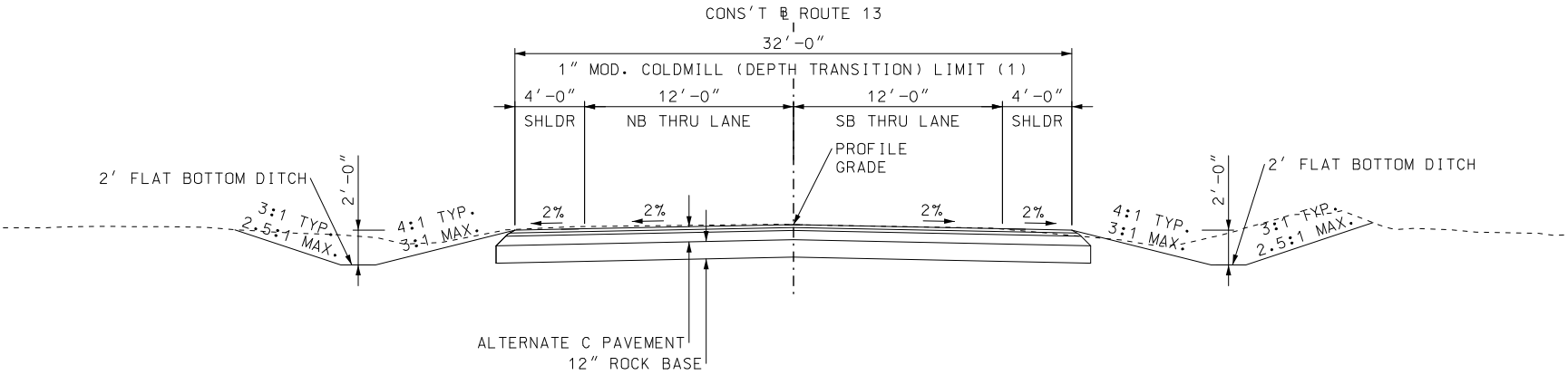
DATE						
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ORTA
ST CAR
MO 6
-275-

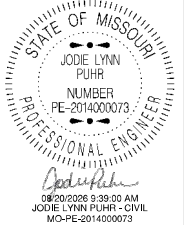


ALTERNATE PAVEMENT			
BASE TYPE	ALTERNATE C		TACK COAT
	HMA 10.5" DESIGN		
12" ROCK BASE	2" SP125C	PG70-22	TACK COAT WILL BE APPLIED BETWEEN ASPHALT LIFTS
	2" SP125C	PG70-22	
	6.5" SP190C	PG64-22	

NOTES:
(1) 1" MOD. COLDMILL (DEPTH TRANSITION)
STA. 501+01.90 TO STA. 501+51.90



TYPICAL SECTION - ALT C
ROUTE 13 (AT ROUTE YY)
STA. 501+01.90 TO STA. 502+24.06 (LAFAYETTE CO.)
STA. 0+00.00 TO STA. 5+91.67 (JOHNSON CO.)



DATE PREPARED 8/20/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

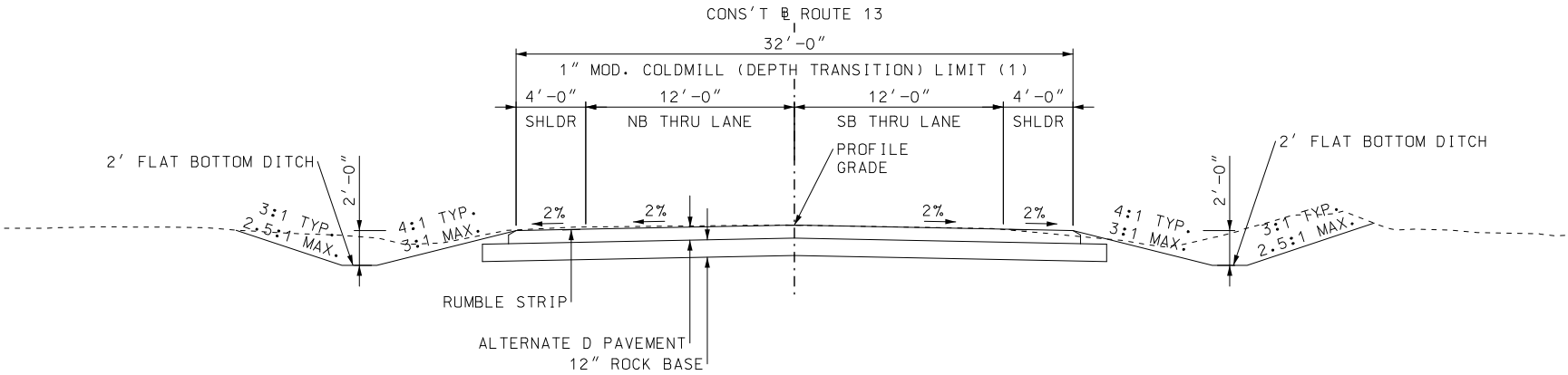
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

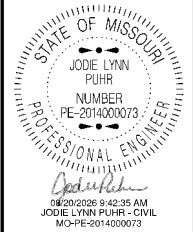
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

ALTERNATE PAVEMENT	
BASE TYPE	ALTERNATE D PCCP 9" DESIGN
12" ROCK BASE	9" PCCP
	1-1/2" DOWELS
	15 FT. JOINT SPACING

NOTES:
(1) 1" MOD. COLDMILL (DEPTH TRANSITION)
STA. 501+01.90 TO STA. 501+51.90



TYPICAL SECTION - ALT D
ROUTE 13 (AT ROUTE YY)
STA. 501+01.90 TO STA. 502+24.06 (LAFAYETTE CO.)
STA. 0+00.00 TO STA. 5+91.67 (JOHNSON CO.)



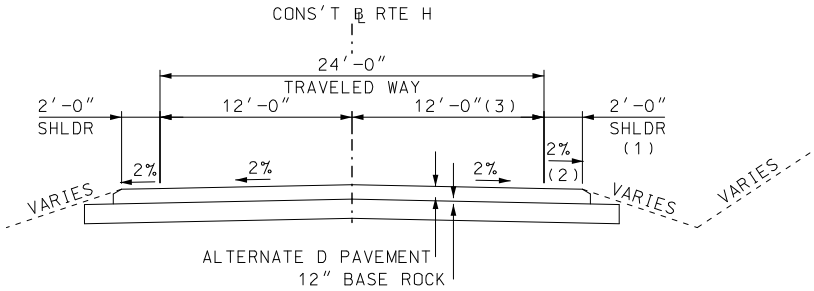
DATE PREPARED 8/20/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

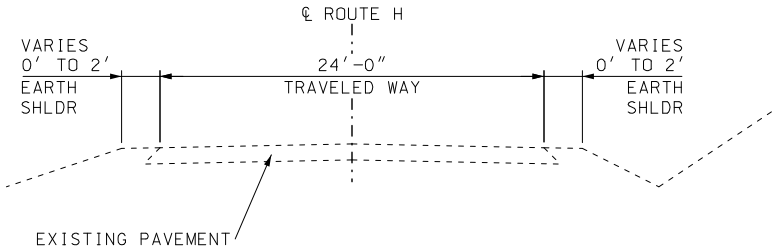
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ALTERNATE PAVEMENT	
BASE TYPE	ALTERNATE D PCCP 9" DESIGN
12" ROCK BASE	9" PCCP
	1-1/2" DOWELS
	15 FT. JOINT SPACING

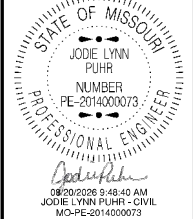


TYPICAL SECTION - ALT D
ROUTE H
STA. 1+93.71 TO STA. 3+38.97



EXISTING TYPICAL SECTION
ROUTE H

- NOTES:
- (1) STA. 2+36.68 TO STA. 2+76.24 RT
SHOULDER WIDTH = 2' TO 4'
 - (2) STA. 2+76.24 TO STA. 2+88.63 RT
SHOULDER SLOPE = 2% TO 4%
STA. 2+88.63 TO STA. 3+24.31 RT (STA. 207+97.35 RTE 13 RT)
SHOULDER SLOPE = 4%
 - (3) STA. 2+36.68 TO STA. 2+89.08 RT
WIDTH = 12' TO 17.2'



DATE PREPARED 8/20/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 2

COUNTY LAFAYETTE / JOHNSON
JOB NO. J4P2333
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

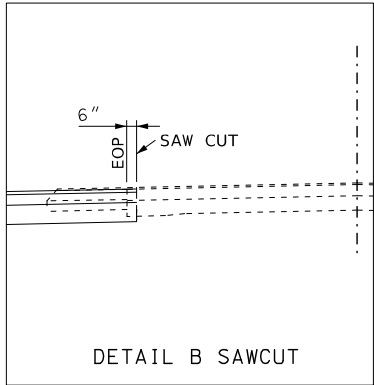
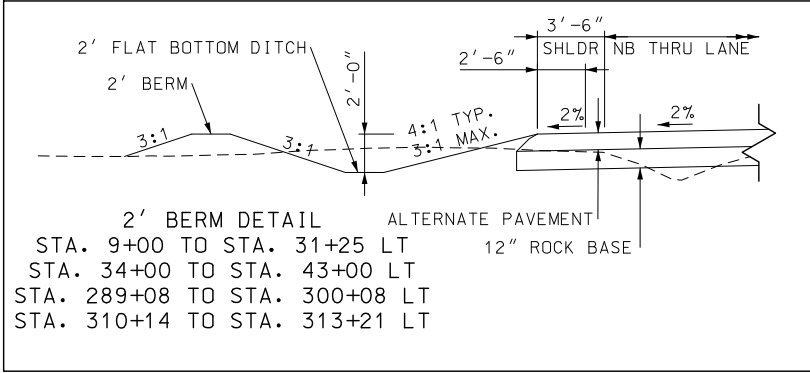
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT

ALTERNATE PAVEMENT		
BASE TYPE	ALTERNATE E	
	HMA DESIGN	
12" ROCK BASE	2" SP125C	PG70-22
	6.5" SP190C	PG64-22
CAP W/ 2" SP125C W/ PG70-22		TACK COAT
		TACK COAT WILL BE APPLIED BETWEEN ASPHALT LIFTS

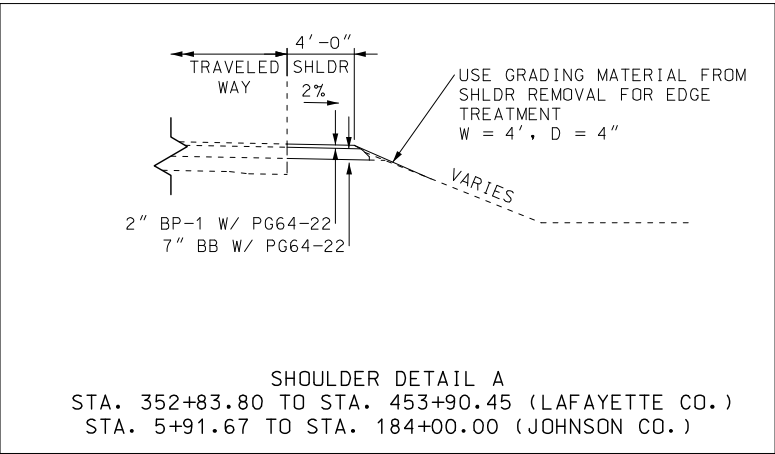
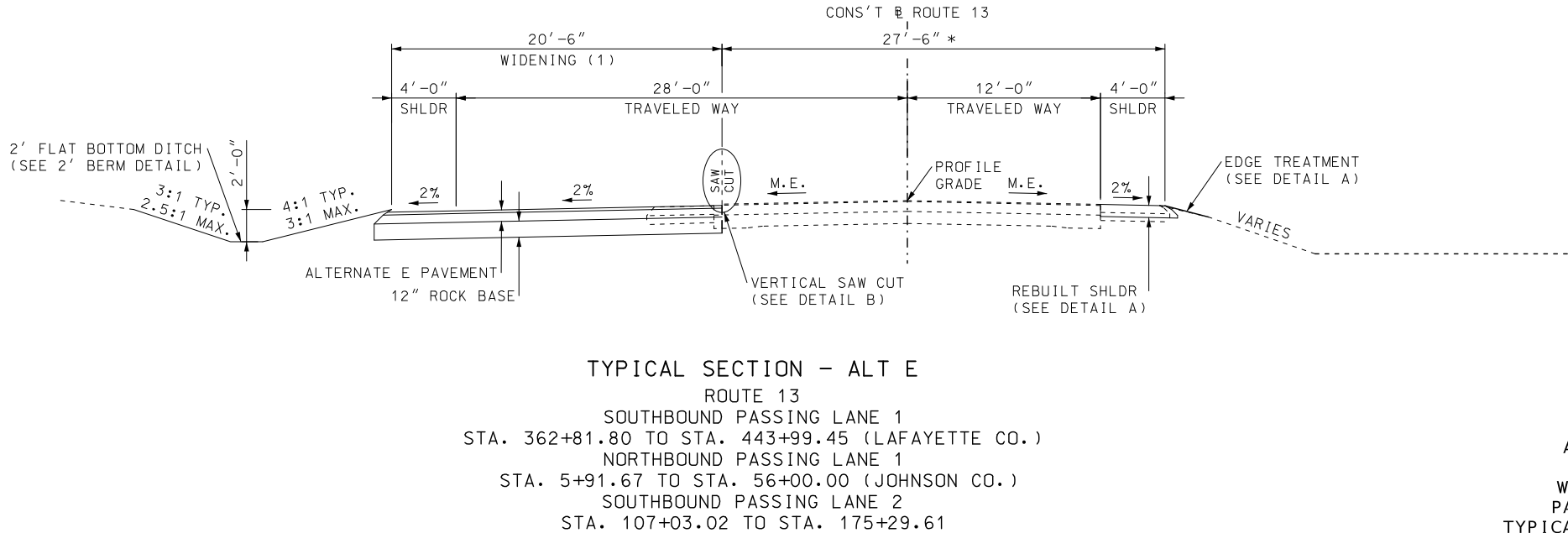
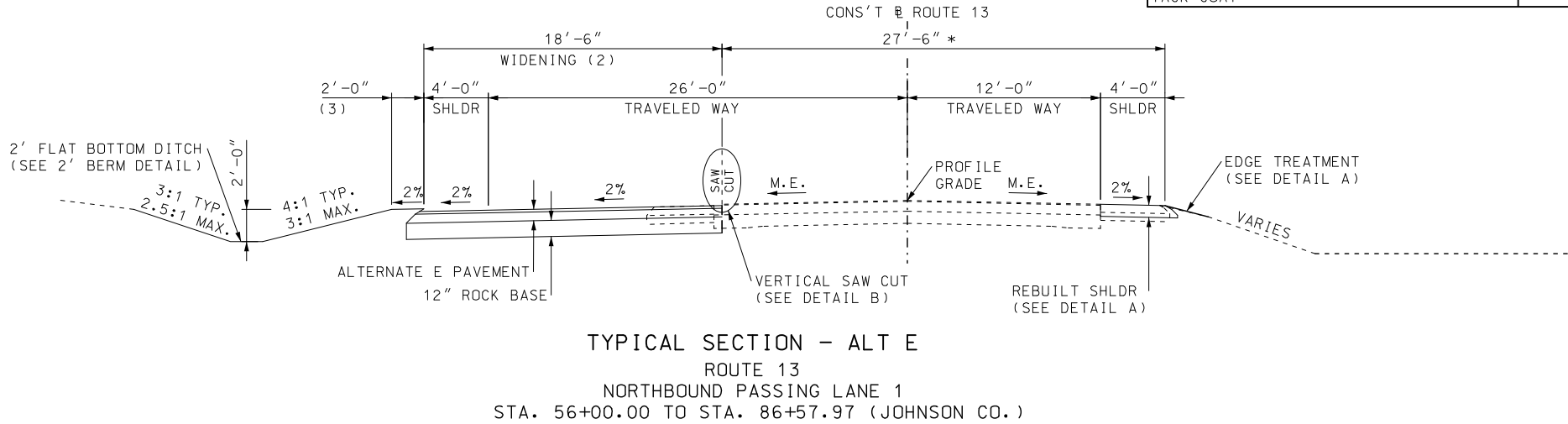
GENERAL NOTE:
SEE STANDARD PLAN 401.00 FOR SAFETY EDGE.



NOTE:
* SEE TYPICAL SECTION SHEETS 29 TO 34 OF 34 FOR COLDMILL LIMIT, TACK COAT LIMIT AND RESURFACING.

- NOTES:
- (1) SOUTHBOUND PASSING LANE 1
STA. 362+81.80 TO STA. 372+42.10
WIDTH = 4.5' TO 20.5'
STA. 372+42.10 TO STA. 434+39.14
WIDTH = 20.5'
STA. 434+39.14 TO STA. 443+99.45
WIDTH = 20.5' TO 4.5'
- (1) NORTHBOUND PASSING LANE 1
STA. 5+91.67 TO STA. 15+51.47
WIDTH = 4.7' TO 20.5'
STA. 15+51.67 TO STA. 54+80.00
WIDTH = 20.5'
STA. 54+80.00 TO STA. 56+00.00
WIDTH = 20.5' TO 18.5'
STA. 56+00.00 TO STA. 81+47.94
WIDTH = 18.5'
- (1) SOUTHBOUND PASSING LANE 2
STA. 107+03.02 TO STA. 107+21.02
WIDTH = 4.2' TO 4.5'
STA. 107+21.02 TO STA. 116+81.02
WIDTH = 4.5' TO 20.5'
STA. 116+81.02 TO STA. 170+23.61
WIDTH = 20.5'
STA. 170+23.61 TO STA. 175+03.61
WIDTH = 20.5' TO 4.5'
STA. 175+03.61 TO STA. 175+29.51
WIDTH = 4.5' TO 4'

- NOTES:
- (2) NORTHBOUND PASSING LANE 1
STA. 81+47.97 TO STA. 86+27.97
WIDTH = 18.5' TO 4.5'
STA. 86+27.97 TO STA. 86+57.97
WIDTH = 4.5' TO 4.0'
- (3) NORTHBOUND PASSING LANE 1
STA. 54+80.00 TO STA. 56+00.00
WIDTH = 0' TO 2'
STA. 81+12.39 TO STA. 86+27.97
WIDTH = 0'



FOR ESTIMATE PURPOSE ONLY	ESTIMATE FACTOR
BIT. PVM'T MIX. PG64-22 (BP-1)	1.989 TON/CY
BIT. PVM'T MIX. PG64-22 (BASE)	1.998 TON/CY
ASPH. CONC. MIX. PG70-22 (SP125C MIX)	1.993 TON/CY
TACK COAT	0.10 GAL/SY

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
09/07/2026 5:57:45 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
9/3/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
2

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

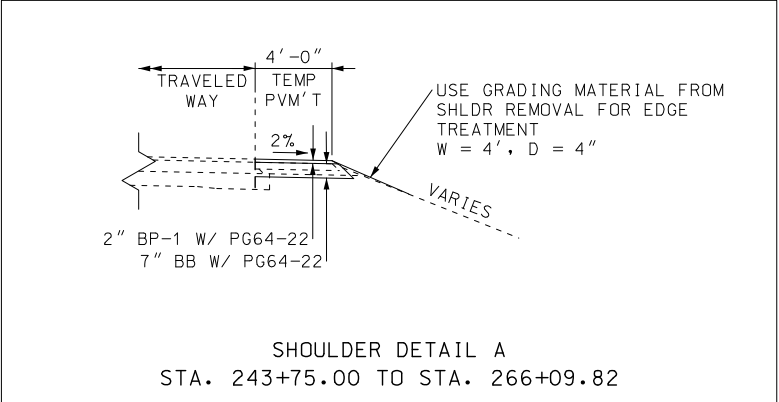
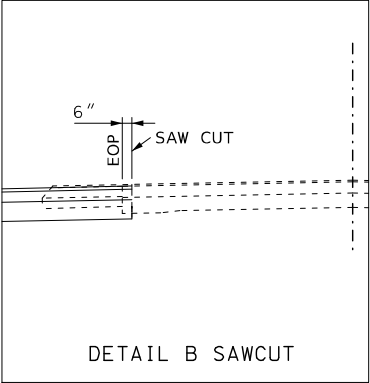
MoDOT

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

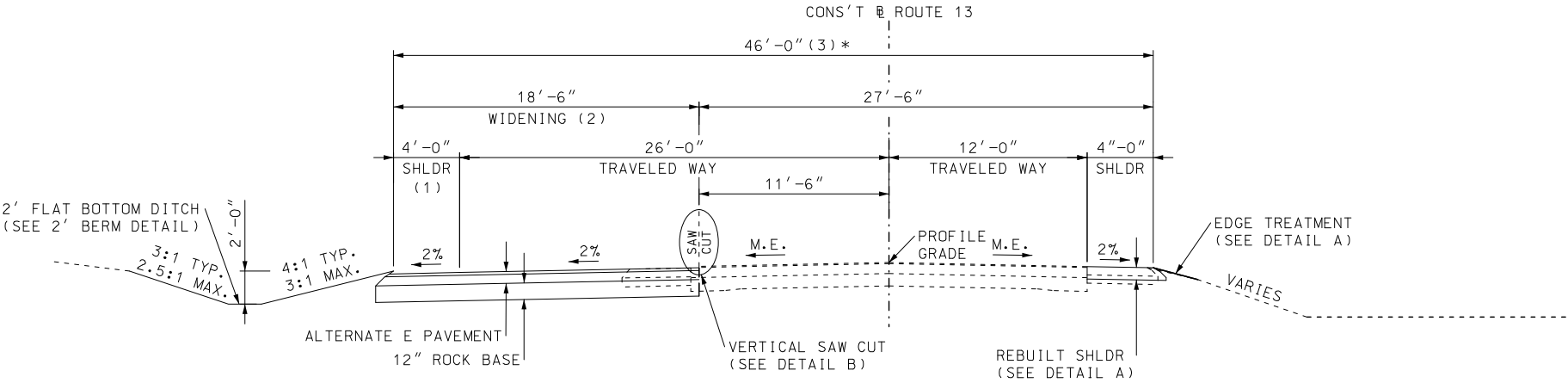
ALTERNATE E
ROUTE 13
WIDENING FOR
PASSING LANES
TYPICAL SECTION SHEET
SHEET 7 OF 34

ALTERNATE PAVEMENT			
BASE TYPE	ALTERNATE E		TACK COAT
	HMA DESIGN		
12" ROCK BASE	2" SP125C	PG70-22	TACK COAT WILL BE APPLIED BETWEEN ASPHALT LIFTS
	6.5" SP190C	PG64-22	
CAP W/ 2" SP125C W/		PG70-22	

GENERAL NOTE:
SEE STANDARD PLAN 401.00 FOR SAFETY EDGE.

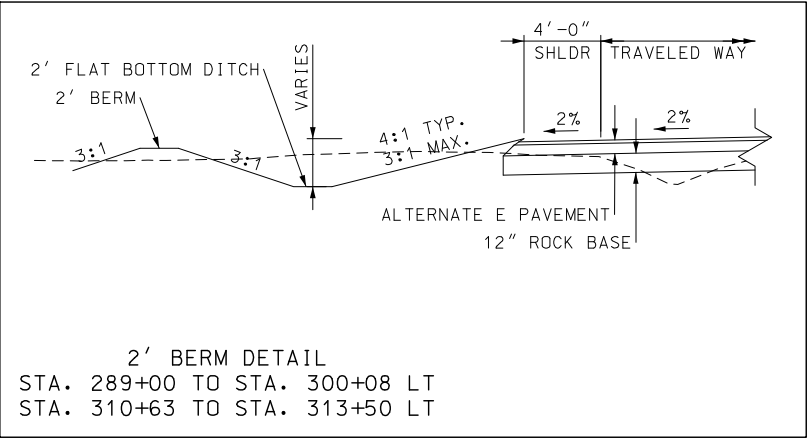


- NOTES (LEFT):
- (1) STA. 246+30.45 TO STA. 246+33.53
SHOULDER WIDTH = 3.5' TO 4'
 - (2) STA. 246+30.45 TO STA. 246+33.53
PVM'T WIDTH = 4' TO 4.5'
STA. 246+33.53 TO STA. 254+70.35
PVM'T WIDTH = 4.5' TO 18.5'
STA. 254+70.35 TO STA. 266+09.82
PVM'T WIDTH = 18.5'
STA. 290+02.56 TO STA. 322+58.27
PVM'T WIDTH = 20.5'
 - (3) STA. 209+02.56 TO STA. 322+58.27
WIDTH = 48'



TYPICAL SECTION - ALT E
ROUTE 13
NORTHBOUND PASSING LANE 2
STA. 246+30.45 TO STA. 266+09.82
STA. 290+02.56 TO STA. 322+58.27

NOTE:
* SEE TYPICAL SECTION SHEETS 29 TO 34
OF 34 FOR COLDMILL LIMIT, TACK COAT
LIMIT AND RESURFACING.



ALTERNATE E
ROUTE 13
LEFT TURN LANE AT CRD 700
TYPICAL SECTION SHEET
SHEET 9 OF 34

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
09/07/2026 8:00:11 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
9/3/2026

ROUTE 13
DISTRICT KC
STATE MO
SHEET NO. 2

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

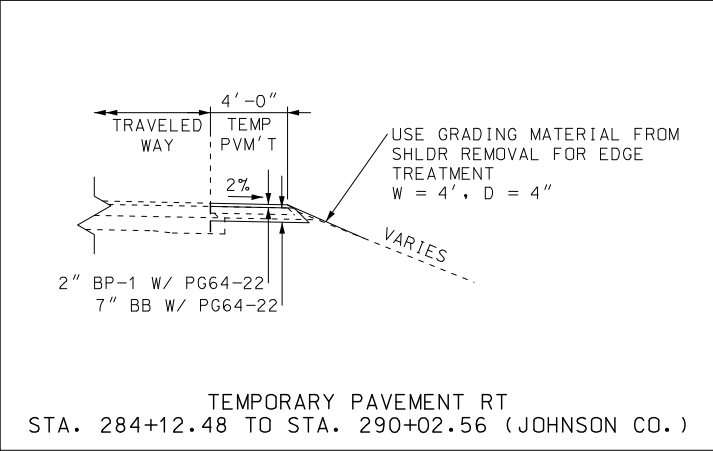
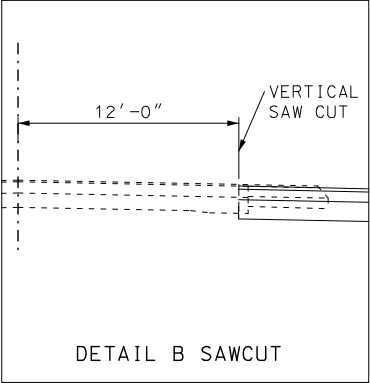
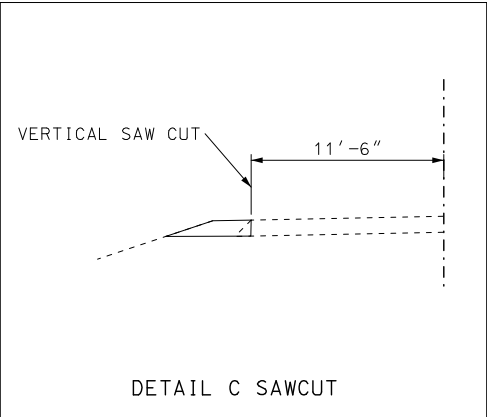
BRIDGE NO.

DESCRIPTION	DATE

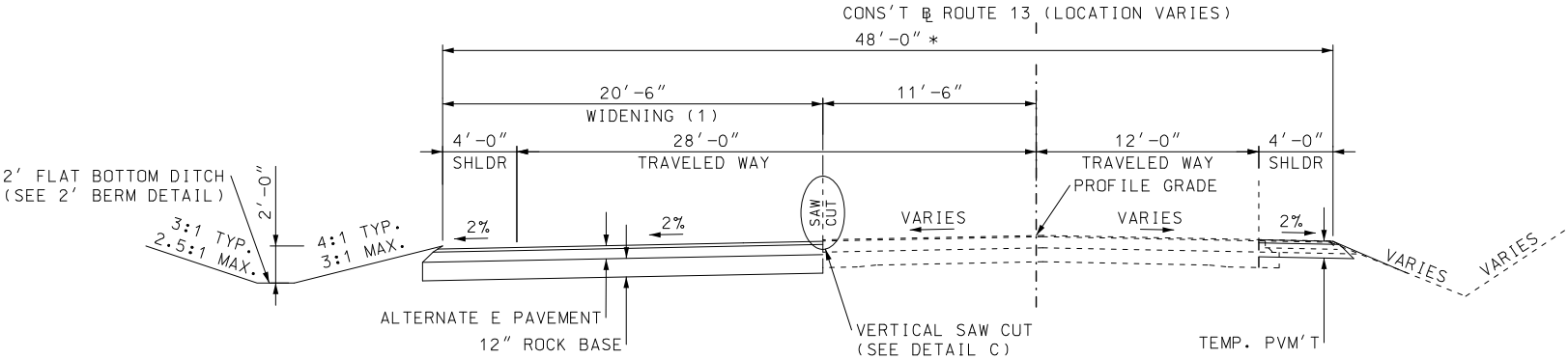
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

ALTERNATE PAVEMENT			
BASE TYPE	ALTERNATE E		TACK COAT
	HMA DESIGN		
12" ROCK BASE	2" SP125C	PG70-22	TACK COAT WILL BE APPLIED BETWEEN ASPHALT LIFTS
	6.5" SP190C	PG64-22	
CAP W/ 2" SP125C W/		PG70-22	

GENERAL NOTE:
SEE STANDARD PLAN 401.00 FOR SAFETY EDGE.



NOTE (LEFT):
(1) STA. 284+12.48 TO STA. 290+02.56
PVM'T WIDTH = 8.5' TO 20.5'



TYPICAL SECTION - ALT E
ROUTE 13
NORTHBOUND PASSING LANE 2
STA. 284+12.48 TO STA. 290+02.56

NOTE:
* SEE TYPICAL SECTION SHEETS 29 TO 34
OF 34 FOR COLDMILL LIMIT, TACK COAT
LIMIT AND RESURFACING.

ALTERNATE E
ROUTE 13
WIDENING FOR
PASSING LANES
TYPICAL SECTION SHEET
SHEET 15 OF 34

STATE OF MISSOURI

JODIE LYNN

P.U.H.R.

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

09/07/2026 6:04:30 PM

JODIE LYNN P.U.H.R.-CIVIL

MO-PE-2014000073

DATE PREPARED

9/3/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

2

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

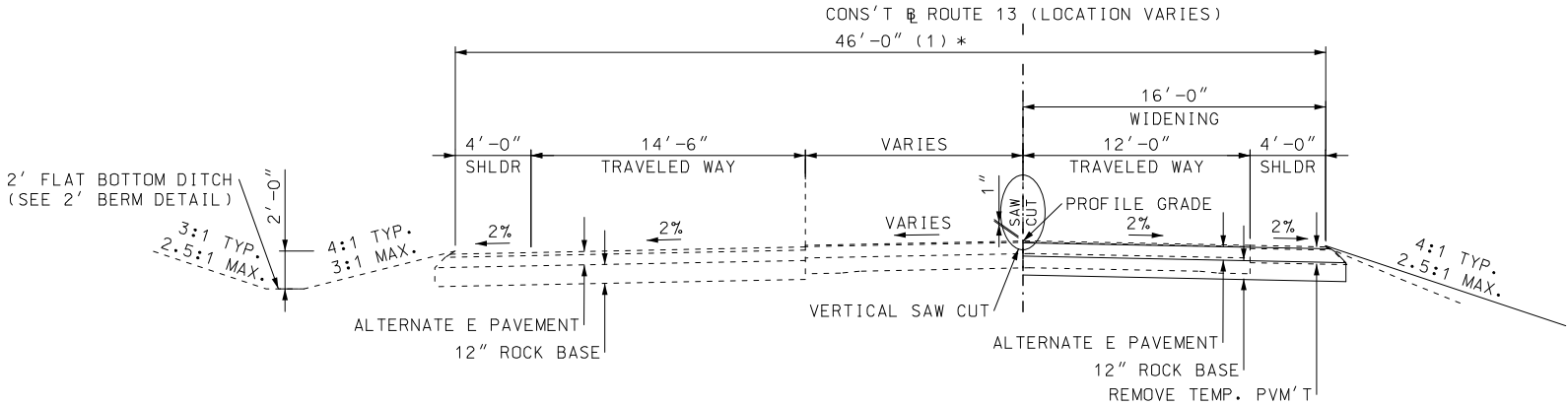
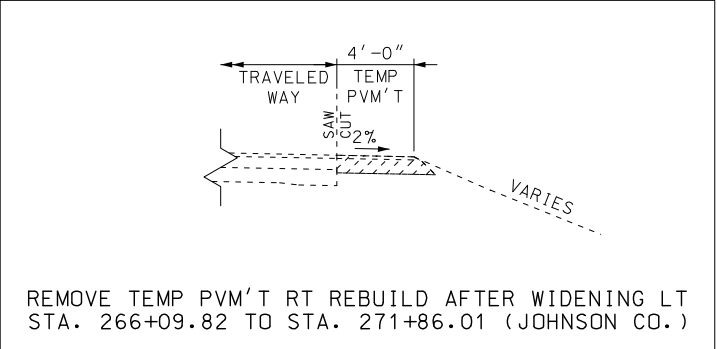
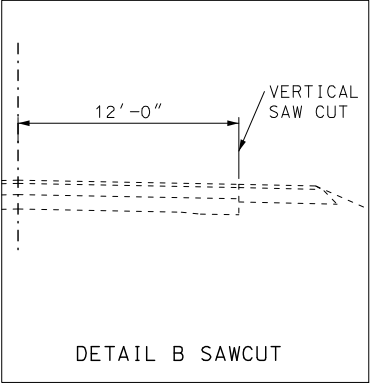
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

ALTERNATE PAVEMENT		
BASE TYPE	ALTERNATE E HMA DESIGN	
	2" SP125C	PG70-22
12" ROCK BASE	6.5" SP190C	PG64-22
TACK COAT		
TACK COAT WILL BE APPLIED BETWEEN ASPHALT LIFTS		
CAP W/ 2" SP125C W/ PG70-22		

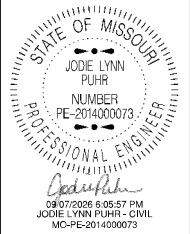
GENERAL NOTE:
SEE STANDARD PLAN 401.00 FOR SAFETY EDGE.



TYPICAL SECTION - ALT E
ROUTE 13
NORTHBOUND PASSING LANE 2
STA. 266+09.82 TO STA. 271+86.01

NOTE:
* SEE TYPICAL SECTION SHEETS 29 TO 34
OF 34 FOR COLDMILL LIMIT, TACK COAT
LIMIT AND RESURFACING.

ALTERNATE E
ROUTE 13
WIDENING FOR
PASSING LANES
TYPICAL SECTION SHEET
SHEET 17 OF 34



DATE PREPARED 9/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

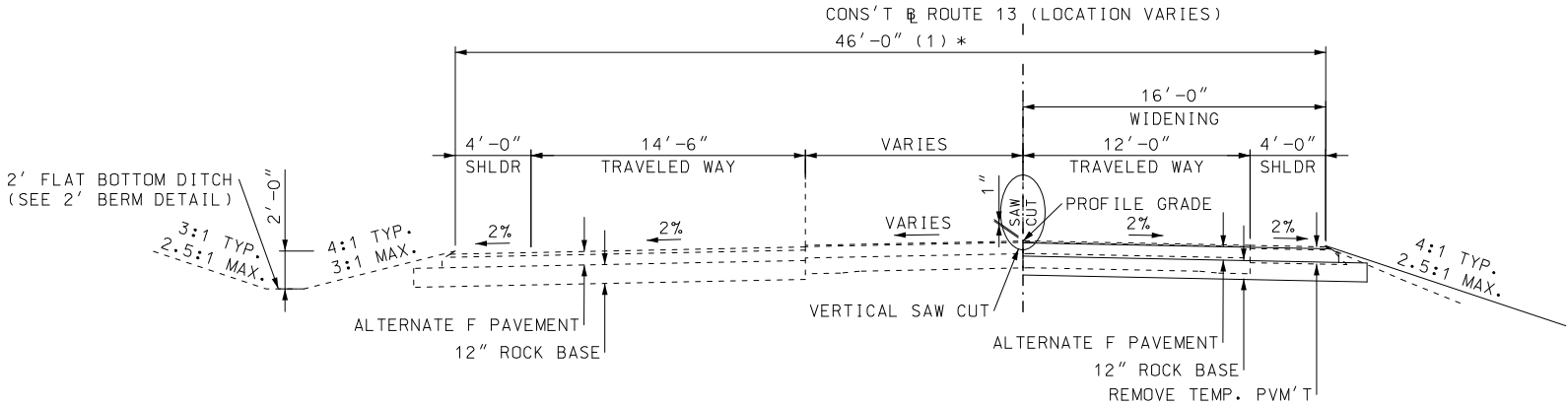
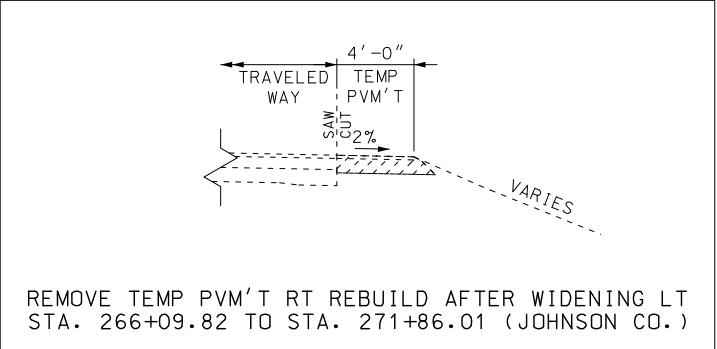
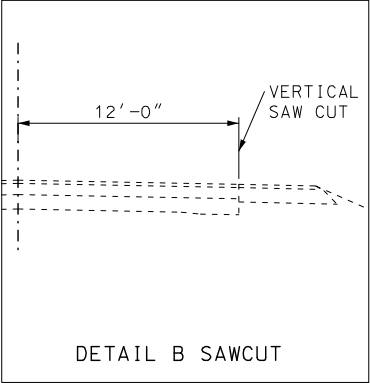
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ALTERNATE PAVEMENT		
BASE TYPE	ALTERNATE F HMA DESIGN	
	TACK COAT	
12" ROCK BASE	2" SP125C	PG70-22
	6.5" SP190C	PG64-22
TACK COAT WILL BE APPLIED BETWEEN ASPHALT LIFTS		
CAP W/ 2" SP125C W/ PG70-22		

GENERAL NOTE:
SEE STANDARD PLAN 401.00 FOR SAFETY EDGE.



NOTE:
(2) STA. 266+09.82 TO STA. 271+86.01
WIDTH = 46' TO 47.2'

TYPICAL SECTION - ALT F
ROUTE 13
NORTHBOUND PASSING LANE 2
STA. 266+09.82 TO STA. 271+86.01

NOTE:
* SEE TYPICAL SECTION SHEETS 29 TO 34
OF 34 FOR COLDMILL LIMIT, TACK COAT
LIMIT AND RESURFACING.

ALTERNATE F
ROUTE 13
WIDENING FOR
PASSING LANES
TYPICAL SECTION SHEET
SHEET 18 OF 34

STATE OF MISSOURI

JODE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

09/07/2026 8:06:36 PM

JODE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

9/3/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

2

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

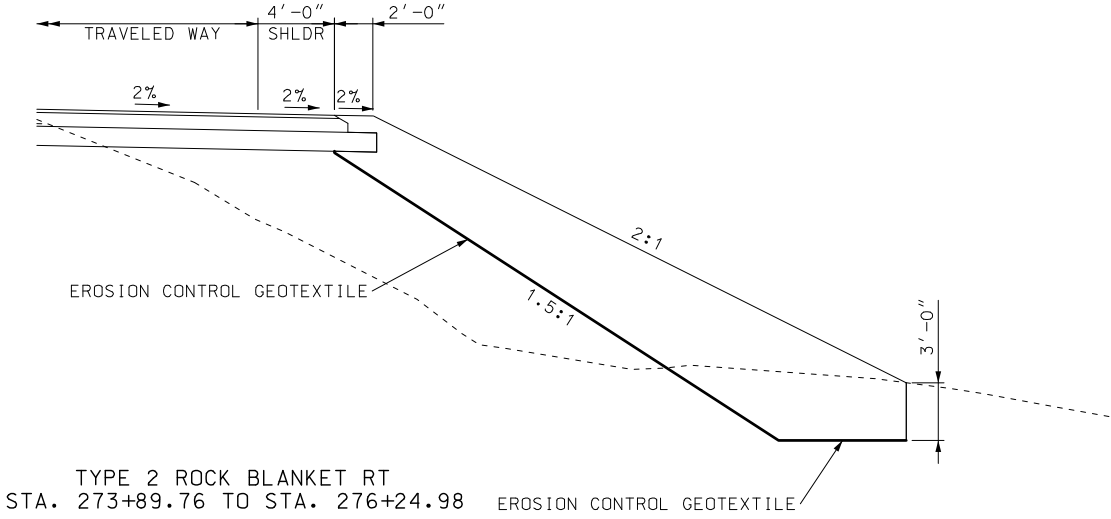
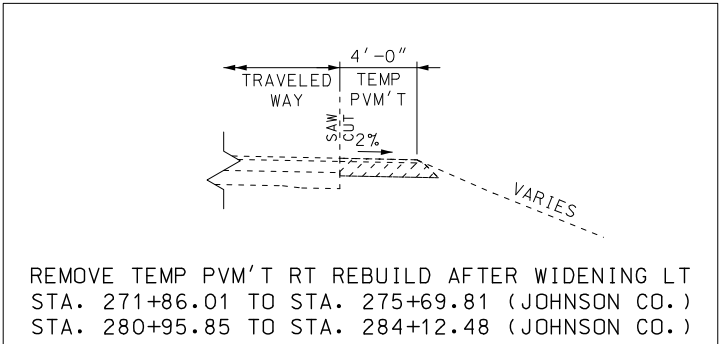
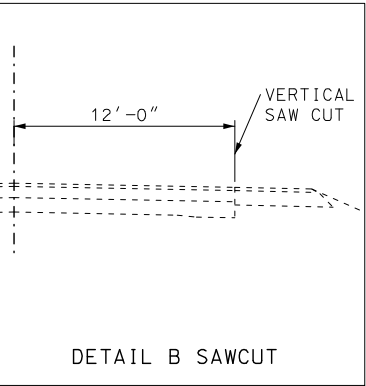
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

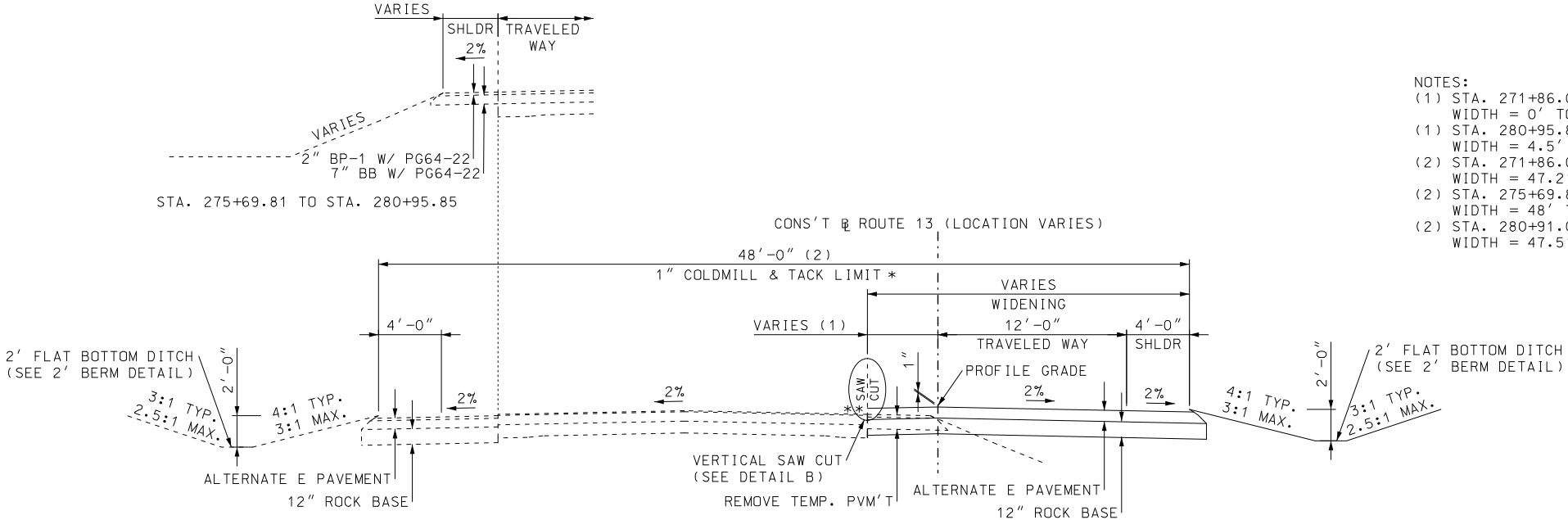
1-888-ASK-MODOT (1-888-275-6636)

ALTERNATE PAVEMENT		
BASE TYPE	ALTERNATE E	
	HMA DESIGN	
12" ROCK BASE	2" SP125C	PG70-22
	6.5" SP190C	PG64-22
TACK COAT		
TACK COAT WILL BE APPLIED BETWEEN ASPHALT LIFTS		
CAP W/ 2" SP125C W/ PG70-22		

GENERAL NOTE:
SEE STANDARD PLAN 401.00 FOR SAFETY EDGE.



TYPE 2 ROCK BLANKET RT
STA. 273+89.76 TO STA. 276+24.98



- NOTES:
- (1) STA. 271+86.01 TO STA. 275+69.81
WIDTH = 0' TO 4.1'
 - (1) STA. 280+95.85 TO STA. 284+12.48
WIDTH = 4.5' TO 0'
 - (2) STA. 271+86.01 TO STA. 275+69.81
WIDTH = 47.2' TO 48'
 - (2) STA. 275+69.81 TO STA. 276+03.88
WIDTH = 48' TO 47.5'
 - (2) STA. 280+91.04 TO STA. 280+95.85
WIDTH = 47.5' TO 48'

TYPICAL SECTION - ALT E
ROUTE 13
NORTHBOUND PASSING LANE 2
STA. 271+86.01 TO STA. 284+12.48

NOTE:
* SEE TYPICAL SECTION SHEETS 29 TO 34
OF 34 FOR COLDMILL LIMIT, TACK COAT
LIMIT AND RESURFACING.
** SEE TYPICAL SECTION SHEET 32 OF 34.

ALTERNATE E
ROUTE 13
WIDENING FOR
PASSING LANES
TYPICAL SECTION SHEET
SHEET 19 OF 34

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

09/07/2026 8:07:24 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

9/3/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

2

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

ALTERNATE PAVEMENT	
BASE TYPE	ALTERNATE F PCCP 9" DESIGN
12" ROCK BASE	9" PCCP
	1-1/2" DOWELS
	15 FT. JOINT SPACING
CAP W/ 2" SP125C W/ PG70-22	

NOTE:
PHASE 1 AND 2 WORK MAY BE COMPLETED IN ANY ORDER, AT THE CONTRACTOR'S
DESCRETION, PROVIDED ALL REQUIREMENTS OF BOTH PHASES ARE MET.

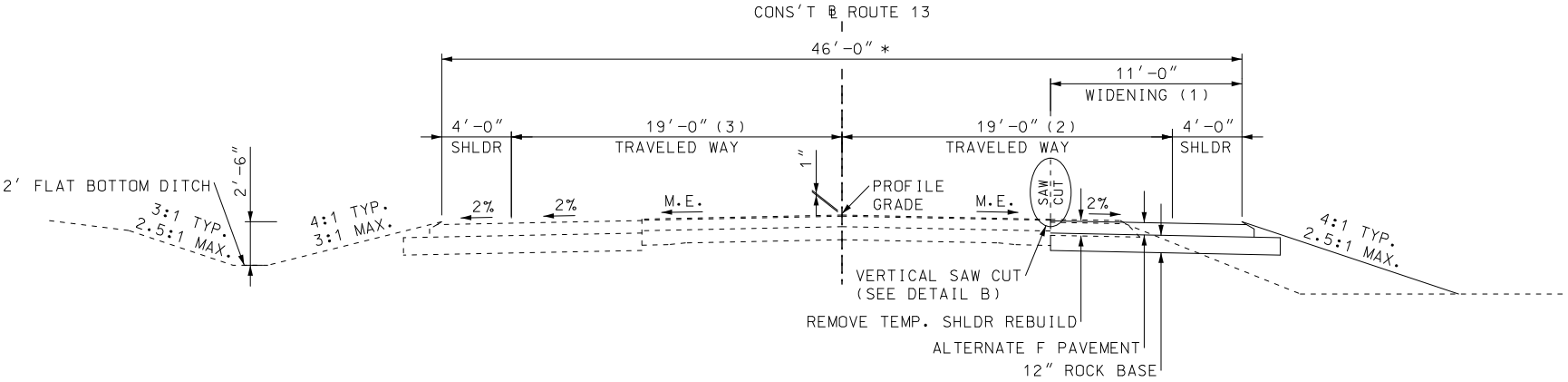
ROUTE 13 TWLTL CONSTRUCTION PHASING

- PHASE 1 - WIDEN NB ROUTE 13
1. BUILD TEMPORARY PAVEMENT SB ROUTE 13.
2. BUILD WIDENING PAVEMENT NB ROUTE 13.
PHASE 2 - WIDEN SB ROUTE 13
1. REMOVE SB ROUTE 13 TEMPORARY PAVEMENT.
2. BUILD WIDENING PAVEMENT SB ROUTE 13.

-- OR THE CONTRACTOR MAY --

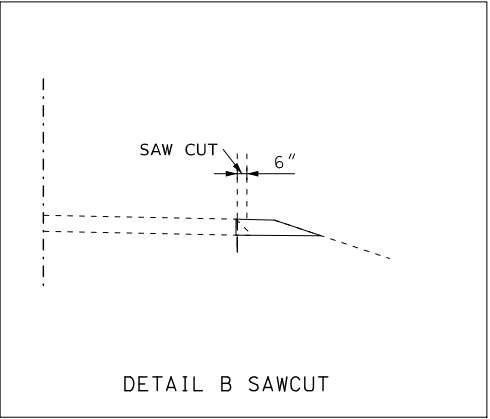
- PHASE 1 - WIDEN SB ROUTE 13
1. BUILD TEMPORARY PAVEMENT NB ROUTE 13.
2. BUILD WIDENING PAVEMENT SB ROUTE 13.
PHASE 2 - WIDEN NB ROUTE 13
1. REMOVE NB ROUTE 13 TEMPORARY PAVEMENT.
2. BUILD WIDENING PAVEMENT NB ROUTE 13.

NOTES (LEFT):
(3) STA. 396+59.42 TO STA. 398+20.50
WIDTH = 19' TO 12'

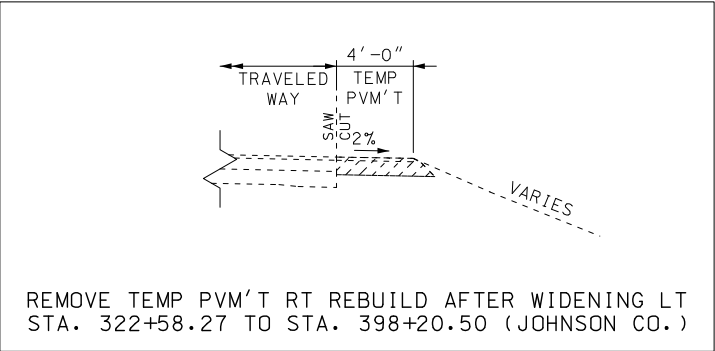


TYPICAL SECTION - ALT F
ROUTE 13
TWO-WAY LEFT-TURN LANE
STA. 322+28.27 TO STA. 398+20.50

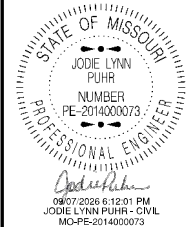
NOTE:
* SEE TYPICAL SECTION SHEETS 29 TO 34
OF 34 FOR COLDMILL LIMIT, TACK COAT
LIMIT AND RESURFACING.



DETAIL B SAWCUT



NOTES (RIGHT):
(1) STA. 322+58.27 TO STA. 327+38.30
PVM'T WIDTH = 4' TO 11'
(2) STA. 396+59.42 TO STA. 398+20.50
WIDTH = 19' TO 12'



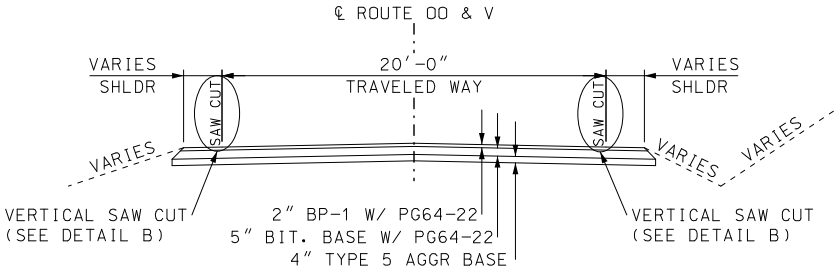
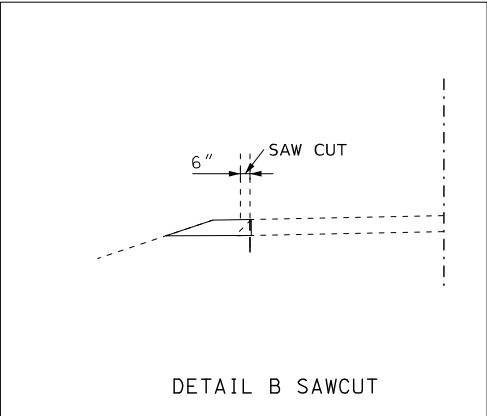
DATE PREPARED 9/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY LAFAYETTE/JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

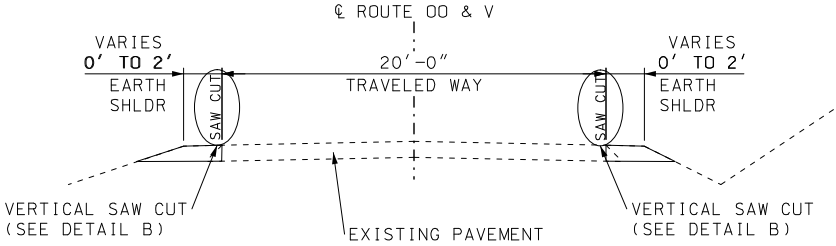
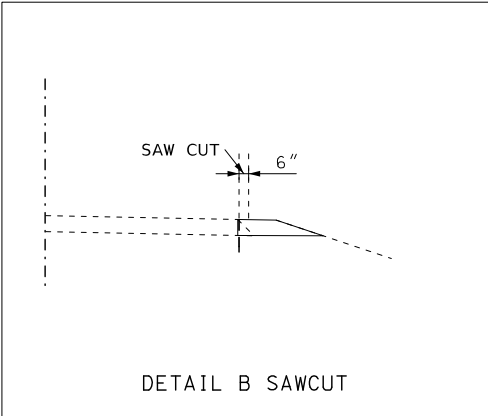
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

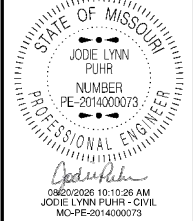
FOR ESTIMATE PURPOSE ONLY	ESTIMATE FACTOR
ASPH. PAVING MIX. PG64-22 (BBP125C MIX)	1.999 TON/CY
BACK FILL MIX. PG64-22 (BASE)	10.998 GTON/TON
PAV. CONGR. EDGE TREATMENT	20.000 GTON/TON



TYPICAL SECTION
ROUTE 00 STA 25+90.01 - STA 26+79.81
ROUTE V STA 27+89.09 - STA 28+79.41



TYPICAL SECTION
EXISTING ROUTES 00 & V



DATE PREPARED 8/20/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

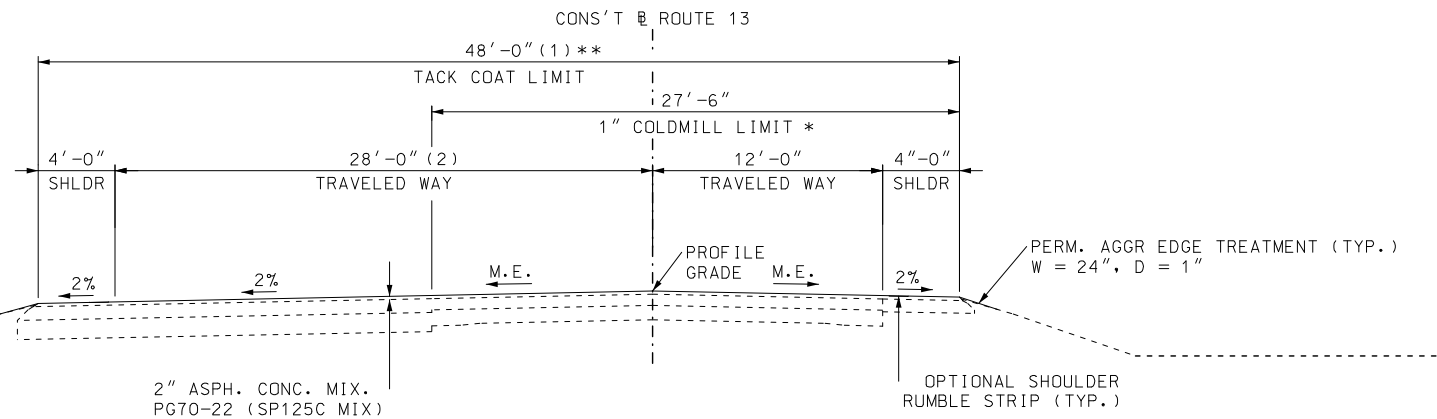
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOTES:
(1) NORTHBOUND PASSING LANE 1
STA. 5+91.67 TO STA. 15+51.67
WIDTH = 32.2' TO 48'
STA. 15+51.67 TO STA. 54+80.00
WIDTH = 48'
STA. 54+80.00 TO STA. 56+00.00
WIDTH = 48' TO 46'
STA. 56+00.00 TO STA. 81+47.94
WIDTH = 46'
STA. 81+47.94 TO STA. 86+27.97
WIDTH = 46' TO 32'
STA. 86+27.97 TO STA. 86+57.97
WIDTH = 32' TO 31.5'

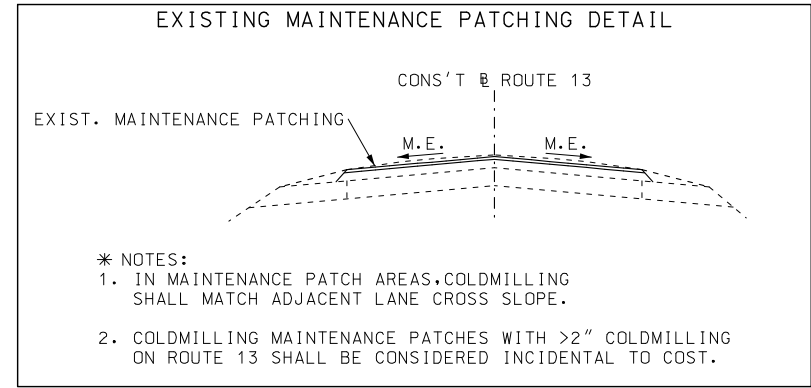
(1) SOUTHBOUND PASSING LANE 1
STA. 362+81.80 TO STA. 372+42.10
WIDTH = 32' TO 48'
STA. 372+42.10 TO STA. 434+39.14
WIDTH = 48'
STA. 434+39.14 TO STA. 443+99.45
WIDTH = 48' TO 32'

(1) SOUTHBOUND PASSING LANE 2
STA. 107+03.02 TO STA. 107+21.02
WIDTH = 31.7' TO 32'
STA. 107+21.02 TO STA. 116+81.02
WIDTH = 32' TO 48'
STA. 116+81.02 TO STA. 170+23.61
WIDTH = 48'
STA. 170+23.61 TO STA. 175+03.61
WIDTH = 48' TO 32'
STA. 175+03.61 TO STA. 175+29.51
WIDTH = 32' TO 31.5'

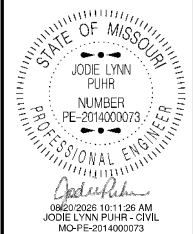
NOTE:
** FINAL 2" OVERLAY SHALL BE PAVED AT ONCE
ACROSS THE ENTIRE WIDTH OF THE ROADWAY.



TYPICAL SECTION
ROUTE 13
RESURFACING
STA. 362+81.80 TO STA. 443+99.45 (SOUTHBOUND PASSING LANE 1)
STA. 5+91.67 TO STA. 86+57.97 (NORTHBOUND PASSING LANE 1)
STA. 107+21.02 TO STA. 175+29.61 (SOUTHBOUND PASSING LANE 2)



RESURFACING
ROUTE 13
WIDENING FOR
PASSING LANES
TYPICAL SECTION SHEET
SHEET 30 OF 34

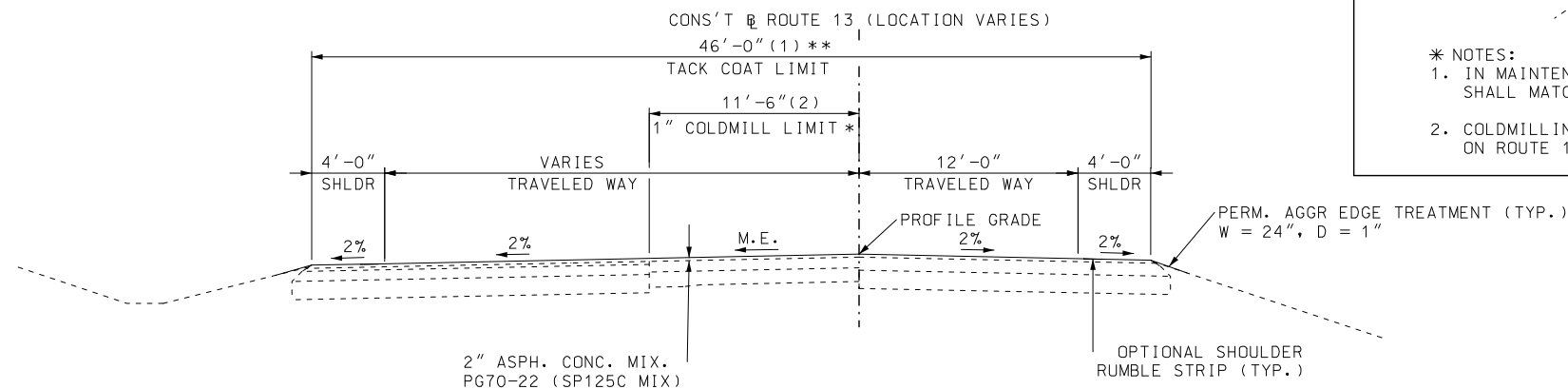


DATE PREPARED 8/20/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

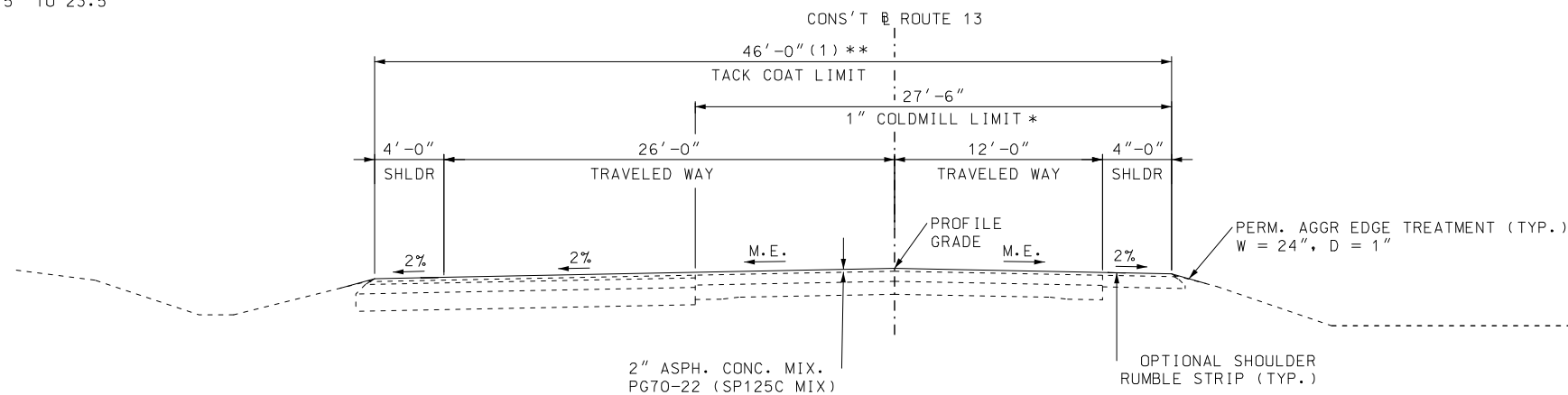
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

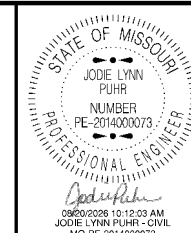
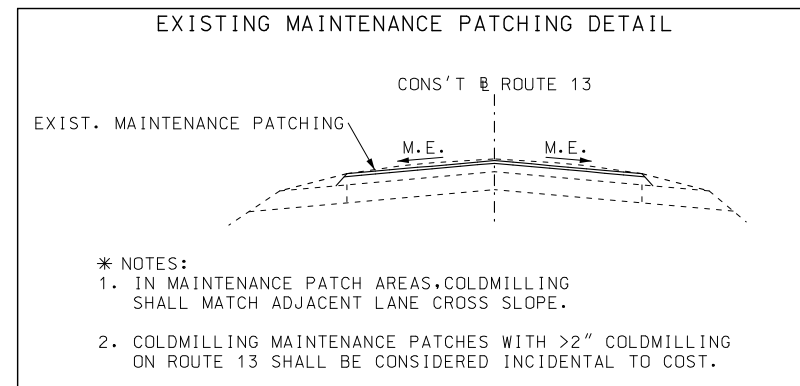


TYPICAL SECTION
ROUTE 13
RESURFACING - NORTHBOUND PASSING LANE 2
STA. 266+09.82 TO STA. 271+86.01



TYPICAL SECTION
ROUTE 13
RESURFACING - NORTHBOUND PASSING LANE 2
STA. 246+30.45 TO STA. 266+09.82

NOTE:
** FINAL 2" OVERLAY SHALL BE PAVED AT ONCE
ACROSS THE ENTIRE WIDTH OF THE ROADWAY.



DATE PREPARED
8/20/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 2

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

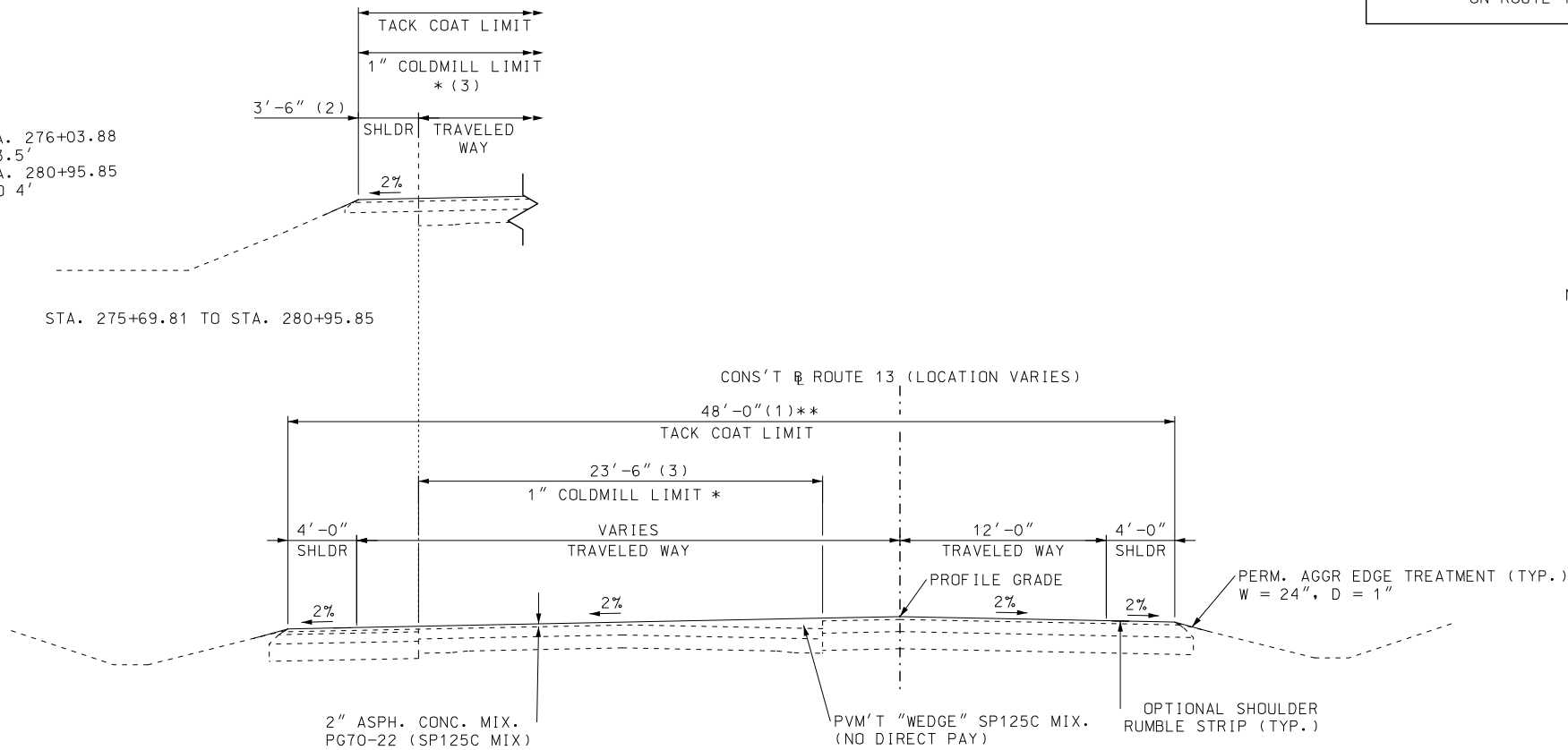
BRIDGE NO.

DESCRIPTION	DATE



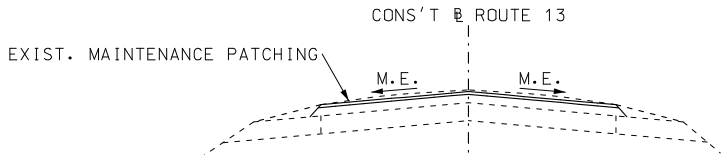
RESURFACING
ROUTE 13
WIDENING FOR
PASSING LANES
TYPICAL SECTION SHEET
SHEET 31 OF 34

NOTES (LEFT):
(2) STA. 275+69.81 TO STA. 276+03.88
SHLDR WIDTH = 4' TO 3.5'
STA. 280+91.04 TO STA. 280+95.85
SHLDR WIDTH = 3.5' TO 4'



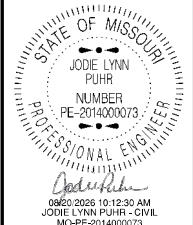
NOTE:
** FINAL 2" OVERLAY SHALL BE PAVED AT ONCE
ACROSS THE ENTIRE WIDTH OF THE ROADWAY.

EXISTING MAINTENANCE PATCHING DETAIL



- * NOTES:
1. IN MAINTENANCE PATCH AREAS, COLDMILLING SHALL MATCH ADJACENT LANE CROSS SLOPE.
 2. COLDMILLING MAINTENANCE PATCHES WITH >2" COLDMILLING ON ROUTE 13 SHALL BE CONSIDERED INCIDENTAL TO COST.

- NOTES:
- (1) STA. 271+86.01 TO STA. 275+69.81
WIDTH = 47.2' TO 48'
STA. 275+69.81 TO STA. 276+03.88
WIDTH = 48' TO 47.5'
STA. 280+91.04 TO STA. 280+95.85
WIDTH = 47.5' TO 48'
 - (3) STA. 275+69.81 TO STA. 276+03.88
COLDMILL WIDTH = 27.5' TO 27'
STA. 276+03.88 TO STA. 280+91.04
COLDMILL WIDTH = 27'
STA. 280+91.04 TO STA. 280+95.85
COLDMILL WIDHT = 27' TO 27.5'



DATE PREPARED
8/20/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
2

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

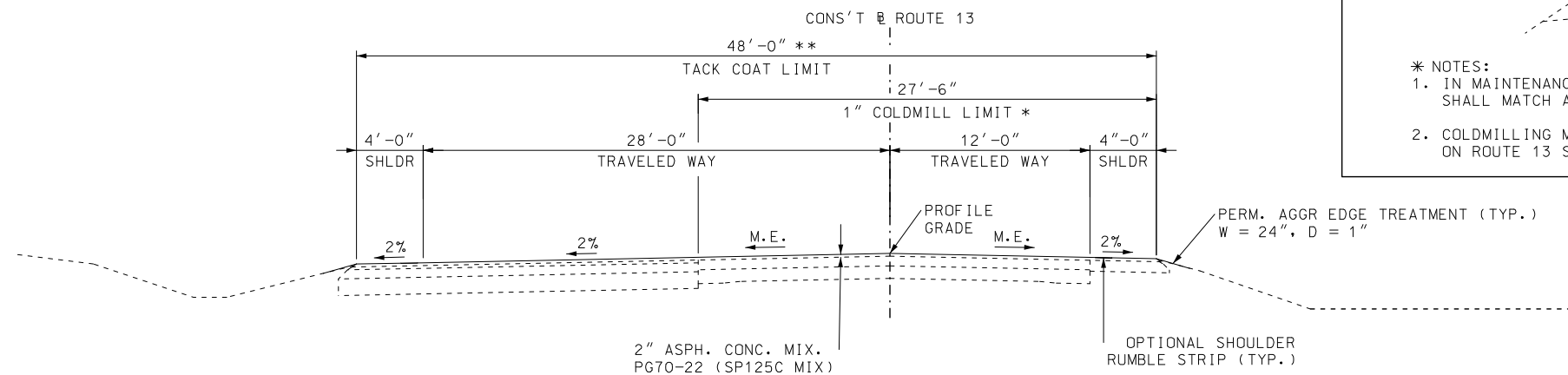
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

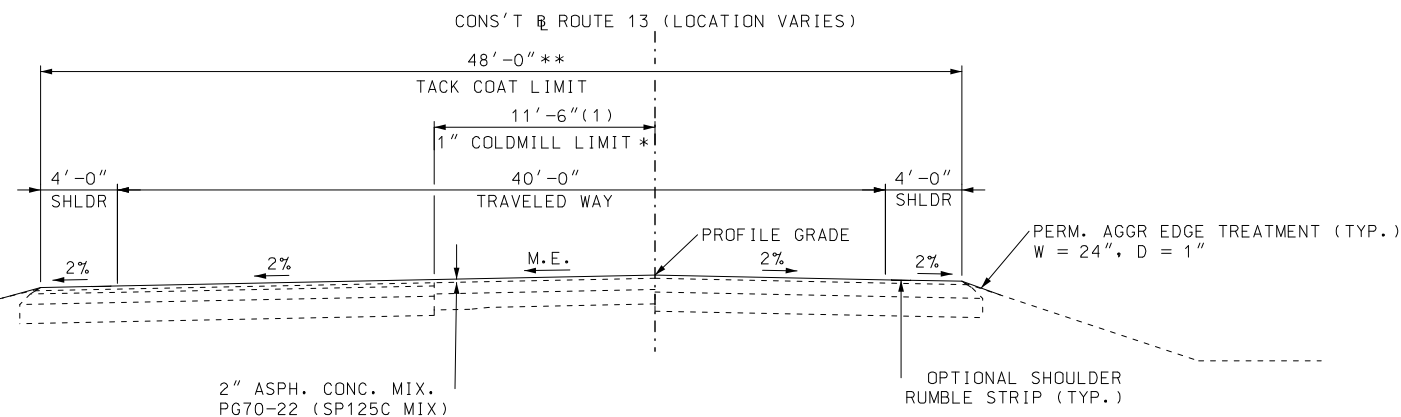
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RESURFACING
ROUTE 13
WIDENING FOR
PASSING LANES
TYPICAL SECTION SHEET
SHEET 32 OF 34



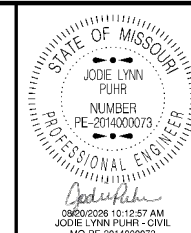
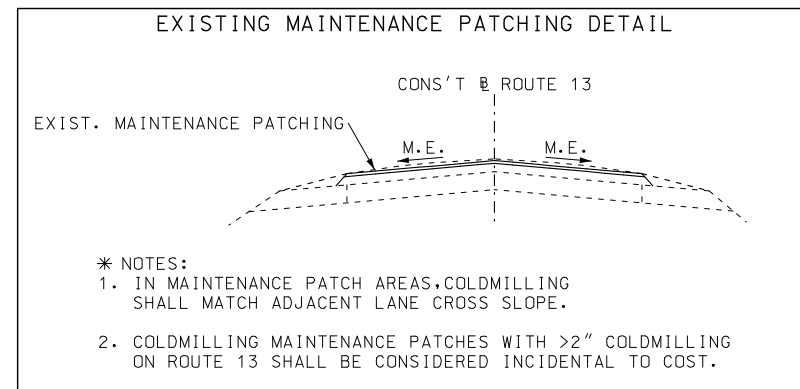
TYPICAL SECTION
ROUTE 13
RESURFACING - NORTHBOUND PASSING LANE 2
STA. 290+02.56 TO STA. 322+58.59

NOTES:
(1) STA. 284+12.48 TO STA. 290+02.56
COLDMILL WIDTH = 23.5' TO 11.5'



TYPICAL SECTION
ROUTE 13
RESURFACING - NORTHBOUND PASSING LANE 2
STA. 284+12.48 TO STA. 290+02.56

NOTE:
** FINAL 2" OVERLAY SHALL BE PAVED AT ONCE
ACROSS THE ENTIRE WIDTH OF THE ROADWAY.



DATE PREPARED
8/20/2026

ROUTE 13 STATE MO
DISTRICT KC SHEET NO. 2

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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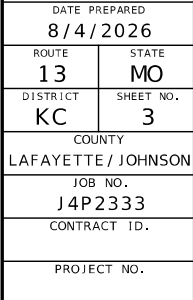
DATE

RESURFACING
ROUTE 13
WIDENING FOR
PASSING LANES
TYPICAL SECTION SHEET
SHEET 33 OF 34

NOTE: CONTINUED NEXT SHEET

1	LUMP SUM
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SUMMARY OF QUANTITIES
SHEET 2 OF 32

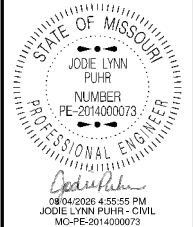
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

REV.

SEDIMENT CONTROL - TABLE 6 OF 6										
SHEET NO	STATION	STATION	LOCATION	SIDE	SEDIMENT TRAP		ALT. DITCH CHECK LF	SEDIMENT REMOVAL CY	SILT FENCE LF	REMARKS
					EXC.	ROCK				
					CY	CY				
254	349+45.56		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
254	350+13.14		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
254	352+65.40		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
254	354+15.40	354+89.40	ROUTE 13	RT			21.8	3		3 @ 37' SPACING
254	356+67.90	358+89.89	ROUTE 13	RT			50.8	7		7 @ 37' SPACING
254	358+29.77	359+53.62	ROUTE 13	LT				2	157.7	4 J-HOOKS @ 33' SPACING
254-255	358+53.54	359+28.54	ROUTE 13	LT			14.5	2		2 @ 75' SPACING
255	359+51.72	360+07.85	ROUTE 13	LT				1	57.5	
255	360+54.64	362+20.19	ROUTE 13	LT				2	167.4	
255	362+19.56	363+05.78	ROUTE 13	LT				1	117.7	4 J-HOOKS @ 23' SPACING
255	362+59.07		ROUTE 13	LT			7.3	1		1 ALT. DITCH CHECK
255	363+16.43	364+21.99	ROUTE 13	LT				1	147.2	5 J-HOOKS @ 23' SPACING
255	363+58.11	363+88.19	ROUTE 13	LT			14.5	2		2 @ 30' SPACING
255	364+34.11	366+28.91	ROUTE 13	LT				2	195.5	
255	364+80.92	366+06.93	ROUTE 13	LT			50.8	7		7 @ 21' SPACING
255	367+18.40	372+24.81	ROUTE 13	LT				5	515.5	
255	360+19.24		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
255	360+21.74		ROUTE 13	LT	4	1.5		1		
255	360+36.84		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
255	360+78.85	361+28.82	ROUTE 13	RT			14.5	2		2 @ 50' SPACING
255	362+28.78	363+02.80	ROUTE 13	RT			21.8	3		3 @ 37' SPACING
255	363+32.81	364+23.05	ROUTE 13	RT			29	4		4 @ 30' SPACING
255	364+43.83	366+11.87	ROUTE 13	RT			65.3	9		9 @ 21' SPACING
255	367+45.53		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
255	367+45.53	368+94.99	ROUTE 13	RT			14.5	2		2 @ 25' SPACING
255	369+18.92	370+08.85	ROUTE 13	RT			29	4		4 @ 30' SPACING
255	370+58.87		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
255	371+07.97	371+81.90	ROUTE 13	RT			21.8	3		3 @ 37' SPACING
255	372+68.37	374+88.76	ROUTE 13	LT				3	244.2	3 J-HOOKS @ 75' SPACING
255	375+56.16	378+12.94	ROUTE 13	LT				3	263.6	
256	378+74.70	380+73.04	ROUTE 13	LT				2	203.2	
256	381+04.10	381+84.54	ROUTE 13	LT				1	80.5	
256	381+63.94		ROUTE 13	LT			7.3	1		1 ALT. DITCH CHECK
256	382+07.13	382+79.76	ROUTE 13	LT				1	72.6	
256	382+75.76	383+71.83	ROUTE 13	LT				1	102.5	J-HOOK
256	384+34.09	386+44.22	ROUTE 13	LT				2	210.1	
256	385+74.98		ROUTE 13	LT			7.3	1		1 ALT. DITCH CHECK
256	373+05.12	374+25.17	ROUTE 13	RT			36.3	5		5 @ 30' SPACING
256	374+75.17		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
256	376+98.54		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
256	378+48.65		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
256	380+35.53		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
256	382+10.25	382+85.25	ROUTE 13	RT			14.5	2		2 @ 75' SPACING
256	384+35.25		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
256	386+82.71	388+80.94	ROUTE 13	LT				2	212.9	2 J-HOOKS @ 100' SPACING
256	387+55.83	388+15.85	ROUTE 13	LT			21.8	3		3 @ 30' SPACING
257	388+65.80	389+65.93	ROUTE 13	LT			30.6	3		3 @ 50' SPACING
257	390+71.20		ROUTE 13	LT			10	1		1 ALT. DITCH CHECK
257	391+08.06	392+08.07	ROUTE 13	LT			50	5		5 @ 25' SPACING
257	392+21.03	392+99.04	ROUTE 13	LT			110.5	8		8 @ 13' SPACING
257	393+69.80		ROUTE 13	LT			7.3	1		1 ALT. DITCH CHECK
257	394+21.72	397+66.77	ROUTE 13	LT			72.5	10		10 @ 37' SPACING
257	385+85.25		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
257	386+60.25	389+60.66	ROUTE 13	RT			50.8	7		7 @ 50' SPACING
257	389+97.67		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
257	391+38.03	392+62.18	ROUTE 13	RT			43.5	6		6 @ 25' SPACING
257	392+75.71	392+87.69	ROUTE 13	RT			14.5	2		@ 15' SPACING
257	392+75.71	392+87.69	ROUTE 13	RT			14.5	2		2 @ 15' SPACING
257	392+99.65	393+04.45	ROUTE 13	RT			21.8	3		3 @ 21' SPACING
257	394+16.20	394+47.26	ROUTE 13	RT			14.5	2		2 @ 30' SPACING
257	394+72.26	394+97.27	ROUTE 13	RT			14.5	2		2 @ 25' SPACING
257	395+82.49		ROUTE 13	RT			7.3	1		1 ALT. DITCH CHECK
257	396+22.52	398+38.49	ROUTE 13	RT				3	265.7	
SUBTOTAL TABLE 6					4	1.5	1,007.3	161	3,013.8	
SUBTOTAL TABLE 1					30.2	11.3	842.5	163	4,743.3	
SUBTOTAL TABLE 2					10.7	4	2,813.3	445	5,437.5	
SUBTOTAL TABLE 3					0	0	2,038	331	4,728.3	
SUBTOTAL TABLE 4					0	0	2,103.2	359	4,598.1	
SUBTOTAL TABLE 5					0	0	875	152	3,194.9	
SUBTOTAL					44.9	16.8	9,679.3	1,611	25,715.9	
PAY TOTAL					44.9	16.8	9,679	**	25,716	
** SEE DRAINAGE STRUCTURES - GRADING TABLE FOR PAY TOTAL.										

SUMMARY OF QUANTITIES
SHEET 12 OF 32



DATE PREPARED
8/4/2026
ROUTE 13 STATE MO
DISTRICT KC SHEET NO. 3

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE									

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



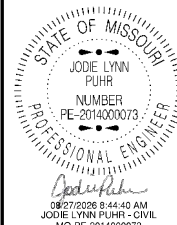
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

DRAINAGE STRUCTURES - GROUP A PIPES																		
SHEET NO.	STATION	LOCATION	SIDE	PIPE COLLAR		PIPE GROUP A						GROUP A FLARED END SECTIONS						REMARKS
				TYPE A EA	TYPE C EA	15 IN. LF	18 IN. LF	21 IN. LF	24 IN. LF	30 IN. LF	36 IN. LF	15 IN. EA	18 IN. EA	21 IN. EA	24 IN. EA	30 IN. EA	36 IN. EA	
4	355+56.22	ROUTE 13	LT						1							2		ENTRANCE , OFFSET 24.7' LT
6	373+74.40	ROUTE 13	LT	1					22						1			
6	379+94.85	ROUTE 13	LT	1		32						1						
8	384+34.11	ROUTE 13							61						2			
8	391+47.76	ROUTE 13	LT	1		16						1						
10	395+94.46	ROUTE 13				87						2						
10	398+56.50	ROUTE 13					70						2					
10	404+78.99	ROUTE 13	LT	1			27						1					
12	411+14.98	ROUTE 13	LT	1			27						1					
12	413+05.22	ROUTE 13	LT	1		27						1						
12	420+02.91	ROUTE 13							63						2			
14	427+16.95	ROUTE 13							65						2			
14	435+48.24	ROUTE 13								54							2	
18	7+15.07	ROUTE 13	LT	1						3.1							1	
22	31+99.86	ROUTE 13	LT	1					17.7						1			
28	80+52.36	ROUTE 13	LT														1	
30	86+24.31	ROUTE 13	LT		1						30						1	
34	118+95.63	ROUTE 13	LT								98						2	
34	123+55.68	ROUTE 13	LT	1			42.2						1					
38	148+66.01	ROUTE 13	LT			55						2						
46	201+90.44	ROUTE 13								117.7						2		
55	248+51.57	ROUTE 13	LT		1				10						1			
55	259+26.06	ROUTE 13	LT						62						2			
63	309+31.69	ROUTE 13	LT		1				24						1			
63	313+19.33	ROUTE 13	LT		1				14						1			
65	320+26.79	ROUTE 13	LT	1					26						2			
65	322+08.28	ROUTE 13	LT		1				20						2			
65	329+51.74	ROUTE 13								79							2	
69	349+32.32	ROUTE 13							62						2			
71	368+82.77	ROUTE 13							58						2			
75	0+56.79	ROUTE V	LT				67						2					
75	397+84.82	ROUTE OO	RT					61						2				
	SUBTOTAL			10	5	217	233.2	61	505.7	117.7	264.1	7	7	2	21	4	9	
	SUBTOTAL STORM SEWER ITEMS					74.4						1						
	PAY TOTAL			10	5	291	233	61	506	118	264	8	7	2	21	4	9	

ROCK BLANKET							
SHEET	STATION	STATION	LOCATION	TYPE 2 ROCK BLANKET		EROSION CONTROL GEOTEXTILE SY	REMARKS
				FURNISHING CY	PLACING CY		
4	355+83.76	358+00.94	ROUTE 13 RT	644.4	644.4	966.6	BLACKJACK CREEK SLIDE REPAIR
57	273+89.76	276+24.98	ROUTE 13 RT	1112	1112	722.7	
			SUBTOTAL	1756.4	1756.4	1689.3	
			PAY TOTAL	1756	1756	*	

* SEE EROSION CONTROL TABLE FOR PAY TOTAL.

SUMMARY OF QUANTITIES
SHEET 16 OF 32



DATE PREPARED

8/26/2026

ROUTE	STATE
12	MO

13	MO
DISTRICT	SHEET NO.

DISTRICT	SHEET NO.
KC	3

COUNTY

LAFAYETTE / JOHNSON

JOB NO.
14P2333

CONTRACT ID.

Page 10 of 10

PROJECT NO.

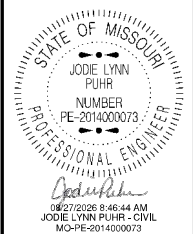
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

REV.

STORM SEWER ITEMS - TABLE 1 OF 2																					
SHEET NO.	STRUCT. NO.	STATION	OFFSET	LOCATION	CLASS 3 EXC. CY	GRATE & BEARING PLATE 3' X 3' EA	CURVED VANE GRATE AND FRAME		MANHOLE FRAME & COVER, TYPE 3 EA	GROUP A PIPE			PRECAST CONC. MANHOLE		PRECAST CONC. DROP INLET				GROUP A FES		REMARK
							2' X 2'	4' X 2'		12 IN.	15 IN.	18 IN.	48 IN. FT	60 IN. FT	2' X 2' TYPE A FT	3' X 3' TYPE S-1 FT	4' X 2' TYPE A FT	5' X 3' TYPE T FT	12 IN. EA	15 IN. EA	
							EA	EA		LF	LF	LF									
STORM SEWER 1																					
151	1D11	206+88.82	32.5' LT	ROUTE 13	11.4	1										4				1-12" OPENING	
151	1SS1	206+78.73	30.25' LT	ROUTE 13	19.7					17.7											
151	1D12	206+69.14	30' LT	ROUTE 13	13.9			1									4			2-12" OPENINGS	
151	1SS2	206+57.48	28' LT	ROUTE 13	20.6					17.9											
151	1D13	206+49.23	30' LT	ROUTE 13	14.9				1									4		2-12" OPENINGS	
151	1SS3	206+34.51	27.95' LT	ROUTE 13	36.8					27.5											
151	1D14	206+19.75	29.87' LT	ROUTE 13	15.7				1									4		2-12" OPENINGS	
151	1SS4	205+97.79	27.51' LT	ROUTE 13	62.7					42											
151	1D15	205+75.77	29.14' LT	ROUTE 13	16.1				1									5		2-12" OPENINGS	
151	1SS5	205+50.89	26.73' LT	ROUTE 13	68.7					47.8											
151	1D16	205+25.77	28.31' LT	ROUTE 13	14.4				1									5		2-12" OPENINGS	
151	1SS6	205+00.89	25.89' LT	ROUTE 13	61.7					47.8											
151	1D17	204+75.79	27.47' LT	ROUTE 13	12.9				1										4	2-12" OPENINGS	
151	1SS7	204+67.32	25.33' LT	ROUTE 13	13.9					15											
151	1D18	204+58.78	27.19' LT	ROUTE 13	11.9				1										4	2-12" OPENINGS	
151	1SS8	204+33.82	24.77' LT	ROUTE 13	47					48											
151	1D19	204+08.80	26.36' LT	ROUTE 13	8.9				1										4	2-12" OPENINGS	
151	1SS9	203+78.83	23.86' LT	ROUTE 13	38.1					58											
151	1D110	203+48.80	25.36' LT	ROUTE 13	6.2				1										4	1-12" & 1-15" OPENINGS	
151	1SS10	203+48.78	28.11' LT	ROUTE 13	1.4						5.6										
151	1MH1	203+48.68	33.36' LT	ROUTE 13	3.8					1				5						2-15" OPENINGS	
151	1SS11	203+12.70	43.18' LT	ROUTE 13	54.2						68.8									1	
STORM SEWER 2																					
151	2D11	207+74.20	32.5' LT	ROUTE 13	14.6	1											4			1-12" OPENING	
151	2SS1	207+75.78	29.5' LT	ROUTE 13	0.6					4.4											
151	2D12	207+78.36	30' LT	ROUTE 13	22.8				1									4		2-12" OPENINGS	
151	2SS2	207+88.36	28' LT	ROUTE 13	21					18											
151	2D13	207+98.36	30' LT	ROUTE 13	14.5				1									4		2-12" OPENINGS	
151	2SS3	208+18.36	28' LT	ROUTE 13	42.9					38											
151	2D14	208+38.36	30' LT	ROUTE 13	11.2				1									4		2-12" OPENINGS	
151	2SS4	208+58.36	28' LT	ROUTE 13	34.6					38											
151	2D15	208+78.36	30' LT	ROUTE 13	9				1									4		2-12" OPENINGS	
151	2SS5	208+98.36	28' LT	ROUTE 13	24.6					38											
151	2D16	209+18.36	30' LT	ROUTE 13	5.8				1									4		2-12" OPENINGS	
151	2SS6	209+43.36	28' LT	ROUTE 13	17.3					48											
151	2D17	209+68.36	30' LT	ROUTE 13	3				1									3		2-12" OPENINGS	
151	2SS7	208+84.80	33.4' LT	ROUTE 13	21.7					32.9									1		
STORM SEWER 3																					
151	3D11	207+29.04	95.31' RT	ROUTE 13	5.8		1								3					1-12" OPENING	
151	3SS1	207+12.48	62.28' RT	ROUTE 13	70.5					73.1											
151	3D12	206+91.94	30.82' RT	ROUTE 13	13.9					1									5	2-12" OPENINGS	
151	3SS2	206+64.46	33.68' RT	ROUTE 13	81.7					53.3											
151	3D13	206+37.42	40.72' RT	ROUTE 13	22.6				1									4		2-12" OPENINGS	
151	3SS3	206+29.57	38.32' RT	ROUTE 13	24.9					14.5											
151	3D14	206+21.33	40' RT	ROUTE 13	23				1									4		2-12" OPENINGS	
151	3SS4	206+03.83	38' RT	ROUTE 13	69.4					33											
151	3D15	205+86.32	40' RT	ROUTE 13	23.3				1									4		2-12" OPENINGS	
151	3SS5	205+61.33	38' RT	ROUTE 13	105.6					48											
151	3D16	205+36.33	40' RT	ROUTE 13	23.3				1										5	2-12" OPENINGS	
151	3SS6	205+11.33	38' RT	ROUTE 13	99.8					48											
SUBTOTAL - TABLE 1					1362.3	2	1	19	2	808.9	74.4	0	0	5	3	8	78	5	1	1	
PAY TOTAL					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	



DATE PREPARED
8/26/2026
ROUTE 13
DISTRICT KC
STATE MO
SHEET NO. 3

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE																				

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

* SEE TABLE DRAINAGE STRUCTURES - GRADING, CULVERT CLEAN OUT, ROCK LINING AND SEDIMENT REMOVAL FOR PAY TOTAL.
** SEE TABLE DRAINAGE STRUCTURES - GROUP A PIPES FOR PAY TOTAL.

WATER MAIN RELOCATION - TABLE 2 OF 3				
ITEM	DESCRIPTION	UNIT	QUANTITY	REMARK
33	12"X 2" SADDLE & CORP STOP	EA	2	
34	12" GATE VALVE AND BOX W/ 6" END CLEAN OUT	EA	1	
35	12" PLUG, TAPPED 2"	EA	1	
36	10" GATE VALVE AND BOX	EA	1	
37	10" 45 BEND	EA	1	
38	10" ANCHOR COUPLING	EA	1	
39	8"X 8"X 8" ANCHOR TEE	EA	1	
40	8"X 8"X 6" TEE	EA	1	
41	8"X 8"X 3" TEE	EA	1	
42	8" GATE VALVE AND BOX	EA	7	
43	8" GATE VALVE W/ 2" END CLEANOUT	EA	1	
44	8" ANCHOR COUPLING	EA	9	
45	8" 45 BEND	EA	1	
46	8" 22.5 BEND	EA	4	
47	8"X 2" SERVICE SADDLE	EA	1	
48	8"X 6" REDUCER	EA	1	
49	8"X 4" REDUCER	EA	4	
50	6"X 6"X 6" ANCHOR TEE	EA	2	
51	6"X 6"X 4" TEE	EA	6	
52	6"X 6"X 3" TEE	EA	1	
53	6" GATE VALVE AND BOX	EA	11	
54	6" 90 BEND	EA	4	
55	6" 45 BEND	EA	6	
56	6" 22.5 BEND	EA	5	
57	6" ANCHOR COUPLING	EA	18	
58	6"X 4" REDUCER	EA	3	
59	6"X 3" REDUCER	EA	1	
60	6" SOLID SLEEVE	EA	2	
61	6" CAP	EA	1	
62	6"X 6" TAPPING SLEEVE AND VALVE	EA	1	
63	6" GATE VALVE AND BOX W/ 2" END CLEAN OUT	EA	4	

SUMMARY OF QUANTITIES
SHEET 19 OF 32



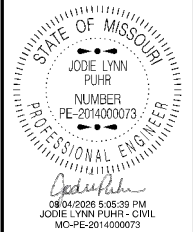
REV.

GRAVEL ENTRANCE TREATMENT - TABLE 2 OF 2															
SHEET NO.	ROUTE 13 STATION	SIDE	TYPE	WIDTH FT	LENGTH FT	AREA				SURFACE MATERIAL	LINEAR GRADING CLASS 1		TYPE 5 AGGR FOR BASE		REMARK
						APPROACH		MAILBOX TURNOUT			APPROACH	MAILBOX TURNOUT	APPROACH	MAILBOX TURNOUT	
						SF	SY	SF	SY						
26	62+41.71	LT	COMM. ENTRANCE	23	20	952.9	105.9			AGGR			23.5		
26	64+50.48	LT	COMM. ENTRANCE	24	19	927.8	103.1			AGGR			22.9		
28	71+50.00	LT	PRIVATE ENTRANCE	20	21	520.8	57.9			AGGR	0.2		12.9		DRIVEWAY TYPE I
28	73+84.40	LT	PRIVATE ENTRANCE	11	19	664.3	73.8			AGGR		0.2	16.4		TYPE I W/ MAILBOX TURNOUT
30	95+34.85	RT	PRIVATE ENTRANCE	20	24	479.5	53.3			AGGR		0.2	11.8		TYPE I W/ MAILBOX TURNOUT
34	115+43.45	RT	PRIVATE ENTRANCE	30	24	711.4	79			AGGR		0.2	17.6		TYPE I W/ MAILBOX TURNOUT
34	120+28.03	RT	PRIVATE ENTRANCE	19	12	223.4	24.8			AGGR	0.1		5.5		
34	123+37.53	RT	PRIVATE ENTRANCE	20	11	220.1	24.5			AGGR	0.1		5.4		
36	127+38.60	RT	FIELD ENTRANCE	18	38	690.7	76.7			AGGR	0.4		17		
38	142+18.43	RT	COMM. ENTRANCE	20	32	653.7	72.6			AGGR	0.3		16.1		
38	144+25.13	RT	COMM. ENTRANCE	16	29	462.4	51.4			AGGR	0.3		11.4		
40	155+58.24	LT	COMM. ENTRANCE	28	16	539.4	59.9			AGGR	0.2		13.3		
42	172+43.31	LT	FIELD ENTRANCE	12	43	660.6	73.4			AGGR	0.4		16.3		
42	173+53.04	RT	PRIVATE ENTRANCE	33	20	656	72.9			AGGR	0.2		16.2		
42	175+25.11	RT	PRIVATE ENTRANCE	20	18	345.5	38.4			AGGR	0.2		8.5		
44	184+29.01	RT	PRIVATE ENTRANCE	35	12	422	46.9			AGGR	0.1		10.4		MAILBOX TURNOUT
44	188.93.22	LT	PRIVATE ENTRANCE	36	11	397.4	44.2			AGGR	0.1		9.8		
44	190+88.76	RT	PRIVATE ENTRANCE	33	12	398.9	44.3			AGGR	0.1		9.8		TYPE I W/ MAILBOX TURNOUT
48	220+60.76	LT	PRIVATE ENTRANCE	17	17	1640.1	182.2			AGGR	0.2		40.5		TYPE I W/ MAILBOX TURNOUT
50	229+55.71	LT	TEMP ENTRANCE	24	17	588.5	65.4			AGGR	0.2		14.5		15' WIDE TYPE II
50	229+55.71	LT	TEMPORARY ROAD	12	1253	22332	2481.3			AGGR	12.5		551.4		
55	255+51.12	LT	PRIVATE ENTRANCE	15	20	551.9	61.3			AGGR	0.2		13.6		TYPE I W/ MAILBOX TURNOUT
55	256+30.71	RT	FIELD ENTRANCE	10	25	244.9	27.2			AGGR	0.3		6		
57	271+88.85	LT	PRIVATE ENTRANCE	20	42	769.4	85.5			AGGR	0.4		19		
59	279+29.64	LT	COMM. ENTRANCE	28	6	161.9	18			AGGR	0.1		4		
59	283+75.07	RT	COMM. ENTRANCE	18	27	674.5	74.9			AGGR	0.3		16.6		MAILBOX TURNOUT
59	288+62.51	LT	PRIVATE ENTRANCE	12	19	483.4	53.7			AGGR	0.2		11.9		
59	288+71.04	RT	PRIVATE ENTRANCE	15	25	51.5	5.7			AGGR	0.3		1.3		MAILBOX TURNOUT
63	303+06.24	LT	PRIVATE ENTRANCE	9	29	585.7	65.1			AGGR	0.3		14.5		TYPE I W/ MAILBOX TURNOUT
63	305+91.33	LT	PRIVATE ENTRANCE	9	29	616.7	68.5			AGGR	0.3		15.2		TYPE I W/ MAILBOX TURNOUT
63	310+85.88	LT	PRIVATE ENTRANCE	9	62	899.9	100			AGGR	0.6		22.2		TYPE I W/ MAILBOX TURNOUT
63	0+94.72	LT	PRIVATE ENTRANCE	16	124	1663.3	184.8			AGGR	1.2		41.1		REMOVE/REPLACE ENT.
65	318+43.43	LT	PRIVATE ENTRANCE	11	24	1548.2	172			AGGR	0.2		38.2		TYPE I W/ MAILBOX TURNOUT
65	325+09.65	LT	PRIVATE ENTRANCE	31	22	1069	118.8			AGGR	0.2		26.4		TYPE I W/ MAILBOX TURNOUT
67	340+67.27	RT	PRIVATE ENTRANCE	38	22	903.5	100.4			AGGR	0.2		22.3		TYPE I
67	343+14.20	LT	PRIVATE ENTRANCE	15	33	864.6	96.1			AGGR	0.3		21.4		TYPE I W/ MAILBOX TURNOUT
69	346+54.77	LT	PRIVATE ENTRANCE	10	51	751.4	83.5			AGGR	0.5		18.6		
69	347+69.94	LT	PRIVATE ENTRANCE	15	35	983.1	109.2			AGGR	0.4		24.3		TYPE I W/ MAILBOX TURNOUT
69	350+35.14	LT	PRIVATE ENTRANCE	18	85	1652.4	183.6			AGGR	0.9		40.8		
69	353+28.57	RT	PRIVATE ENTRANCE	10	37	639.3	71			AGGR	0.4		15.8		
69	353+28.65	LT	COMM. ENTRANCE	22	51	1322.8	147			AGGR	0.5		32.7		
69	354+20.37	LT	PRIVATE ENTRANCE	37	18	784.6	87.2			AGGR	0.2		19.4		
69	354+97.60	LT	PRIVATE ENTRANCE	26	34	888.7	98.7			AGGR	0.3	1	21.9		
69	356+63.18	LT	PRIVATE ENTRANCE	10	23	320	35.6			AGGR	0.2	2	7.9		
71	358+20.63	LT	PRIVATE ENTRANCE	16	29	786	87.3			AGGR	0.3		19.4		TYPE I W/ MAILBOX TURNOUT
71	363+11.01	LT	PRIVATE ENTRANCE	11	25	583.7	64.9			AGGR	0.3		14.4		
71	364+28.14	LT	PRIVATE ENTRANCE	12	34	742.5	82.5			AGGR	0.3		18.3		
71	366+66.40	RT	PRIVATE ENTRANCE	11	30	695.6	77.3			AGGR	0.3		17.2		TYPE I W/ MAILBOX TURNOUT
73	372+45.21	RT	PRIVATE ENTRANCE	10	22	544	60.4			AGGR	0.2		13.4		TYPE I W/ MAILBOX TURNOUT
73	372+44.51	LT	PRIVATE ENTRANCE	21	18	572.2	63.6			AGGR	0.2		14.1		
73	375+41.65	RT	COMM. ENTRANCE	47	18	796.6	88.5			AGGR	0.2		19.7		TYPE I
73	377+70.14	RT	PRIVATE ENTRANCE	14	22	649.1	72.1			AGGR	0.2		16		TYPE I W/ MAILBOX TURNOUT
73	378+55.57	LT	PRIVATE ENTRANCE	17	17	501.2	55.7			AGGR	0.2		12.4		TYPE I
73	379+71.00	RT	PRIVATE ENTRANCE	17	22	722	80.2			AGGR	0.2		17.8		TYPE I W/ MAILBOX TURNOUT
73	380+92.05	LT	COMM. ENTRANCE	23	17	660.6	73.4			AGGR	0.2		16.3		TYPE I W/ MAILBOX TURNOUT
73	381+09.05	RT	PRIVATE ENTRANCE	13	22	633.7	70.4			AGGR	0.2		15.6		TYPE I W/ MAILBOX TURNOUT
73	384+01.71	LT	COMM. ENTRANCE	58	17	1346.9	149.7			AGGR	0.2		33.3		TYPE I W/ MAILBOX TURNOUT
75	386+63.76	LT	COMM. ENTRANCE	32	27	1111.1	123.5			AGGR	0.3		27.4		TYPE I
75	393+77.45	RT	PRIVATE ENTRANCE	24	26	760.2	84.5			AGGR	0.3		18.8		TYPE I, ROUTE OO
75	395+40.85	RT	FIELD ENTRANCE	29	23	773	85.9			AGGR	0.2		19.1		TYPE I

SUBTOTAL TABLE 2	27.9	3.6	1599.5	0
SUBTOTAL TABLE 1	1.5	2.1	133.4	14.8
SUBTOTAL	29.4	5.7	1747.7	
PAY TOTAL	*		*	

*SEE PAVED SIDE ROADS & APPROACHES FOR PAY TOTAL.

SUMMARY OF QUANTITIES
SHEET 22 OF 32



DATE PREPARED
8/4/2026
ROUTE 13
DISTRICT KC
STATE MO
SHEET NO. 3

COUNTY
LAFAYETTE / JOHNSON
JOB NO.
J4P2333
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE								

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKING CLASS 2										
BEGIN SB LOG MILE	END SB LOG MILE	BEGIN STATION	END STATION	LENGTH FT	4 IN. YELLOW INT. LF	4 IN. YELLOW SOLID LF	6 IN. WHITE DOTTED LF	6 IN. WHITE INT. LF	6 IN. WHITE SOLID LF	REMARKS
ROUTE 13										
98.361	98.385			126.7		506.8			253.4	BEGINNING OF THE PROJECT
98.385	98.417			169		338			338	
98.417	98.497			422.4	105.6	422.4			844.8	
98.497	98.617			633.6	158.4				1,267.2	
98.617	98.839			1,172.2	293.1	1,172.2			2,344.4	
98.839	98.877			200.6		401.2			401.2	
98.877	99.177			1584	396	1,584			3,168	
99.177	99.198			110.9	27.7	221.8			221.8	
99.198	99.339			744.5	186.1	744.5			1,489	
99.339	100.078			3,901.9	975.5				7,803.8	
100.080	100.120	353+96.05	357+98.39	402.3	100.6	402.3			804.6	BEGINNING OF WIDENING
100.120	100.210	357+98.39	362+81.86	483.5	120.9				967	
100.210	100.410	362+81.86	373+65.59	1,083.7		4,334.8			2,167.4	
100.410	101.500	373+65.59	430+96.02	5,730.4		22,921.6		1,432.6	11,460.8	
101.500	101.730	430+96.02	443+79.11	1,283.1		5,132.4			2,566.2	
101.730	101.860	443+79.11	450+00.00	620.9		620.9			1,241.8	
101.857	101.956			522.7	130.7	1,045.4			1,045.4	
101.956	102.195			1,261.9		1,261.9			2,523.8	
102.195	102.515			1,689.6	422.4	3,379.2			3,379.2	
102.515	102.835			1,689.6		3,379.2			3,379.2	LAFAYETTE COUNTY LINE
102.840	102.950	0+00.00	5+92.14	592.1		1,184.2			1,184.2	JOHNSON COUNTY
102.950	103.280	5+92.14	23+21.85	1,729.7		6,918.8			3,459.4	
103.280	104.380	23+21.85	80+91.80	5,770		23,080		1,442.5	11,540	
104.380	104.480	80+91.80	86+27.69	535.9		2,143.6			1,071.8	
104.480	104.870	86+27.69	107+21.17	2,093.5	523.4	2,093.5			4,187	
104.870	105.090	107+21.17	118+40.64	1,119.5		4,478			2,239	
105.090	105.920	118+40.64	162+53.18	4,412.5		17,650		1,103.1	8,825	
105.920	106.160	162+53.18	174+83.41	1,230.2		4,920.8			2,460.4	
106.160	106.590	174+83.41	197+96.50	2,313.1		4,626.2			4,626.2	
106.590	106.680	197+96.50	202+34.96	438.5		1,754			877	
106.680	106.770	202+34.96	207+30.34	495.4		1,981.6			1,981.6	
106.770	106.780	207+30.34	208+00.00	69.7					69.7	
106.780	106.850	208+00.00	211+51.74	351.7		703.4			1,055.1	
106.850	106.880	211+51.74	213+07.00	155.3		621	38.8		310.6	
106.880	107.040	213+07.00	221+67.25	860.3		3,441			1,720.6	
107.040	107.050	221+67.25	222+02.11	34.9		69.7			69.8	
107.050	107.180	222+02.11	229+01.52	699.4		2,797.6			1,398.8	
107.180	107.210	229+01.52	230+40.35	138.8		555.3	34.7		277.6	
107.210	107.220	230+40.35	230+80.60	40.3		80.5			120.9	
107.220	107.460	230+80.43	243+75.76							EXCEPTION JOB NO. J3P3109
107.460	107.510	243+75.76	246+62.04	286.3		572.6			572.6	
107.510	107.680	246+62.04	255+21.59	859.5		3,438.2			1719	
107.680	107.710	255+21.59	257+00.45	178.9		715.4	44.7		357.8	
107.710	107.770	257+00.45	259+90.45	290		580			870	
107.770	107.780	259+90.45	260+78.73	88.3					176.6	
107.780	107.840	260+78.73	263+68.50	289.8		579.5			869.4	
107.840	107.870	263+68.50	265+48.72	180.2		720.9	45.1		360.4	
107.870	107.950	265+48.72	269+42.39	393.7		1,574.7			787.4	
107.950	108.930	269+42.39	321+10.18	5,167.8		20,671.2		1,292	10,335.6	
108.930	109.040	321+10.18	327+38.39	628.2		2,512.8			1,256.4	
109.040	110.230	327+38.39	389+93.86	6,255.5	1,563.9	12,510.9			12,511	
110.230	110.250	389+93.86	390+93.87	100		200			200	
110.250	110.280	390+93.87	392+63.87	170		340			510	
110.280	110.300	392+63.87	393+77.30	113.4					226.8	
110.300	110.330	393+77.30	395+37.31	160		320			480	
110.330	110.380	395+37.31	397+93.54	256.2		1,024.9			512.4	
110.380	110.390	397+93.54	398+30.65	37.1		148.4			74.2	
ROUTE YY										
0.010	0.020	0+30.50	1+04.65	74.5		149			278	EB LOG MILES, PM SHEET 13
ROUTE H										
12.232	12.259	1+73.71	3+14.10	140.4		280.8			384.7	SB LOG MILES, PM SHEET 27
ROUTE OO										
12.803	12.820	385+72	386+62	89.8		179.6			289.6	EB LOG MILES, PM SHEET 41
ROUTE V										
0.010	0.030	0+59	1+48	90		180			298.6	EB LOG MILES, PM SHEET 41
				SUBTOTAL	5,004.3	173,666.7	163.3	5,270.2	128,212.2	
				PAY TOTAL	178,671		133,646			

SUMMARY OF QUANTITIES
SHEET 25 OF 32

STATE OF MISSOURI JODIE LYNN PUHR NUMBER PE-2014000073 PROFESSIONAL ENGINEER  09/27/2026 9:14:01 AM JODIE LYNN PUHR - CIVIL MO-PE-2014000073	
DATE PREPARED 8/26/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 3
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DATE	DESCRIPTION
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	

PAVEMENT MARKING - PREFORMED THERMOPLASTIC								
BEGIN SB LOG MILE	END SB LOG MILE	BEGIN STATION	END STATION	24 IN. WHITE LF	24 IN. YELLOW LF	LT/RT ARROW EA	24 IN. YIELD LINE TRIANGLES EA	REMARKS
ROUTE 13								
98.361	98.385				37			BEGINNING OF THE RESURFACING
100.206	101.496	362+81.86	373+65.59		201			BEGINNING OF THE WIDENING
101.496	101.739	430+96.02	443+99.96		208			
103.280	104.376	5+92.14	23+21.85		253			
104.376	104.477	80+91.80	86+27.69		83			
104.874	105.086	107+21.17	118+40.64		189			
105.922	106.593	162+53.18	174+83.41		222			
106.593	106.676	197+96.50	202+34.96		33			
106.676	106.770	202+34.96	207+30.34	104	66	2	9	RIGHT TURN
106.795	106.818	208+59.20	209+84.98			2		LEFT TURN
106.849	107.042	211+51.74	221+67.25		139			
106.853	107.207	211+67.25	230+40.35		98			
107.514	107.559	246+62.04	249+00.00		5			
107.559	107.711	249+00.00	257+00.45		133			
107.727	107.806	257+90.31	262+00.00			3		LEFT TURN
107.806	107.818	262+00.00	262+75.59			1		LEFT TURN
107.838	107.869	263+68.50	265+36.88		19			
107.869	108.317	265+36.88	289+00.00		82			
108.925	109.044	321+10.18	327+38.39		163			
109.087	110.331	329+64.31	395+32.57			30		LEFT TURN
SUBTOTAL				104	1931	38	9	
PAY TOTAL				104	1931	38	9	

CONCRETE CURB AND CURB & GUTTER								
PLAN- PROFILE SHEET NO.	STATION	STATION	LOCATION	6 IN. CONCRETE MEDIAN STRIP SY	CONCRETE GUTTER TYPE A LF	CURB AND GUTTER TYPE A LF	CONCRETE CURB LOW PROFILE TYPE E LF	REMARKS
43	206+86.43	207+26.34	ROUTE 13 RT	50.8				
43	203+14.13	203+18.64	ROUTE 13 RT		6			
43	203+18.64	203+40.40	ROUTE 13 RT			24		
43	203+40.40	207+28.77	ROUTE 13 RT				431.3	
43,45	207+57.76	209+74.88	ROUTE 13 RT				282.7	
43	202+74.16	202+95.38	ROUTE 13 LT		25			
43	202+95.38	203+17.03	ROUTE 13 LT			22		
43	203+17.03	206+90.80	ROUTE 13 LT				373.7	
43,45	207+72.08	209+70.96	ROUTE 13 LT				198.9	
SUBTOTAL				50.8	31	46	1,286.6	
PAY TOTAL				50.8	31	46	1,287	

GUARDRAIL																	
SHEET NO.	BEGIN SB LOG MILE	END SB LOG MILE	BEGIN STATION	END STATION	LOCATION	SIDE	LENGTH	SHAPING SLOPES, CLASS III 100FT	GUARDRAIL TYPE A 7' POST 3'-1.5" SP. LF	MGS GUARDRAIL LF	MGS GUARDRAIL 8' POSTS, 6'-3" SP. LF	MGS BR. APPR. TRANS. SECTION (REGULAR) EA	MGS HEIGHT AND BLOCK TRANS. SECTION EA	MGS LONG SPAN GUARDRAIL SECTION EA	(MASH) TYPE A CRASH. END TERM. EA	TYPE A CRASH. END TERMINAL EA	REMARKS
-	98.546	98.560	275+01.07	275+76.86	RTE 13 LAFA	RT	75.79	1					1		1		ATTACH TO EX. GR
-	98.546	98.560	275+00.90	275+76.68	RTE 13 LAFA	LT	75.79	1					1		1		ATTACH TO EX. GR
-	98.584	98.598	277+02.24	277+78.03	RTE 13 LAFA	LT	75.79	1					1		1		N/O HAZELL DELL RD, ATTACH TO EX.
-	98.657	98.671	280+90.99	281+66.78	RTE 13 LAFA	RT	75.79	1					1		1		ATTACH TO EX. GR
-	98.721	98.735	284+29.40	285+05.16	RTE 13 LAFA	RT	75.79	1					1		1		ATTACH TO EX. GR
-	98.721	98.735	284+30.00	285+05.54	RTE 13 LAFA	LT	75.79	1					1		1		ATTACH TO EX. GR
-	99.492	99.511	325+18.80	326+19.58	RTE 13 LAFA	RT	100.79	1.3			25	UIP	1			1	BR. NO. G0818, ATTACH TO EX.
-	99.609	99.623	331+35.41	332+11.19	RTE 13 LAFA	RT	75.79	1				UIP	1			1	BR. NO. G0818, ATTACH TO EX.
-	99.490	99.504	325+00.30	325+76.09	RTE 13 LAFA	LT	75.79	1				UIP	1			1	BR. NO. G0818, ATTACH TO EX.
-	99.623	99.637	332+05.73	332+81.50	RTE 13 LAFA	LT	75.79	1				UIP	1			1	BR. NO. G0818, ATTACH TO EX.
4	100.073	100.116	355+72.31	357+98.08	RTE 13 LAFA	RT	225.79	2.5			137.5	1			1		BR. NO. G0819
4	100.152	100.202	359+88.92	362+52.18	RTE 13 LAFA	RT	263.29	2.9			175	1			1		BR. NO. G0819
4	100.075	100.104	355+85.89	357+36.65	RTE 13 LAFA	LT	150.79	1.8			75	UIP	1		1		BR. NO. G0819, ATTACH TO EX.
4	100.154	100.183	360+02.56	361+53.32	RTE 13 LAFA	LT	150.79	1.8			75	UIP	1		1		BR. NO. G0819, ATTACH TO EX.
24,26	103.865	103.936	53+84.75	57+61.31	RTE 13 JOHNS	RT	376.58	4			100			1	2		AT FLAGSTAFF CR.
24,26	103.876	103.957	54+45.08	58+71.70	RTE 13 JOHNS	LT	426.58	4.5			150			1	2		AT FLAGSTAFF CR.
30	104.442	104.528	84+23.41	88+74.99	RTE 13 JOHNS	LT	451.58	2.4			175			1	2		S/O CRD 1050
32	104.801	104.870	103+29.03	106+19.63	RTE 13 JOHNS	RT	364.08	3.9	262.5							2	62.5' TYPE A IN RADIUS
32,34	104.871	104.933	107+00.69	110+27.25	RTE 13 JOHNS	RT	326.58	3.5		225						2	AT CRD 1000
32,34	104.821	104.975	104+34.59	112+49.61	RTE 13 JOHNS	LT	814.08	8.4		537.5				1	2		AT CRD 1000
42,44	106.184	106.270	176+32.47	180+84.03	RTE 13 JOHNS	RT	451.58	4.8			175			1	2		S/O CRD 875
42	106.196	106.215	176+97.00	177+97.82	RTE 13 JOHNS	LT	100.79				25		1		1		S/O CRD 875. ATTACH TO EX.
44	106.266	106.280	180+64.93	181+40.69	RTE 13 JOHNS	LT	75.79						1		1		S/O CRD 875. ATTACH TO EX.
57	107.985	108.094	271+61.89	277+38.46	RTE 13 JOHNS	RT	576.58	6			475				2		S/O CRD 700
57,59	108.020	108.096	273+44.48	277+46.02	RTE 13 JOHNS	LT	401.58	4.3			300				2		S/O CRD 700
SUBTOTAL								61.1	262.5	762.5	1887.5	2	14	5	26	8	
PAY TOTAL								61	263	763	1888	2	14	5	26	8	

SUMMARY OF QUANTITIES
SHEET 26 OF 32

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/27/2026 9:14:31 AM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

8/26/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

3

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT

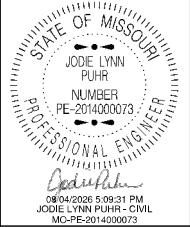
REV.

PAVEMENT TREATMENT - ALTERNATE C									
SHEET NO.	STATION	STATION	LOCATION	LENGTH	WIDTH	ALTERNATE PAVEMENT C SY	ROCK BASE (12 IN. THICK)		REMARKS
							FURNISHING SY	PLACING SY	
ROUTE 13 AT ROUTE YY									
18	501+01.90	502+24.06	ROUTE 13	122.2	32	434.5	434.5	434.5	LAFAYETTE CO
18	0+00.00	5+91.67	ROUTE 13	591.7	32	2,103.8	2,103.8	2,103.8	JOHNSON CO
ROUTE 13 AT ROUTE H									
46,48,50	197+52.15	230+80.46	ROUTE 13	3,328.3	VARIES	17,137	17,137	17,137	INCLUDES RTE H PVM'T
					SUBTOTAL	19,675.2	19,675.2	19,675.2	
					PAY TOTAL	19,675.2	*	*	

* SEE PAVEMENT TREATMENT - ALTERNATE E OR F FOR PAY TOTAL.

BITUMINOUS SHOULDER RUMBLE STRIP								
ROUTE 13 RT		ROUTE 13 LT		RIGHT LENGTH	LEFT LENGTH	QUANTITY		REMARK
BEGIN STATION	END STATION	BEGIN STATION	END STATION			RIGHT	LEFT	
				FT	FT	STA	STA	
283+73.00	502+24.06	283+73.00	502+24.06	21,851.1	21,851.1	218.5	218.5	
0+00.00	230+80.60	0+00.00	230+80.60	23,080.6	23,080.6	230.8	230.8	
243+75.76	388+70.68	243+75.76	385+43.13	14,494.9	14,167.4	144.9	141.7	SPEED LIMIT CHANGE
EXCEPTIONS								
PAVED SIDEROADS AND ENTRANCES RT				6308.4		-63.1		
PAVED SIDEROADS AND ENTRANCES LT					3,842.4		-38.4	
GRAVEL SIDEROADS AND ENTRANCES RT				2199		-22		
GRAVEL SIDEROADS AND ENTRANCES LT					3,800.6		-38	
BR. NO. G0818				302.7	302.7	-3	-3	
BR. NO. G0819				172.9	172.9	-1.7	-1.7	
J3P3109 PROJECT LIMITS				1295.3	1,295.3	-13	-13	
						SUBTOTAL	491.4	496.9
						PAY TOTAL	988.3	

BITUMINOUS CENTERLINE RUMBLE STRIP				
BEGIN STATION	END STATION	LENGTH FT	QUANTITY STA	REMARK
269+80.99	327+11.28	5,730.3	57.3	
330+13.96	357+96.10	2,782.1	27.8	
359+68.97	362+81.95	313.0	3.1	
373+65.59	430+96.02	5,730.4	57.3	
443+79.11	502+24.06	5,845.0	58.5	
0+00.00	6+39.87	639.9	6.4	JOHNSON COUNTY
23+21.85	80+91.80	5,770.0	57.7	
86+27.69	107+21.17	2,093.5	20.9	
118+40.64	162+53.18	4,412.5	44.1	
174+83.41	197+96.50	2,313.1	23.1	
243+75.76	246+62.04	286.3	2.9	
275+50.00	321+10.18	4,560.2	45.6	
EXCEPTIONS				
327+11.28	330+13.96	302.7	3	G0818
357+96.10	359+68.97	172.9	1.7	G0819
362+81.95	373+65.59	1,083.6	10.8	START OF WIDENING
430+96.02	443+79.11	1,283.1	12.8	END OF PASSING LANE
6+39.87	23+21.85	1,682.0	16.8	START OF PASSING LANE
80+91.80	86+27.69	535.9	5.4	END OF PASSING LANE
107+21.17	118+40.64	1,119.5	11.2	START OF PASSING LANE
162+53.18	174+83.41	1,230.2	12.3	END OF PASSING LANE
197+96.50	230+80.60	3,284.1	32.8	TURN LANES AT RTE H
230+80.43	243+75.76	1,295.3	13	J3P3109 PROJECT LIMITS
246+62.04	275+50.00	2888	28.9	TURN LANES AT CRD 700
321+10.18	400+14.45	7,904.3	79	TWLTL
		SUBTOTAL	404.7	
		PAY TOTAL	404.7	



DATE PREPARED 8/4/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 3
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION					
DATE					

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP								
ROUTE 13 RT		ROUTE 13 LT		RIGHT LENGTH FT	LEFT LENGTH FT	QUANTITY		REMARK
BEGIN STATION	END STATION	BEGIN STATION	END STATION			RIGHT STA	LEFT STA	
283+73.00	502+24.06	283+73.00	502+24.06	21,851.1	21,851.1	218.5	218.5	
0+00.00	230+80.60	0+00.00	230+80.60	23,080.6	23,080.6	230.8	230.8	
243+75.76	388+70.68	243+75.76	385+43.13	14,494.9	14,167.4	144.9	141.7	SPEED LIMIT CHANGE
EXCEPTIONS								
PAVED SIDEROADS AND ENTRANCES RT				6,308.4		-63.1		
PAVED SIDEROADS AND ENTRANCES LT					3,842.4		-38.4	
GRAVEL SIDEROADS AND ENTRANCES RT				2,199		-22		
GRAVEL SIDEROADS AND ENTRANCES LT					3,800.6		-38	
BR. NO. G0818				302.7	302.7	-3	-3	
BR. NO. G0819				172.9	172.9	-1.7	-1.7	
J3P3109 PROJECT LIMITS				1,295.3	1,295.3	-13	-13	
SUBTOTAL						491.4	496.9	
PAY TOTAL						988.3		

PAVEMENT TREATMENT - ALTERNATE D									
SHEET NO.	STATION	STATION	LOCATION	LENGTH	WIDTH	ALTERNATE PAVEMENT D SY	ROCK BASE (12 IN. THICK)		REMARKS
							FURNISHING SY	PLACING SY	
ROUTE 13 AT ROUTE YY									
18	501+01.90	502+24.06	ROUTE 13	122.2	32	434.5	434.5	434.5	LAFAYETTE CO
18	0+00.00	5+91.67	ROUTE 13	591.7	32	2,103.8	2,103.8	2,103.8	JOHNSON CO
ROUTE 13 AT ROUTE H									
46,48,50	197+52.15	230+80.46	ROUTE 13	3,328.3	VARIES	17,137	17,137	17,137	INCLUDES RTE H PVM'T
					SUBTOTAL	19,675.2	19,675.2	19,675.2	
					PAY TOTAL	19,675.2	*	*	

* SEE PAVEMENT TREATMENT - ALTERNATE E OR F FOR PAY TOTAL.

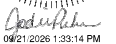
PORTLAND CEMENT CONCRETE CENTERLINE RUMBLE STRIP				
BEGIN STATION	END STATION	LENGTH FT	QUANTITY STA	REMARK
269+80.99	327+11.28	5730.3	57.3	
330+13.96	357+96.10	2782.1	27.8	
359+68.97	362+81.95	313	3.1	
373+65.59	430+96.02	5730.4	57.3	
443+79.11	502+24.06	5845	58.5	
0+00.00	6+39.87	639.9	6.4	JOHNSON COUNTY
23+21.85	80+91.80	5770	57.7	
86+27.69	107+21.17	2093.5	20.9	
118+40.64	162+53.18	4412.5	44.1	
174+83.41	197+96.50	2313.1	23.1	
243+75.76	246+62.04	286.3	2.9	
275+50.00	321+10.18	4560.2	45.6	
EXCEPTIONS				
327+11.28	330+13.96	302.7	3	G0818
357+96.10	359+68.97	172.9	1.7	G0819
362+81.95	373+65.59	1083.6	10.8	START OF WIDENING
430+96.02	443+79.11	1283.1	12.8	END OF PASSING LANE
6+39.87	23+21.85	1682	16.8	START OF PASSING LANE
80+91.80	86+27.69	535.9	5.4	END OF PASSING LANE
107+21.17	118+40.64	1119.5	11.2	START OF PASSING LANE
162+53.18	174+83.41	1230.2	12.3	END OF PASSING LANE
197+96.50	230+80.60	3284.1	32.8	TURN LANES AT RTE H
230+80.43	243+75.76	1295.3	13	J3P3109 PROJECT LIMITS
246+62.04	275+50.00	2888	28.9	TURN LANES AT CRD 700
321+10.18	400+14.45	7904.3	79	TWLT
SUBTOTAL			404.7	
PAY TOTAL			404.7	

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER



09/21/2026 1:33:14 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
9/21/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
3

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

REV.

PORTLAND CEMENT CONCRETE CENTERLINE RUMBLE STRIP				
BEGIN STATION	END STATION	LENGTH FT	QUANTITY STA	REMARK
269+80.99	327+11.28	5730.3	57.3	
330+13.96	357+96.10	2782.1	27.8	
359+68.97	362+81.95	313	3.1	
373+65.59	430+96.02	5730.4	57.3	
443+79.11	502+24.06	5845	58.5	
0+00.00	6+39.87	639.9	6.4	JOHNSON COUNTY
23+21.85	80+91.80	5770	57.7	
86+27.69	107+21.17	2093.5	20.9	
118+40.64	162+53.18	4412.5	44.1	
174+83.41	197+96.50	2313.1	23.1	
243+75.76	246+62.04	286.3	2.9	
275+50.00	321+10.18	4560.2	45.6	
EXCEPTIONS				
327+11.28	330+13.96	302.7	3	G0818
357+96.10	359+68.97	172.9	1.7	G0819
362+81.95	373+65.59	1083.6	10.8	START OF WIDENING
430+96.02	443+79.11	1283.1	12.8	END OF PASSING LANE
6+39.87	23+21.85	1682	16.8	START OF PASSING LANE
80+91.80	86+27.69	535.9	5.4	END OF PASSING LANE
107+21.17	118+40.64	1119.5	11.2	START OF PASSING LANE
162+53.18	174+83.41	1230.2	12.3	END OF PASSING LANE
197+96.50	230+80.60	3284.1	32.8	TURN LANES AT RTE H
230+80.43	243+75.76	1295.3	13	J3P3109 PROJECT LIMITS
246+62.04	275+50.00	2888	28.9	TURN LANES AT CRD 700
321+10.18	400+14.45	7904.3	79	TWLT
		SUBTOTAL	404.7	
		PAY TOTAL	404.7	

PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP								
ROUTE 13 RT		ROUTE 13 LT		RIGHT LENGTH FT	LEFT LENGTH FT	QUANTITY		REMARK
BEGIN STATION	END STATION	BEGIN STATION	END STATION			RIGHT STA	LEFT STA	
283+73.00	502+24.06	283+73.00	502+24.06	21,851.1	21,851.1	218.5	218.5	
0+00.00	230+80.60	0+00.00	230+80.60	23,080.6	23,080.6	230.8	230.8	
243+75.76	388+70.68	243+75.76	385+43.13	14,494.9	14,167.4	144.9	141.7	SPEED LIMIT CHANGE
EXCEPTIONS								
PAVED SIDEROADS AND ENTRANCES RT				6,308.4		-63.1		
PAVED SIDEROADS AND ENTRANCES LT					3,842.4		-38.4	
GRAVEL SIDEROADS AND ENTRANCES RT				2,199		-22		
GRAVEL SIDEROADS AND ENTRANCES LT					3,800.6		-38	
BR. NO. G0818				302.7	302.7	-3	-3	
BR. NO. G0819				172.9	172.9	-1.7	-1.7	
J3P3109 PROJECT LIMITS				1,295.3	1,295.3	-13	-13	
						SUBTOTAL	491.4	496.9
						PAY TOTAL	988.3	

PAVEMENT TREATMENT - ALTERNATE F											
SHEET	STATION	STATION	LOCATION	SIDE	LENGTH	WIDTH	ALTERNATE PAVEMENT F SY	ROCK BASE (12 IN. THICK)		PAVEMENT EDGE TREATMENT LF	REMARKS
								FURNISHING SY	PLACING SY		
PASSING LANE- SOUTHBOUND 1											
4-6	362+81.80	372+42.10	ROUTE 13	LT	960.3	4.5 - 20.5	1,360.8	1,360.8	1,360.8	1,920.6	TAPER
6-14	372+42.10	434+39.14	ROUTE 13	LT	6197	20.5	14,116.1	14,116	14,116	12,394.1	PASSING LANE
14-16	434+39.14	443+99.45	ROUTE 13	LT	960.3	20.5 - 4.5	1,335.8	1,335.8	1,335.8	1,920.6	TAPER
PASSING LANE- NORTHBOUND 1											
18-20	5+91.67	15+51.67	ROUTE 13	LT	960	4.7 - 20.5	1,319.7	1,319.7	1,319.7	1,920	TAPER
20-26	15+51.67	54+80.00	ROUTE 13	LT	3928.3	20.5	8,947.8	8,947.8	8,947.8	7,856.7	PASSING LANE
26	54+80.00	56+00.00	0	LT	120	20.5-18.5	260.1	260.1	260.1	240	TAPER
26-29	56+00.00	81+47.94	0	LT	2547.9	18.5	5237.4	5237.4	5237.4	5095.9	PASSING LANE
29-30	81+47.94	86+27.97	ROUTE 13	LT	480	18.5 - 4.5	605.8	605.8	605.8	960.1	TAPER
30	86+27.97	86+57.97	ROUTE 13	LT	30	4.5 - 4	14.1	14.1	14.1	60	TAPER TO EXIST. SHLDR WIDTH
PASSING LANE- SOUTHBOUND 2											
32	107+03.02	107+21.02	ROUTE 13	LT	18	4.2 - 4.5	8.8	8.8	8.8	36	TAPER FROM EXIST. SHLDR WIDTH
32-34	107+21.02	116+81.02	ROUTE 13	LT	960	4.5 - 20.5	1,357.5	1,357.5	1,357.5	1,920	TAPER
34-42	116+81.02	170+23.61	ROUTE 13	LT	5342.6	20.5	12,169.2	12,169.2	12,169.2	10,685.2	PASSING LANE
42	170+23.61	175+03.61	ROUTE 13	LT	480	20.5 - 4.5	673	673	673	960	TAPER
42	175+03.61	175+29.61	ROUTE 13	LT	26	4.5 - 4	12.3	12.3	12.3	52	TAPER TO EXIST. SHLDR WIDTH
PASSING LANE- NOUTHBOUND 2											
54-58	266+09.82	290+02.56	ROUTE 13	RT	2392.7		4,731.1	4,731.1	4,731.1	4,785.5	
62-64	322+58.27	336+17.00	ROUTE 13	RT	1358.7		1,468.3	1,468.3	1,468.3	2,717.5	
50-56	246+30.45	275+69.81	ROUTE 13	LT	2939.4		4,682.8	4,682.8	4,682.8	5,878.7	
56-64	280+95.85	336+17.00	ROUTE 13	LT	5521.2		10,449.3	10,449.3	10,449.3	11,042.3	
TWO-WAY LEFT-TURN LANE											
65-75	336+16.79	396+87.83	ROUTE 13	RT	6071		7,742.7	7,742.7	7,742.7	12,141.7	TAPER
75	396+87.83	398+20.48	ROUTE 13	RT	132.7		79.2	79.2	79.2	265.3	
65-75	336+16.79	396+87.83	ROUTE 13	LT	6071		7,769.9	7,769.9	7,769.9	12,141.7	
75	396+87.83	398+20.48	ROUTE 13	LT	132.7		141.7	141.7	141.7	265.3	
SUBTOTAL							84,483.4	84,483.3	84,483.3	95,259.2	
SUBTOTAL PAVEMENT TREATMENT - ALTERNATE C OR D							-	19,675.2	19,675.2	-	
PAY TOTAL							84,483.4	104,159	104,159	95,260	

SUMMARY OF QUANTITIES
SHEET 31 OF 32

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

DATE PREPARED
9/21/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
3

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REV.



NE 1/4 NW 1/4
SEC 12
T48N R26W

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.

NOTE:
STA. 265+00.00 TO STA. 355+30.00
NO RIGHT OF WAY ACQUISITION.
MILL & FILL ONLY.

01
ROBERT A & DOROTHY
BELL FAMILY TRUST

SE 1/4 NW 1/4
SEC 12
T48N R26W

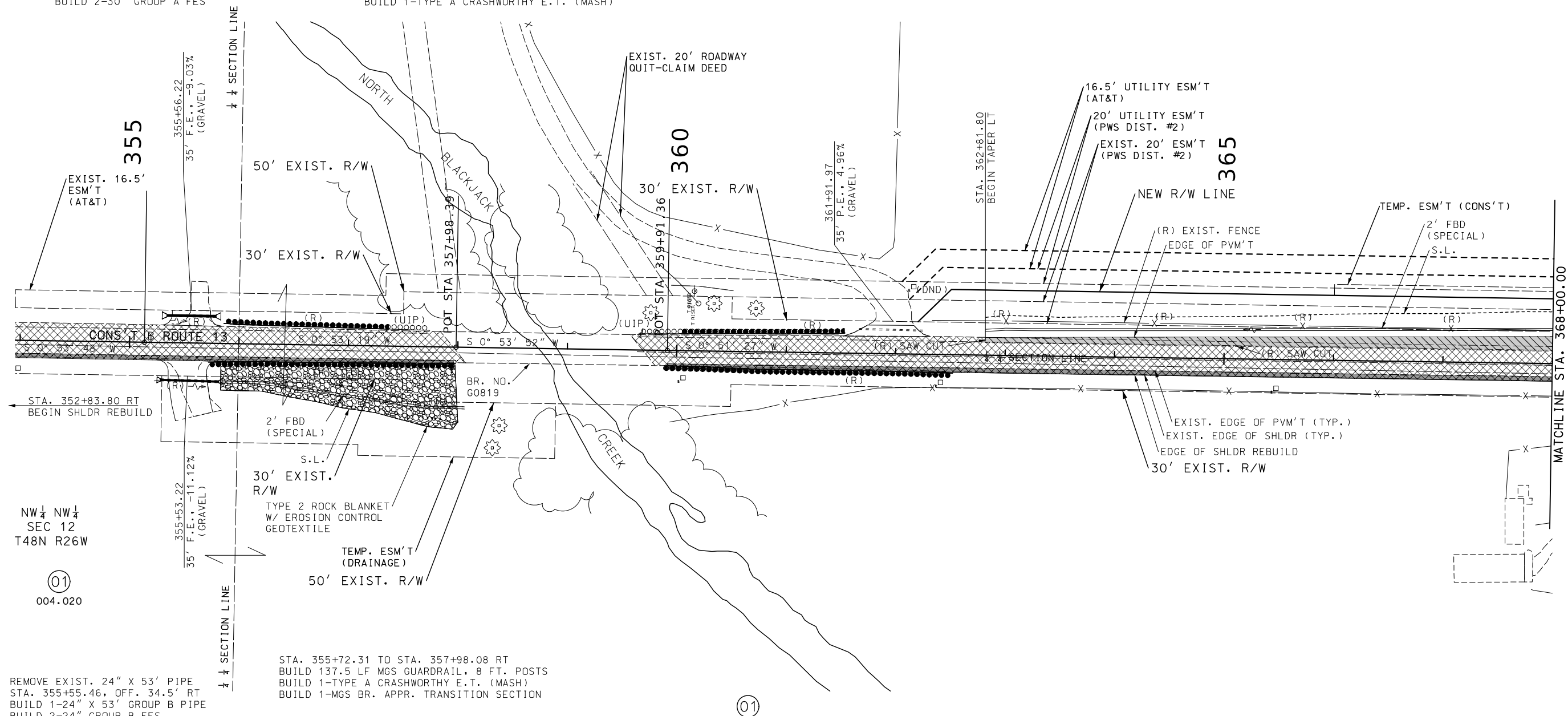
THE LIMITS FOR THIS PROJECT EXTEND FROM
STA. 265+00.00 TO STA. 398+20.50

ALL BEARINGS SHOWN ARE MODIFIED STATE PLANE
BEARINGS, WESTERN ZONE.

REMOVE EXIST. 24" X 36' PIPE
STA. 355+56.22, OFF. 24.7' LT
BUILD 1-30" X 45' GROUP A PIPE
BUILD 2-30" GROUP A FES

STA. 355+85.89 TO STA. 357+36.65 LT
UIP EXIST. BR. APPR. TRANS. SECTION
BUILD 1-MGS HEIGHT AND BLOCK TRANS. SECTION
BUILD 75 LF MGS GUARDRAIL, 8 FT. POSTS
BUILD 1-TYPE A CRASHWORTHY E.T. (MASH)

STA. 360+02.56 TO STA. 361+53.32 LT
UIP EXIST. BR. APPR. TRANS. SECTION
BUILD 1-MGS HEIGHT AND BLOCK TRANS. SECTION
BUILD 100 LF MGS GUARDRAIL, 8 FT. POSTS
BUILD 1-TYPE A CRASHWORTHY E.T. (MASH)



NW 1/4 NW 1/4
SEC 12
T48N R26W

01
004.020

REMOVE EXIST. 24" X 53' PIPE
STA. 355+55.46, OFF. 34.5' RT
BUILD 1-24" X 53' GROUP B PIPE
BUILD 2-24" GROUP B FES

STA. 355+83.76 TO STA. 358+00.94
BUILD TYPE 2 ROCK BLANKET, 644 CY
BUILD EROSION CONTROL GEOTEXTILE, 967 SY

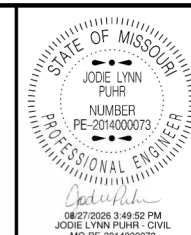
LEGEND

- 1" COLDMILL
- 2" OVERLAY SP125C
- SHLDR REBUILD
- ALTERNATE PVM'T
- ROCK BLANKET

STA. 359+88.92 TO STA. 362+52.18 RT
BUILD 175 LF MGS GUARDRAIL, 8 FT. POSTS
BUILD 1-TYPE A CRASHWORTHY E.T. (MASH)
BUILD 1-MGS BR. APPR. TRANSITION SECTION

SW 1/4 NW 1/4
SEC 12
T48N R26W

PLAN-PROFILE SHEET
SHEET 1 OF 73



DATE PREPARED
8/27/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 4

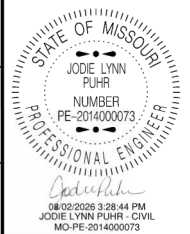
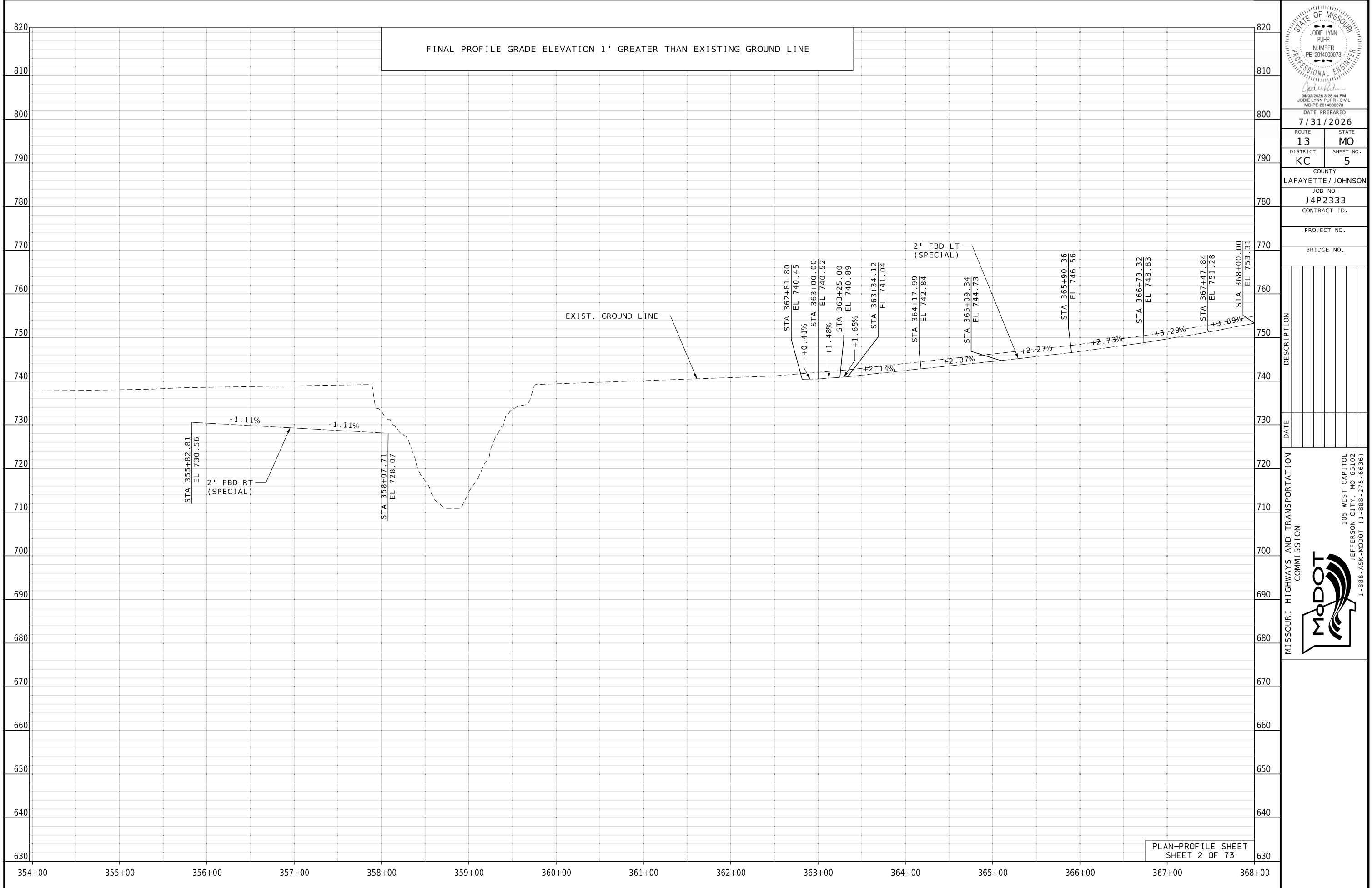
COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



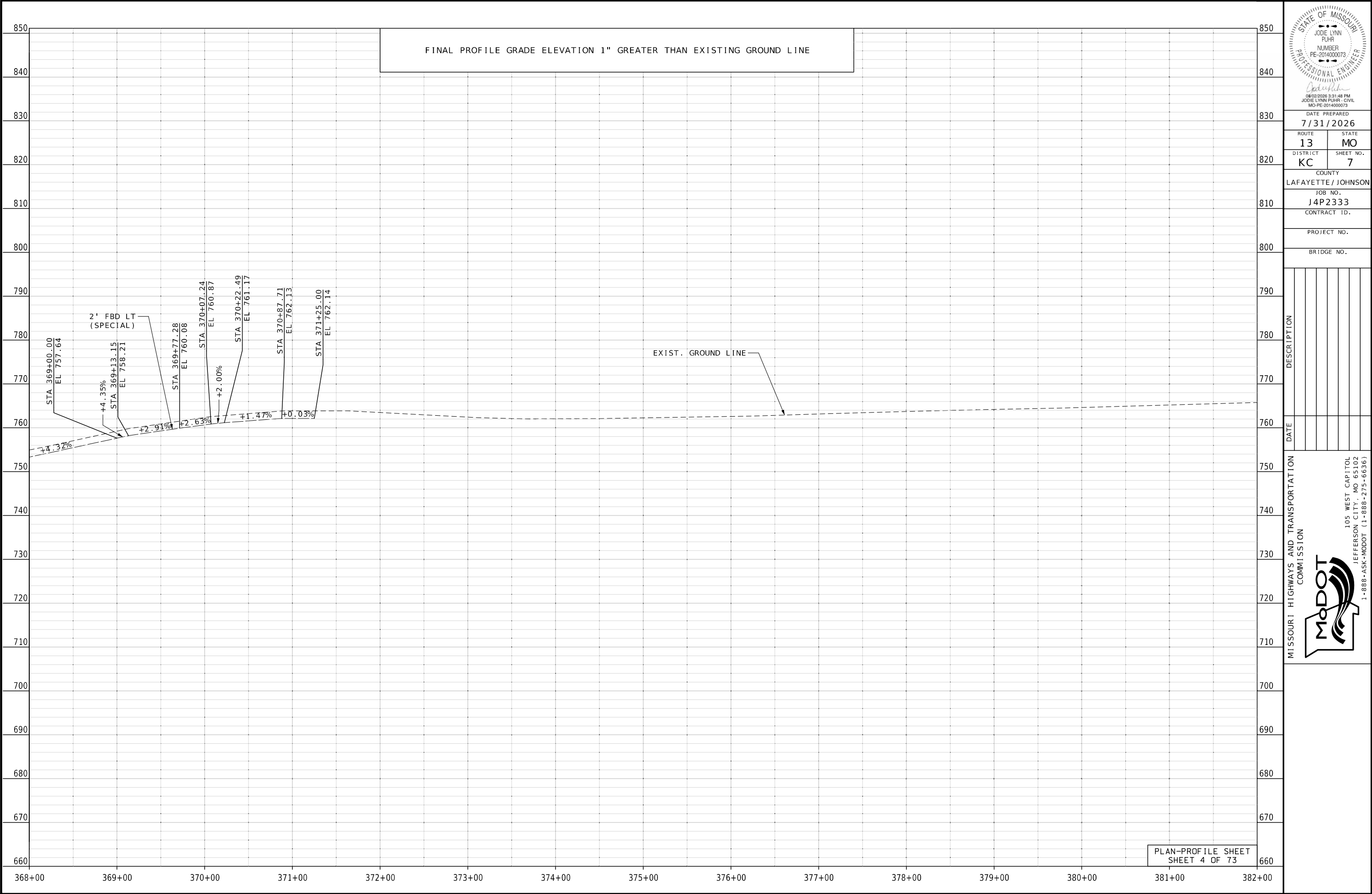
DATE PREPARED
7/31/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 5
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 3:31:48 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
7

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

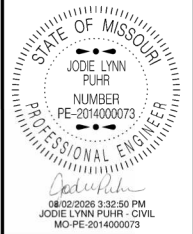
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 9
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	

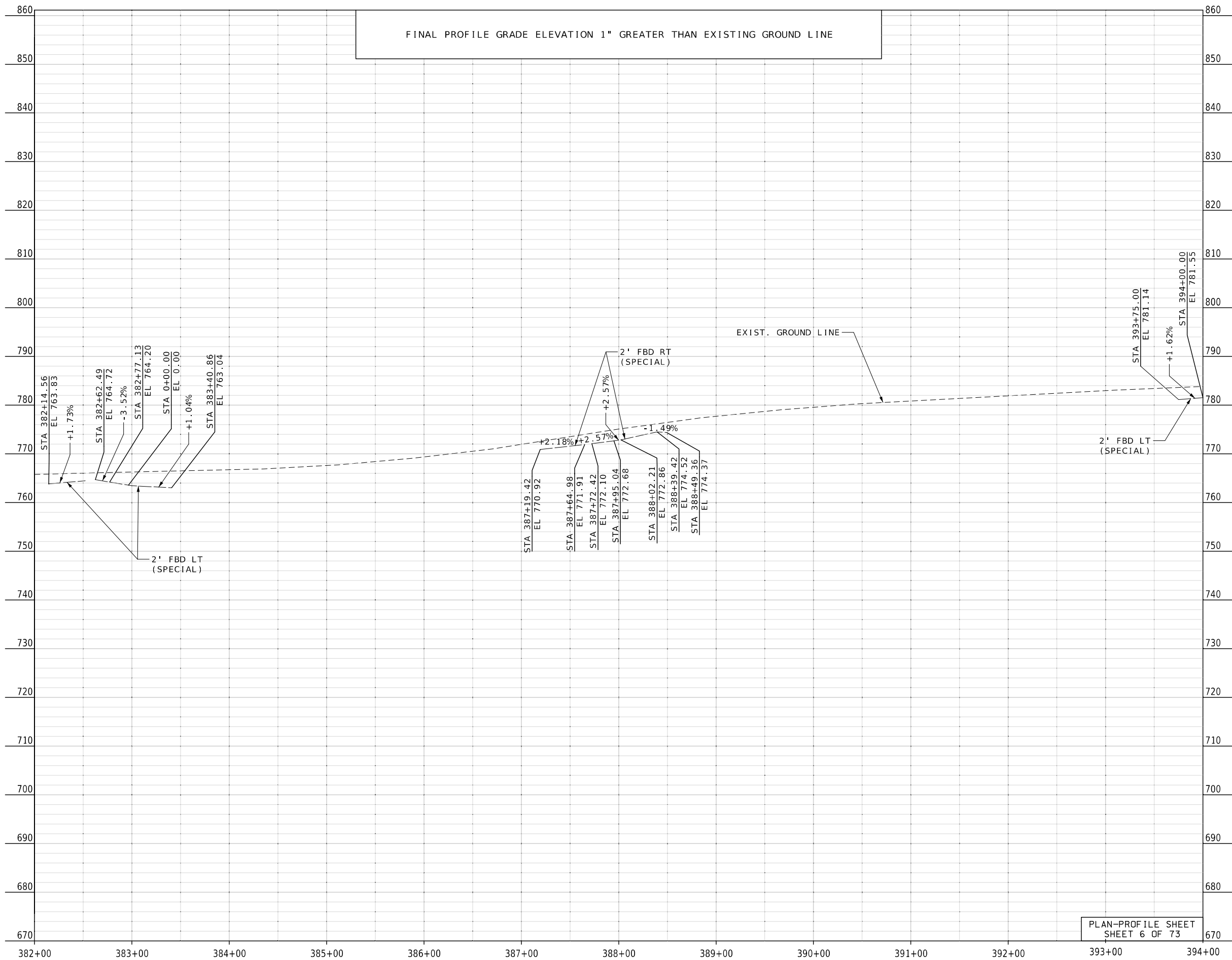
PROJECT NO.
BRIDGE NO.

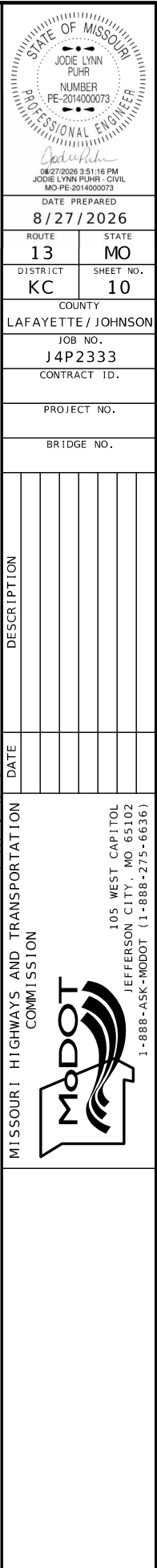
DATE	DESCRIPTION

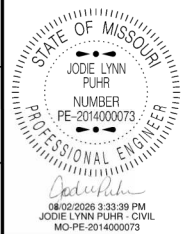
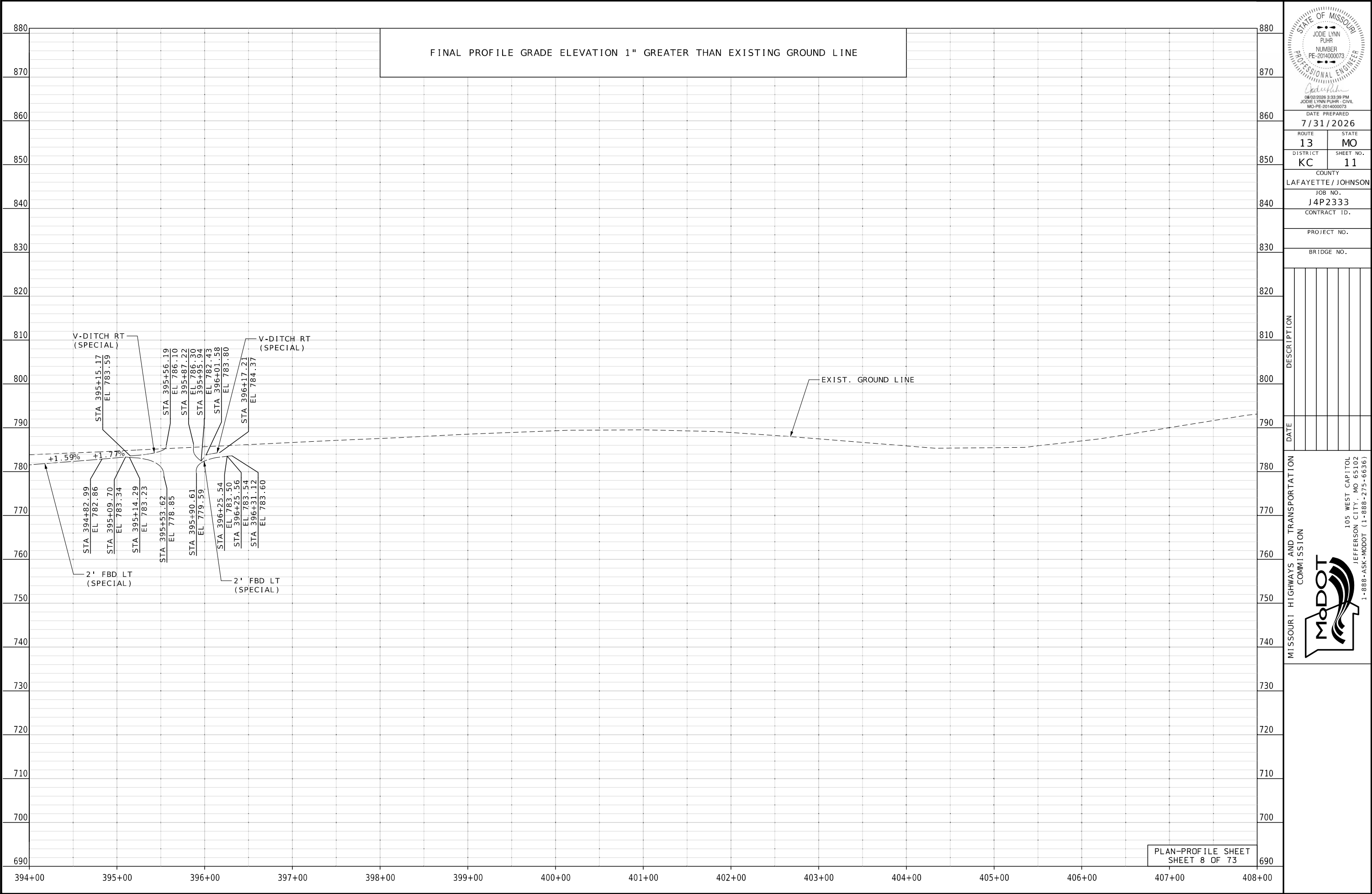
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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







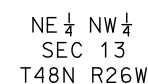
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 11
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



EXTEND EXIST. 18" X 59' RCP
STA. 411+14.98 LT
SKEW 1° 19' 29" LA
BUILD 1-18" GROUP A FES
BUILD ROCK LINING AT OUTLET
SEE CULVERT SECTION FOR DETAILS
(CULVERT CLEANOUT)

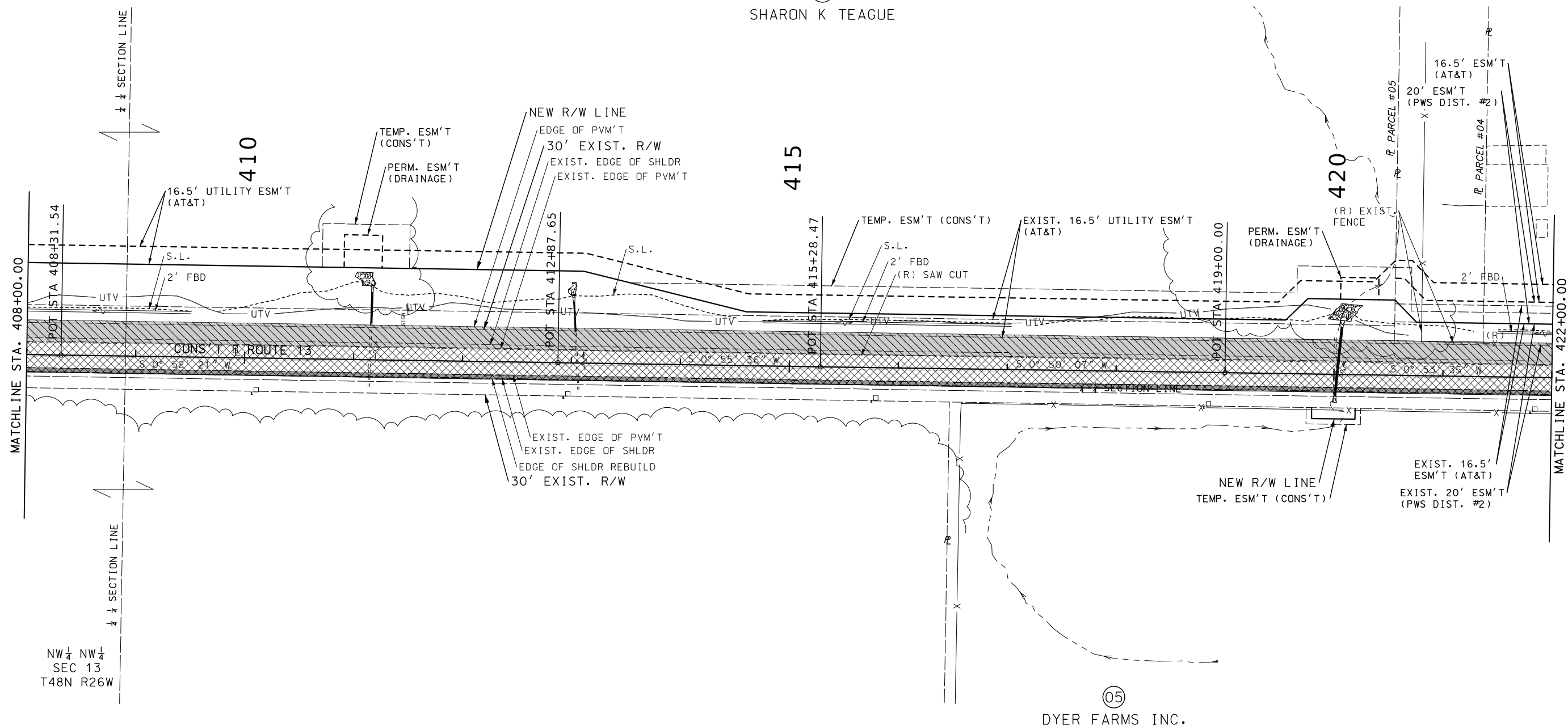
EXTEND EXIST. 15" RCP
STA. 413+05.22 LT
SKEW 4° 40' 54" RA
BUILD 1-15" GROUP A FES
BUILD ROCK LINING AT OUTLET
SEE CULVERT SECTION FOR DETAILS
(CULVERT CLEANOUT)

SE $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 13
T48N R26W

REMOVE EXIST. 24" X 62' RCP AT STA. 420+00.84
STA. 420+02.91, SKEW 0° 14' 58" LA
BUILD 24" X 75' GROUP A PIPE (RCP)
BUILD 2-24" GROUP A FES
D.A. = 24.5 AC
Q50 = 41.8 CFS.
BUILD ROCK LINING AT OUTLET
SEE CULVERT SECTION FOR DETAILS

05
DYER
FARMS
INC.

04
SHARON K TEAGUE



NW $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 13
T48N R26W

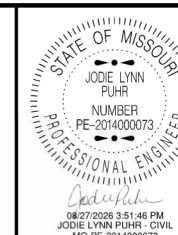
SW $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 13
T48N R26W

PLAN-PROFILE SHEET
SHEET 9 OF 73



LEGEND

	1" COLDMILL
	2" OVERLAY SP125C
	SHLDR REBUILD
	ALTERNATE PVM'T



DATE PREPARED
8/27/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	12

COUNTY
LAFAYETTE / JOHNS

JOB NO.
14P2333

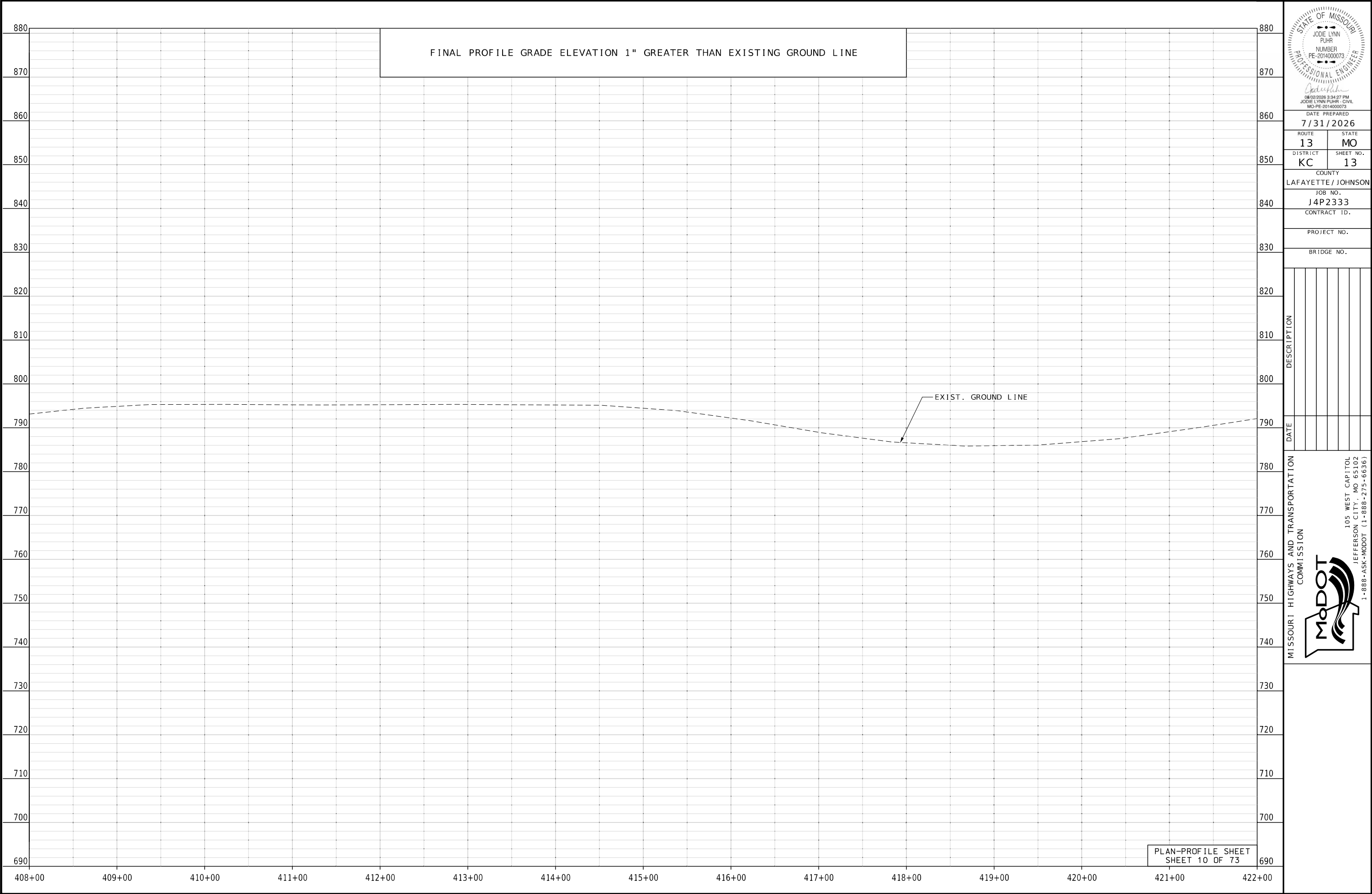
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



STATE OF MISSOURI

JODE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 3:34:27 PM

JODE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

DISTRICT

KC

STATE

MO

SHEET NO.

13

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

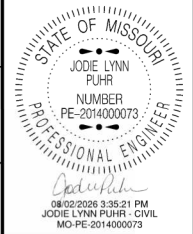
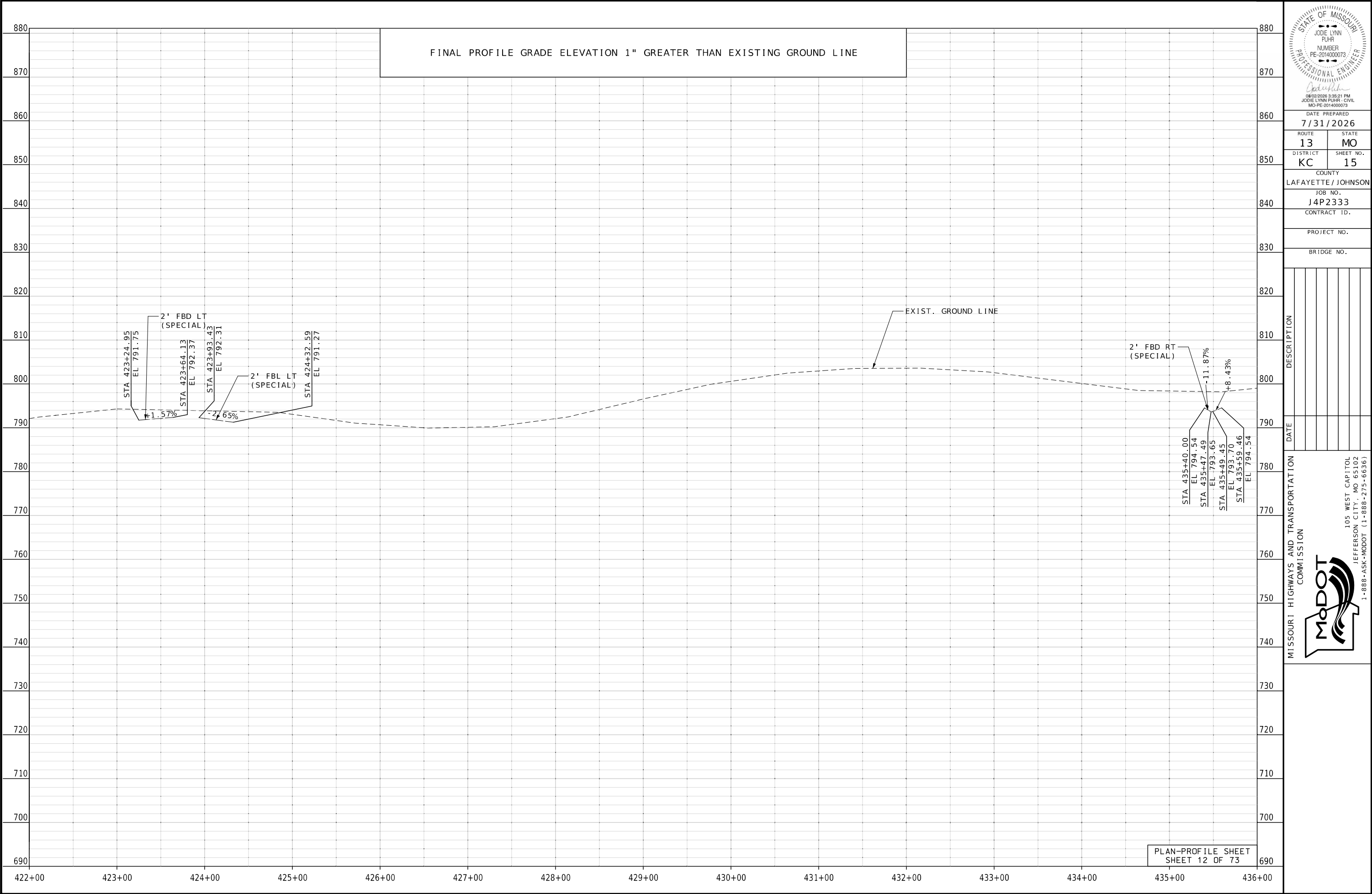
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

PLAN-PROFILE SHEET

SHEET 10 OF 73



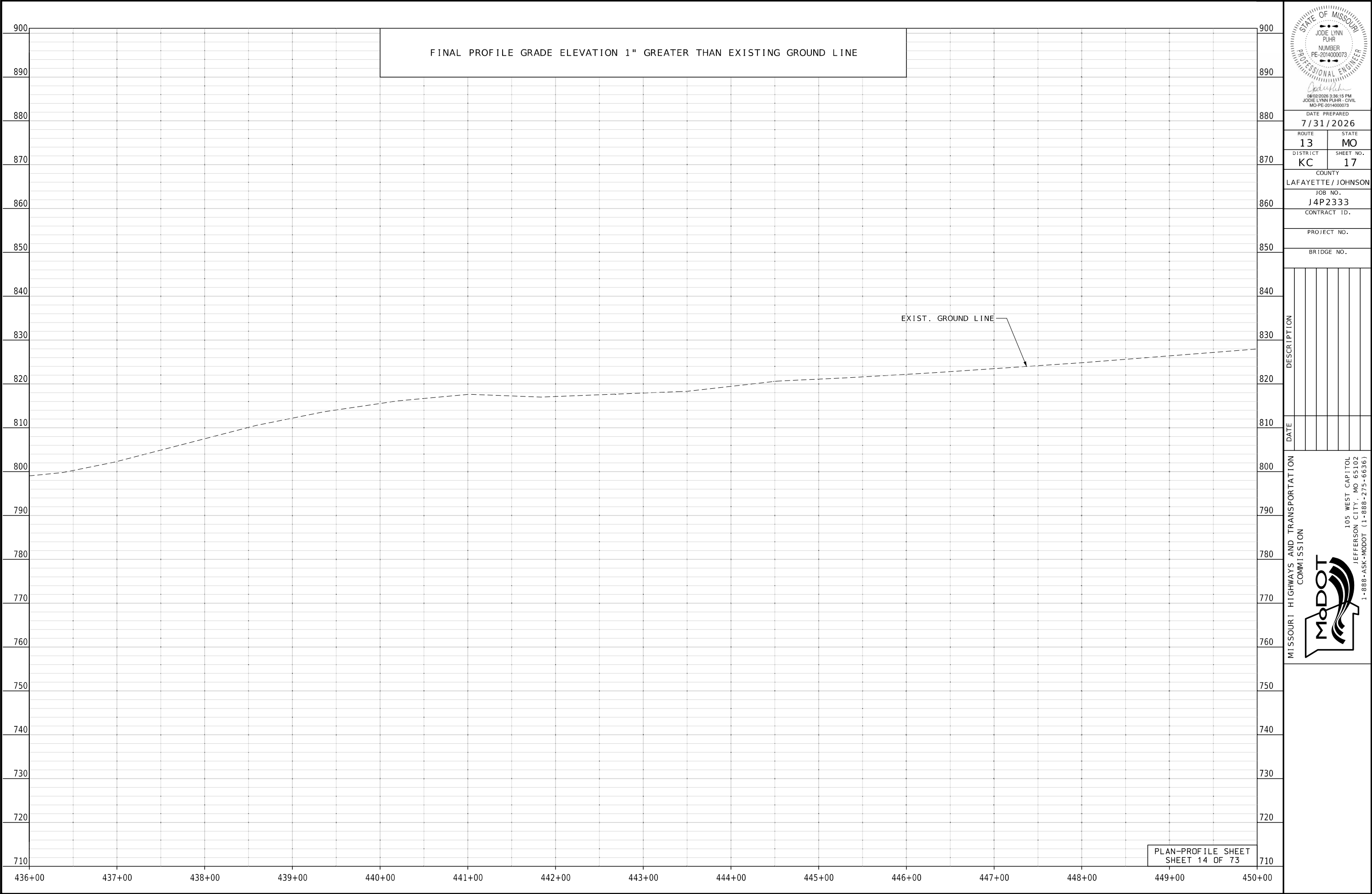
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 15
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

04/02/2026 3:36:15 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

17

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

REMOVE EXISTING 18" X 50' PIPE
STA. 0+33.73 CONST' E RTE YY
SKEW 0°
BUILD 1-23" X 14" X 66.4'
CLASS IV CONC. ELLIPTICAL PIPE
BUILD 2-23"x14" CONC. ELLIPTICAL FES

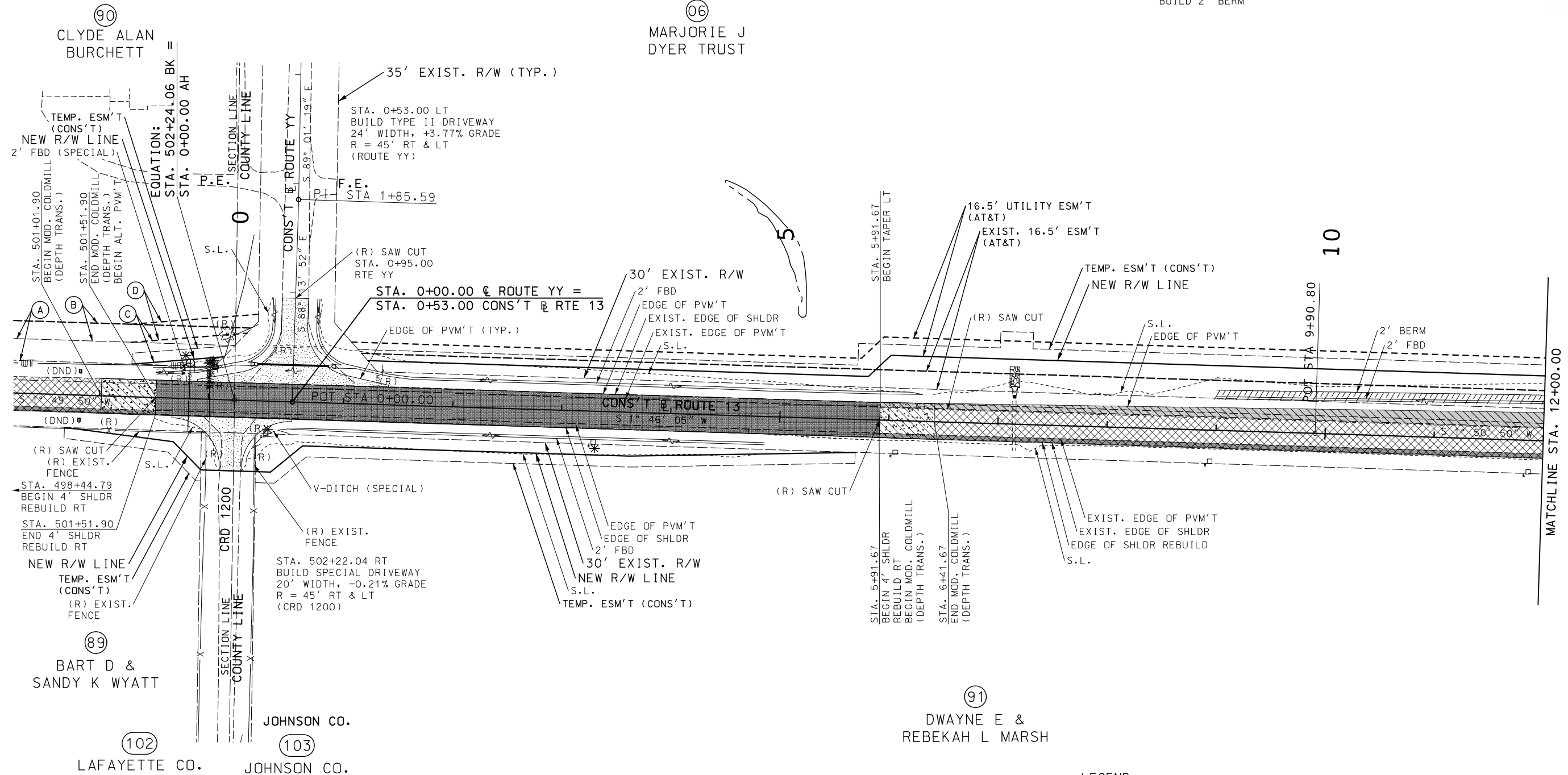
- (A) EXIST. 20' ESM'T
(PWS DIST. #2)
- (B) EXIST. 16.5' ESM'T
(AT&T)
- (C) 20' UTILITY ESM'T
(PWS DIST. #2)
- (D) 16.5' UTILITY ESM'T
(AT&T)

REMOVE EXIST. WINGWALLS RT
EXTEND EXIST. 36" X 50' RCP
STA. 7+15.07 LT
SKEW 1° 10' 10' RA
BUILD 1-36" X 3.1' PIPE GROUP A
BUILD 1-36" GROUP A FES
SEE CULVERT SECTION FOR DETAILS
(CULVERT CLE7ANOUT)

NOTE:
STA. 450+00.00 TO STA. 501+10.00
NO RIGHT OF WAY ACQUISITION.
MILL & FILL ONLY.

STA. 9+00 TO STA. 25+81 LT
(CONT. PLAN-PROFILE SHEET 15 OF 73)
BUILD 2' BERM

06
MARJORIE J
DYER TRUST



NOTE:
* RELOCATE UTILITIES BY OTHERS

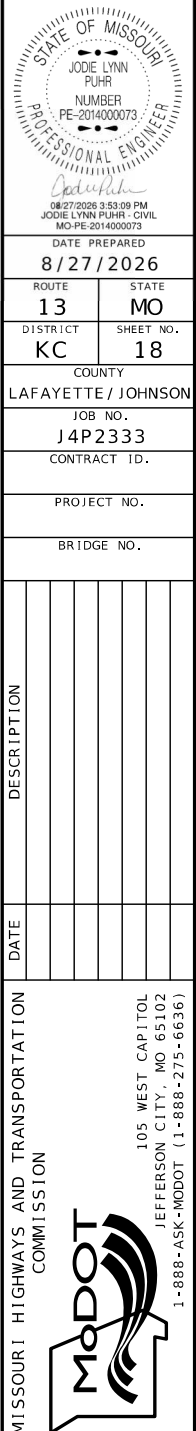
SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

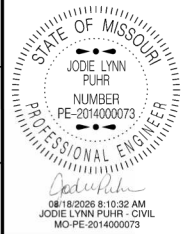
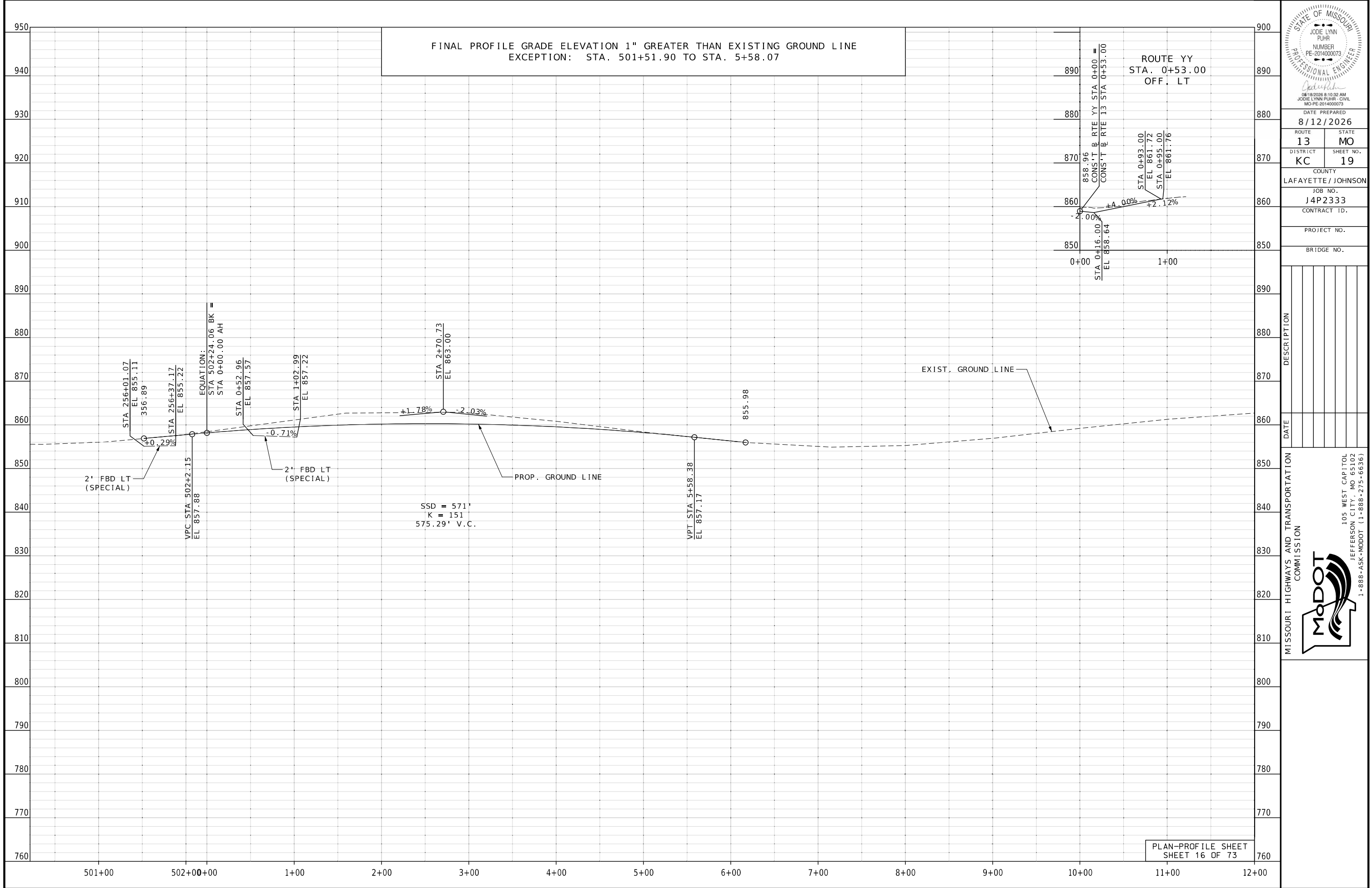
NW $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 25
T48N R26W

LEGEND

	1" COLDMILL
	2" OVERLAY SP125C
	MOD. COLDMILL (DEPTH TRANS.)
	SHLDR REBUILD
	ALTERNATE PVM'T
	ASPHALT PVM'T (SIDE ROAD)

PLAN-PROFILE SHEET
SHEET 15 OF 73



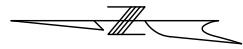


DATE PREPARED 8/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 19
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



STA. 9+00 TO STA. 25+81 LT
(CONT. PLAN-PROFILE SHEET 15 OF 73)
BUILD 2' BERM

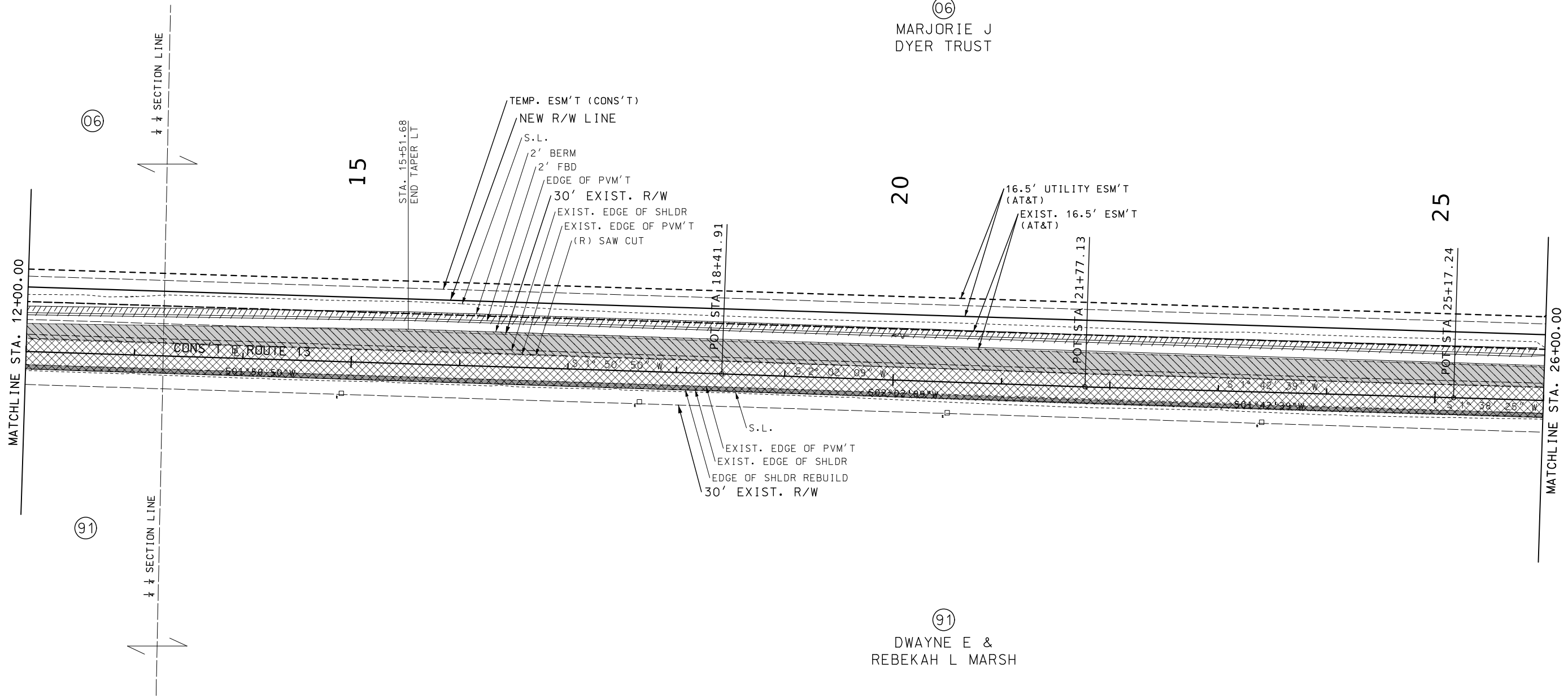
SE $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 25
T48N R26W

06
MARJORIE J
DYER TRUST

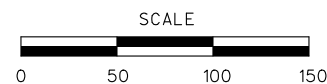
91
DWAYNE E &
REBEKAH L MARSH

SE $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 25
T48N R26W

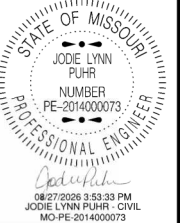
PLAN-PROFILE SHEET
SHEET 17 OF 73



LEGEND
1" COLDMILL
2" OVERLAY SP125C
SHLDR REBUILD
ALTERNATE PVM'T



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

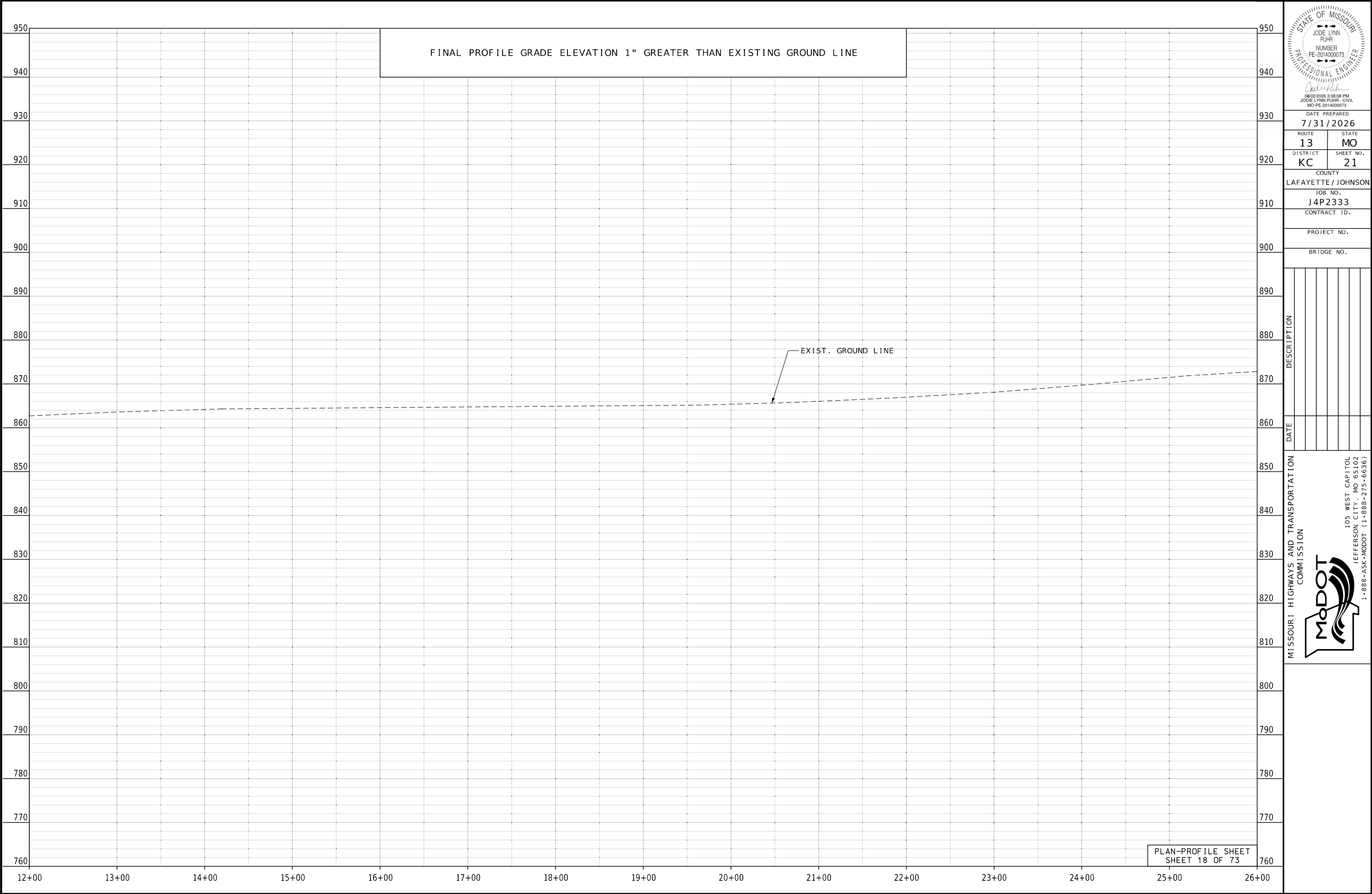


DATE PREPARED
8/27/2026
ROUTE 13 STATE MO
DISTRICT KC SHEET NO. 20
COUNTY LAFAYETTE / JOHNSON
JOB NO. J4P2333
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

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





STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/10/2025 3:38:08 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

DISTRICT

KC

STATE

MO

SHEET NO.

21

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

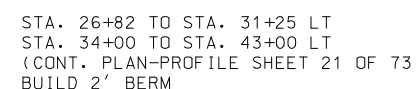
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

PLAN-PROFILE SHEET

SHEET 18 OF 73

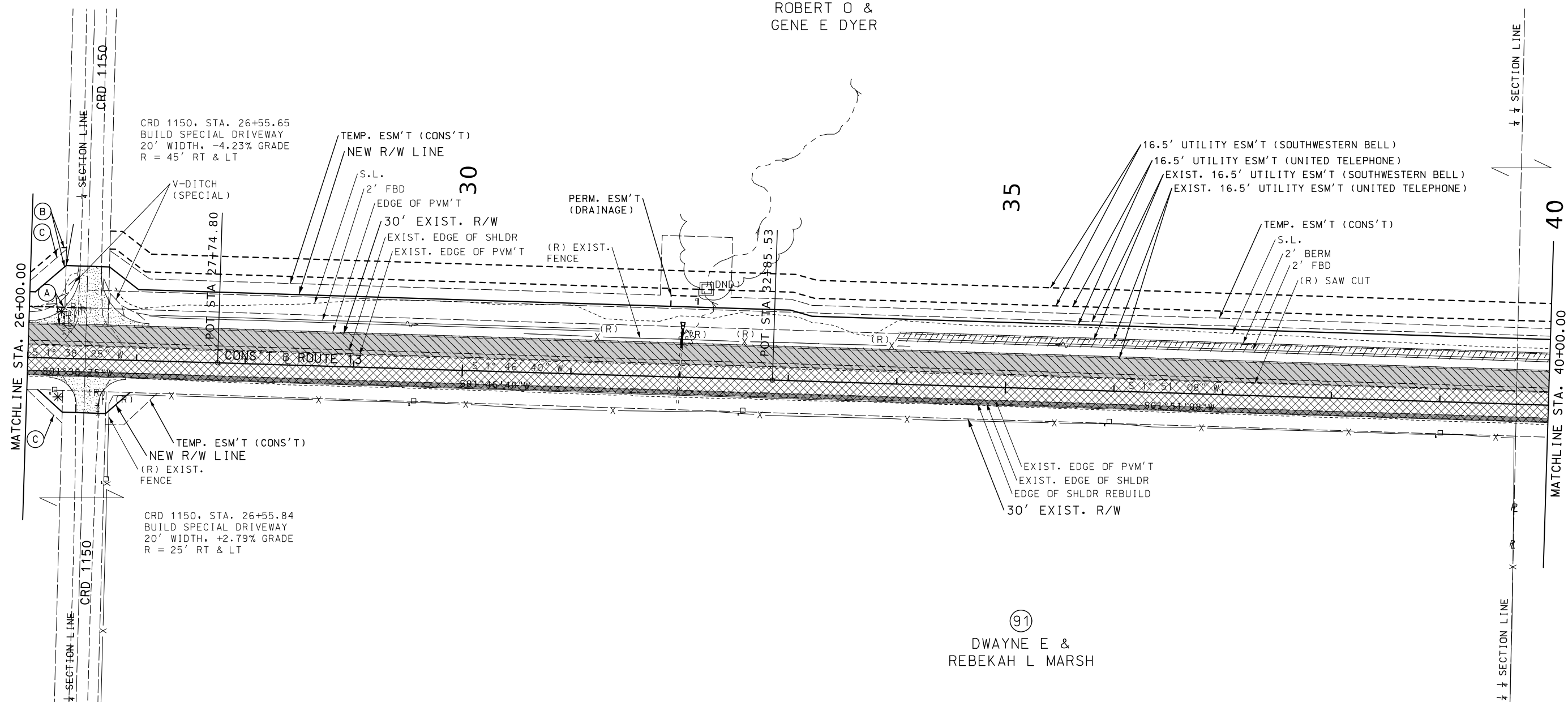


EXTEND EXIST. 24" X 53' RCP
STA. 31+99.87 LT
SKEW 2° 13' 59" LA
BUILD 1-24" GROUP A FES
SEE CULVERT SECTION FOR DETAILS
(CULVERT CLEANOUT)

NE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 25
T48N R26W

105
JOHNSON CO.

07
ROBERT O &
GENE E DYER



104
JOHNSON CO.

(A) EXIST. 16.5' ESM'T
(AT&T)

(B) 16.5' UTILITIY ESM'T
(AT&T)

(C) TEMP. ESM'T
(CONS'T)

NE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 25
T48N R26W

LEGEND

	1" COLDMILL
	2" OVERLAY SP125C
	SHLDR REBUILD
	ALTERNATE PVM'T
	ASPHALT PVM'T (SIDE ROAD)

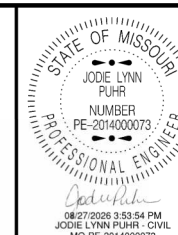
SCALE

0 50 100 150

NOTE:
* RELOCATE UTILITIES BY OTHERS

SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

PLAN-PROFILE SHEET
SHEET 19 OF 73



DATE PREPARED

8/27/202

ROUTE	ST
-------	----

13	M
CO ₂ < 40,000 ppm	CO ₂ < 40,000 ppm

DISTRICT
KC

COUNTY

LAFAYETTE / JOHN

JOB NO.
1150000

J4P2333

CONTRACT ID

CONTRACT ID:

PROJECT NO. _____

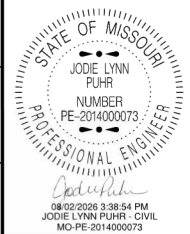
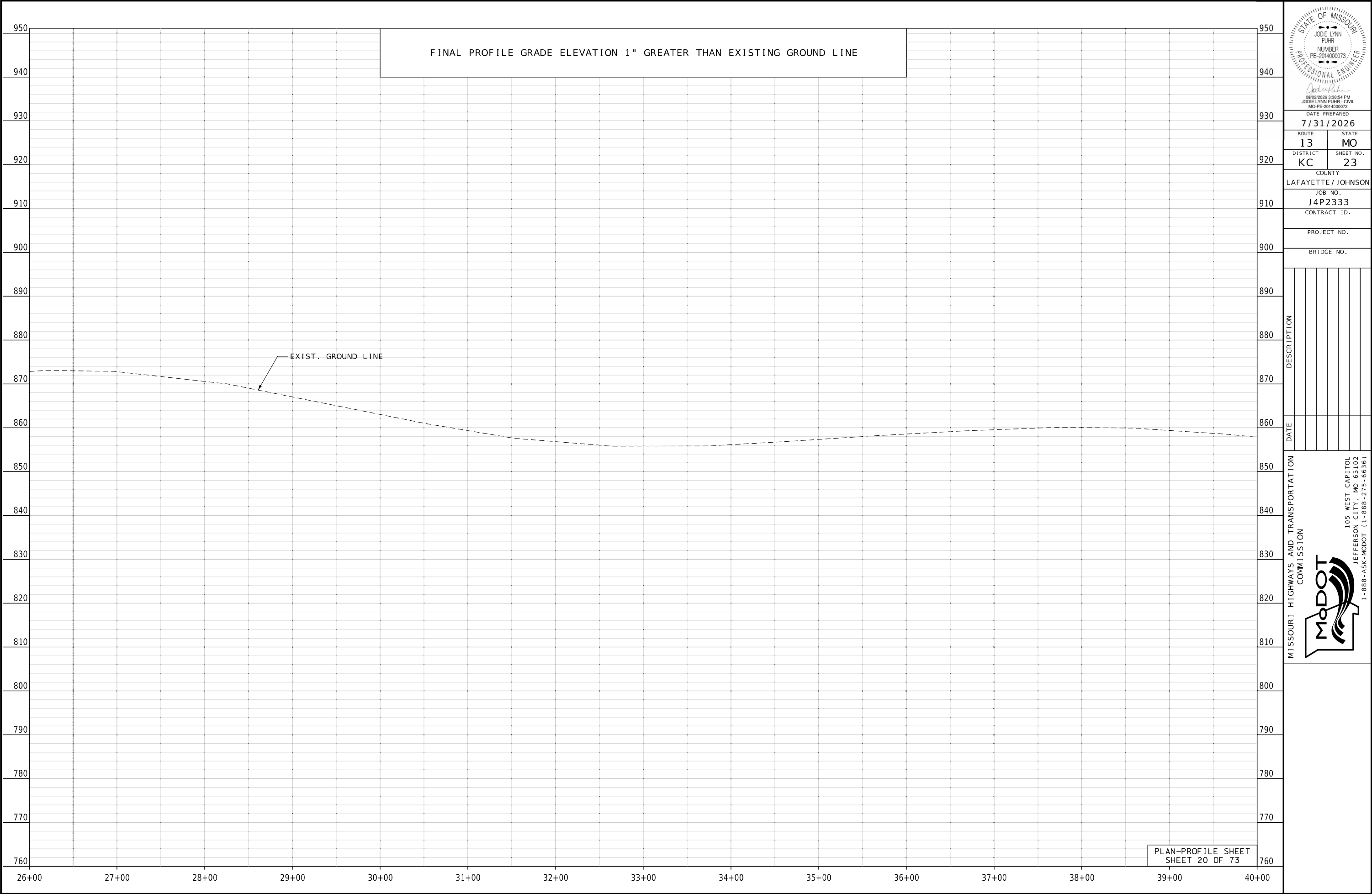
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102





DATE PREPARED	
7/31/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	23
COUNTY	
LAFAYETTE / JOHNSON	
JOB NO.	
J4P2333	
CONTRACT ID.	

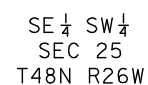
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

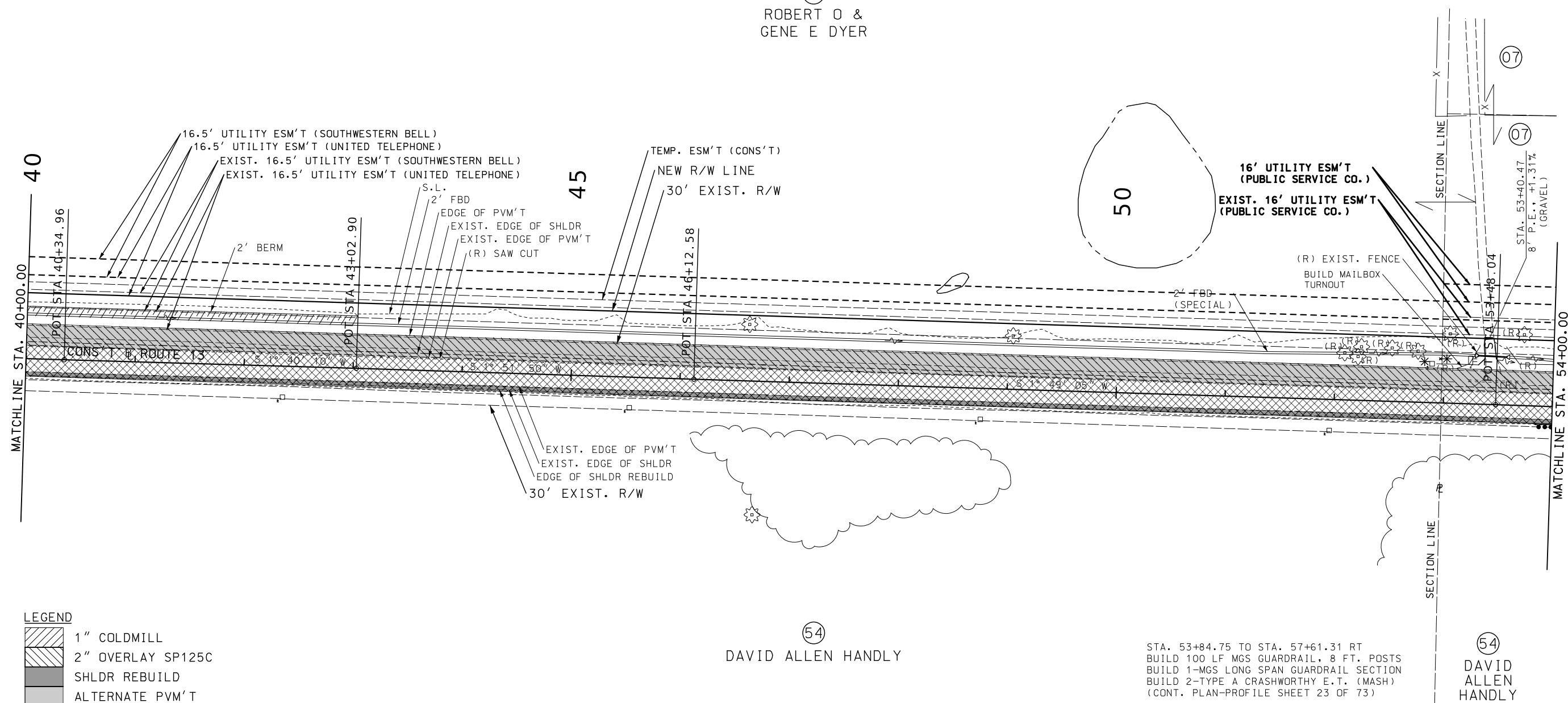


REMOVE EXIST. 18" X 54' RCP
STA. 53+43.99, OFF. 44.2' LT
BUILD 1-18" X 26' GROUP B PIPE
BUILD 2-18" GROUP B FES

NE $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 36
T48N R26W

STA. 34+00 TO STA. 43+00 LT
(CONT. PLAN-PROFILE SHEET 19 OF 73)
BUILD 2' BERM

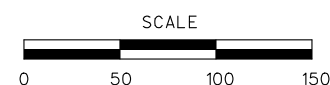
07
ROBERT O &
GENE E DYER



LEGEND

	1" COLDMILL
	2" OVERLAY SP125C
	SHLDR REBUILD
	ALTERNATE PVM'T

NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

(54)
DAVID ALLEN HANDLY

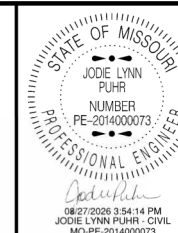
SE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 25
T48N R26W

STA. 53+84.75 TO STA. 57+61.31 RT
BUILD 100 LF MGS GUARDRAIL, 8 FT. POSTS
BUILD 1-MGS LONG SPAN GUARDRAIL SECTION
BUILD 2-TYPE A CRASHWORTHY E.T. (MASH)
(CONT. PLAN-PROFILE SHEET 23 OF 73)

54
DAVID
ALLEN
HANDLY

NE $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 36
T48N R26W

PLAN-PROFILE SHEET
SHEET 21 OF 73



DATE PREPARED
8/27/202

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	24

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
14P2333

CONTRACT ID

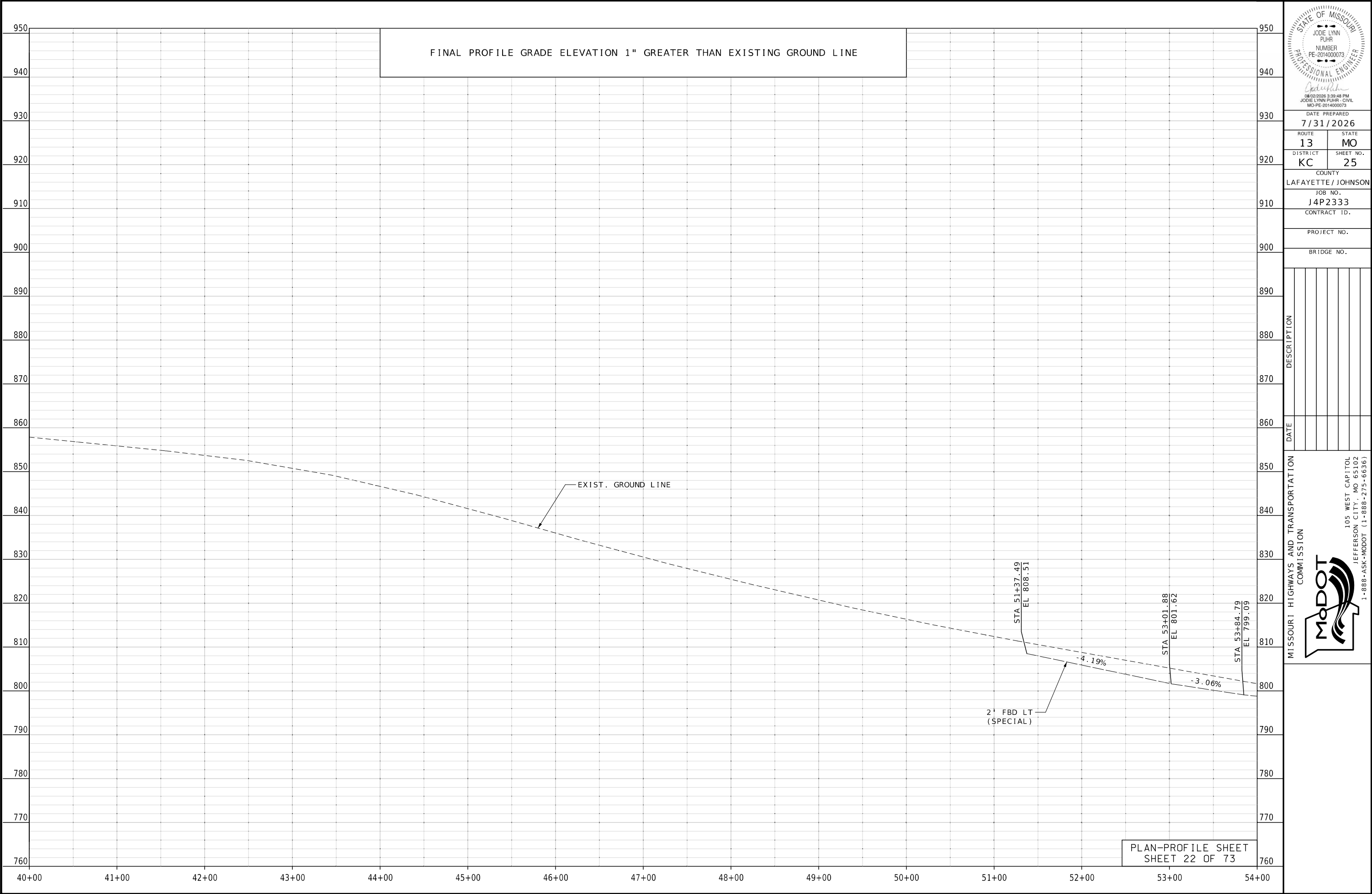
PROJECT NO. _____

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
25

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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





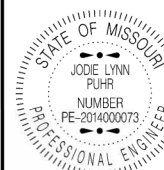
STA. 54+45.08 TO STA. 58+71.70 LT
BUILD 150 LF MGS GUARDRAIL, 8 FT. POSTS
BUILD 1-MGS LONG SPAN GUARDRAIL SECTION
BUILD 2-TYPE A CRASHWORTHY E.T. (MASH)

NE 1/4 NW 1/4
SEC 36
T48N R26W

REMOVE EXIST. 12" X 22' RCP
STA. 62+4069, OFF. 43.4' LT
BUILD 1-12" X 38' GROUP B PIPE
BUILD 2-12" GROUP B FES

SE 1/4 NW 1/4
SEC 36
T48N R26W

ABANDON & FILL
EXIST. 15" X 50' RCP
STA. 67+82.10
SKEW 2° 40' 01" LA



DATE PREPARED
8/27/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 26

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

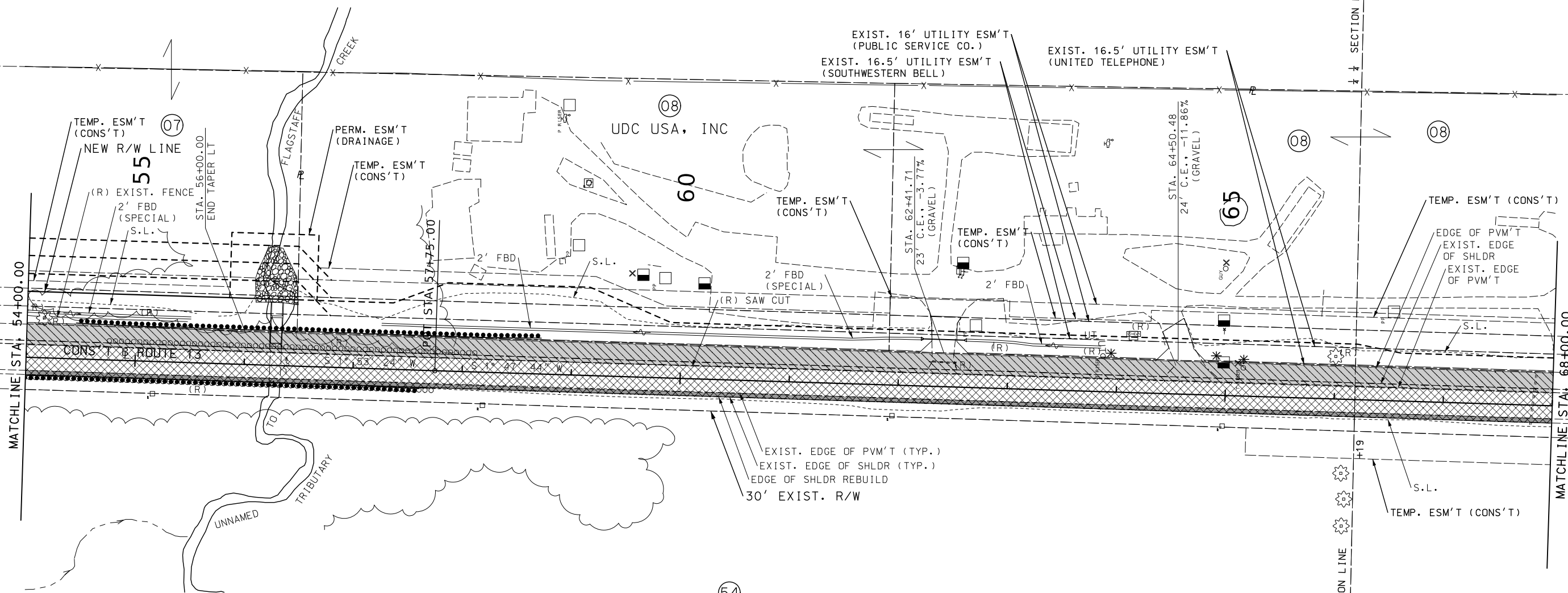
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

07
ROBERT O &
GENE E DYER

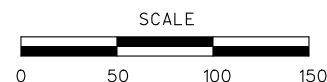
EXTEND EXIST. 10' X 6' X 37' RCB
STA. 56+28.08 LT
SKEW 0° 35' 17" LA
BUILD STRAIGHT WING WALLS LT
SEE CULVERT SECTION FOR DETAILS



STA. 53+84.75 TO STA. 57+61.31 RT
BUILD 100 LF MGS GUARDRAIL, 8 FT. POSTS
BUILD 1-MGS LONG SPAN GUARDRAIL SECTION
BUILD 2-TYPE A CRASHWORTHY E.T. (MASH)
(CONT. PLAN-PROFILE SHEET 21 OF 73)

LEGEND
1" COLDMILL
2" OVERLAY SP125C
SHLDR REBUILD
ALTERNATE PVM'T

NOTE:
* RELOCATE UTILITIES BY OTHERS
PARCEL #54: FIELD DRAIN TILES NOT LOCATED BY SURVEY, DO NOT DISTURB.

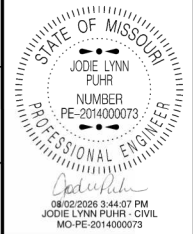
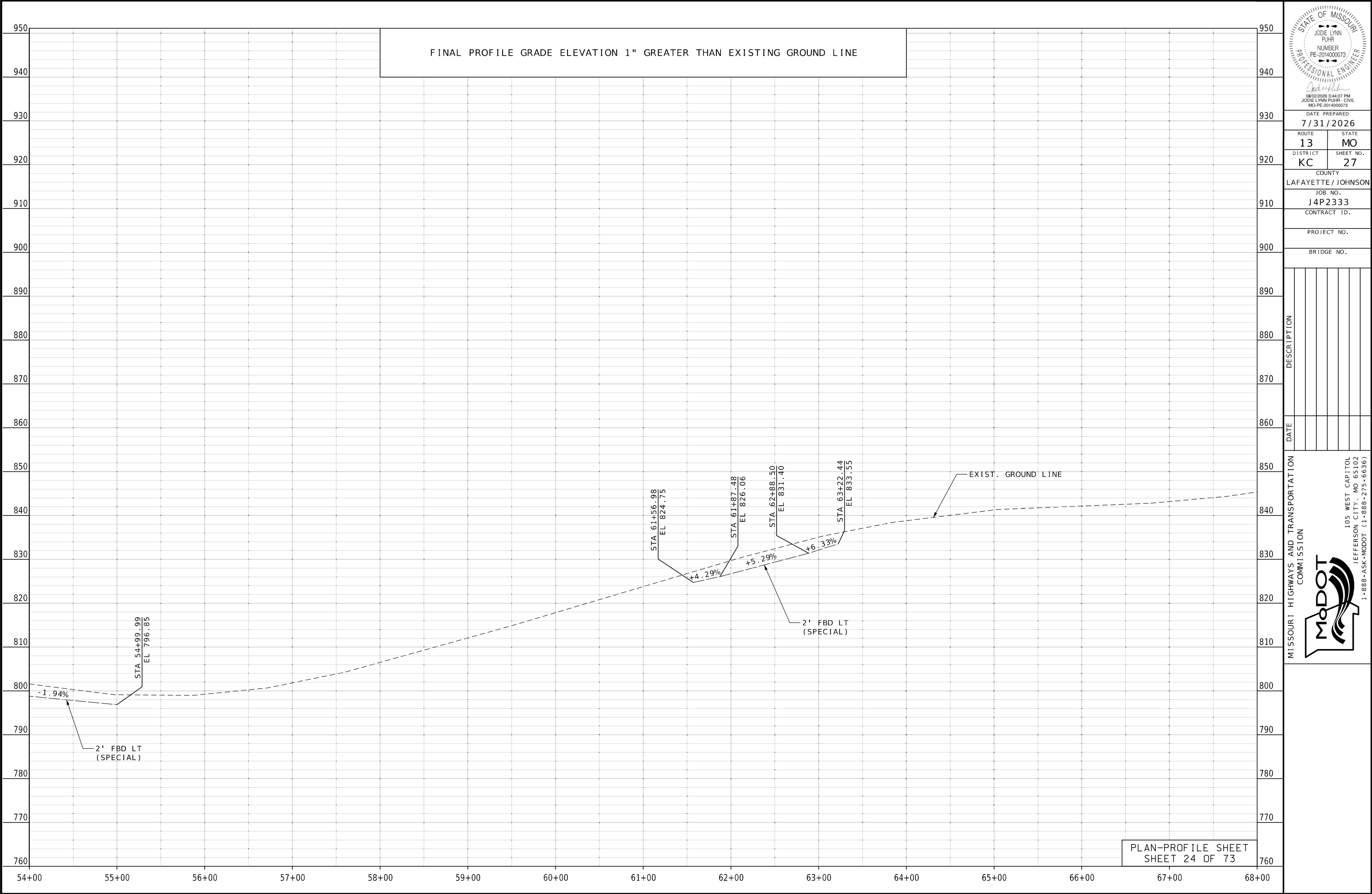


SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

NW 1/4 NW 1/4
SEC 36
T48N R26W

SW 1/4 NW 1/4
SEC 36
T48N R26W

PLAN-PROFILE SHEET
SHEET 23 OF 73



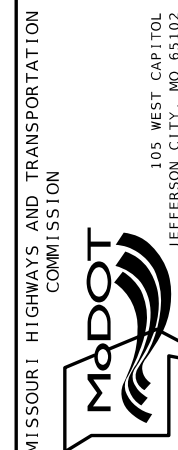
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 27
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

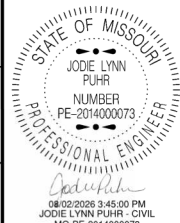
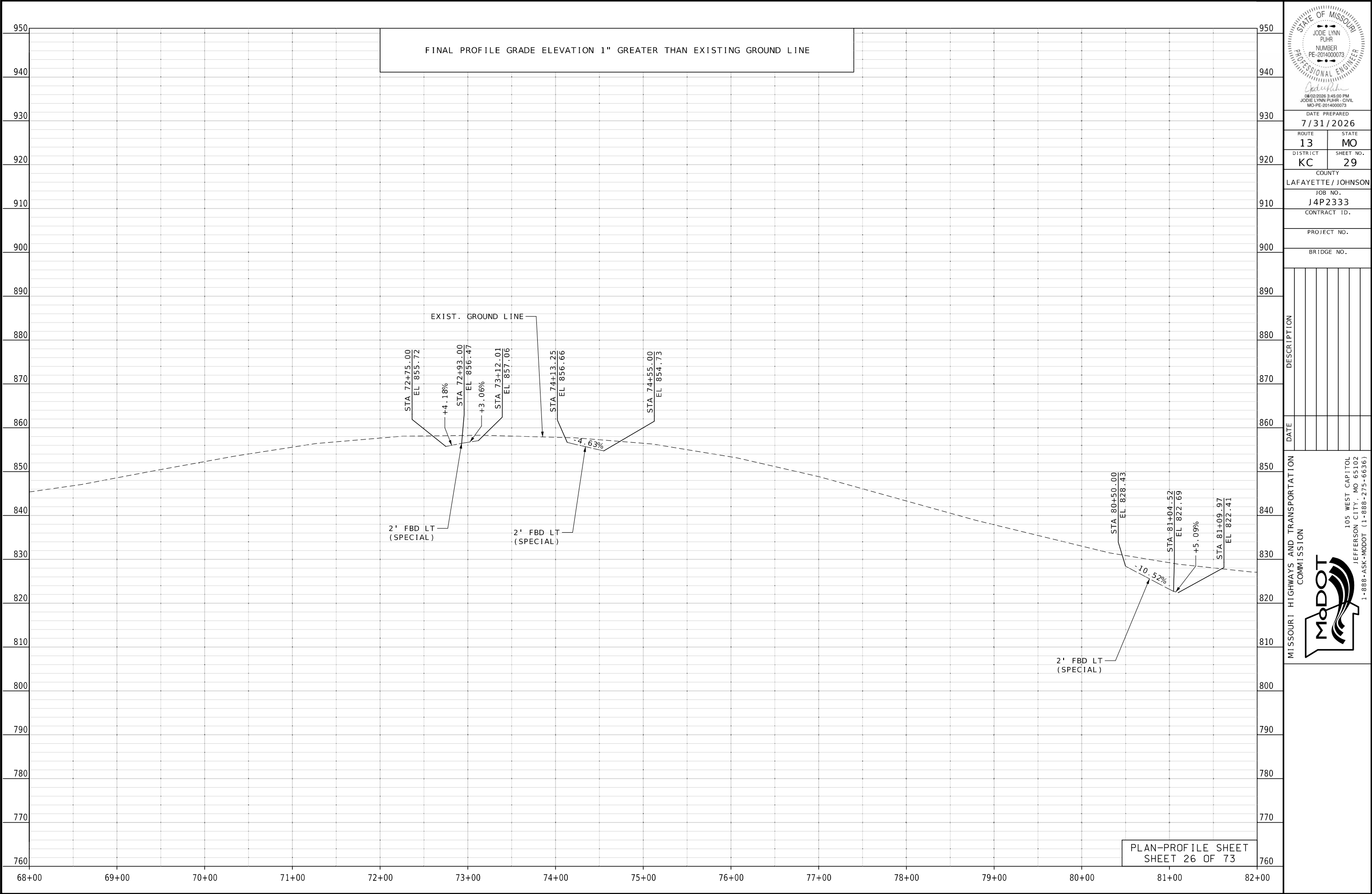
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



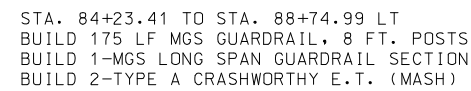


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 29
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

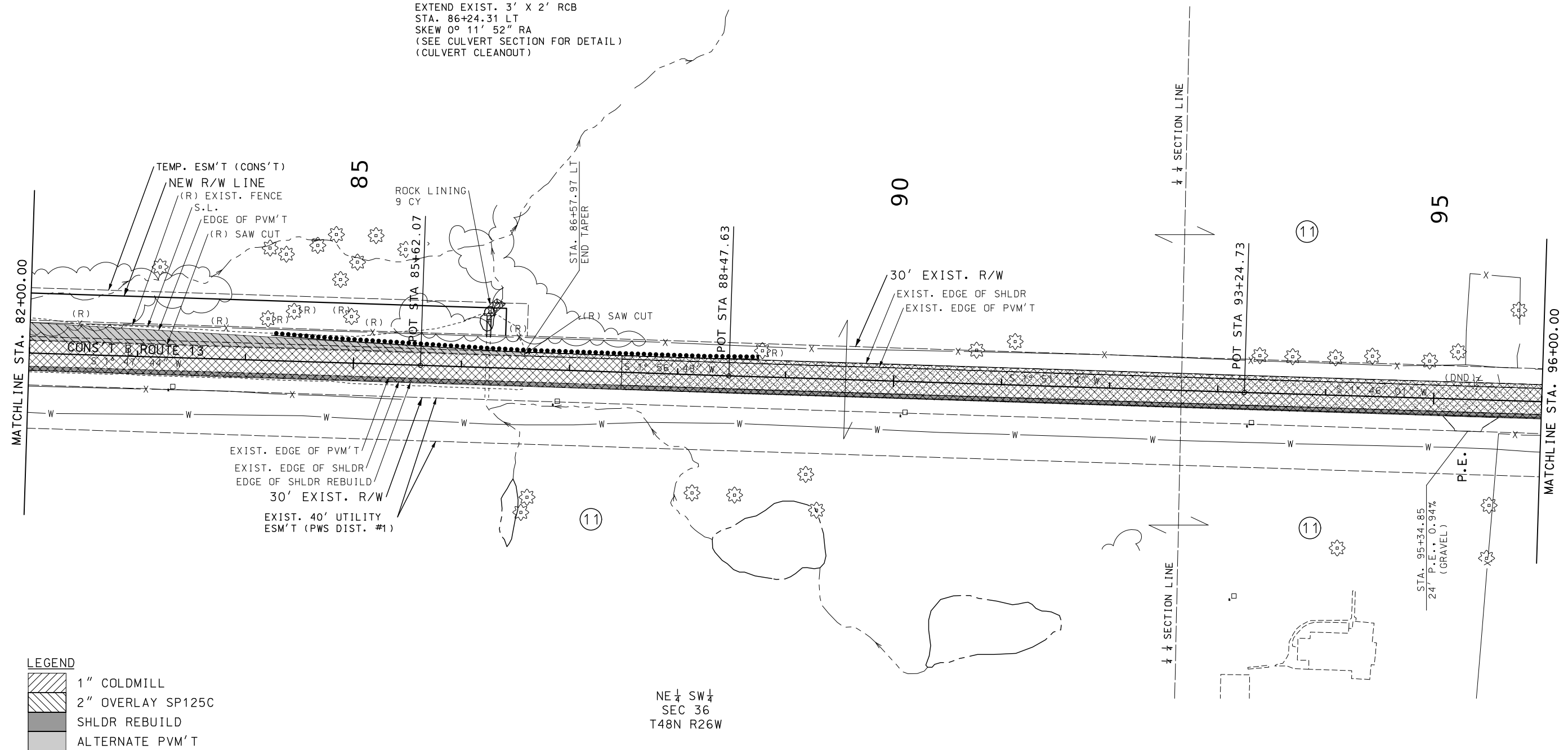
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



NE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 36
T48N R26W

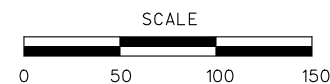
11
DAVIS LEE &
CAROL J DENNIS

EXTEND EXIST. 3' X 2' RCB
STA. 86+24.31 LT
SKEW 0° 11' 52" RA
(SEE CULVERT SECTION FOR DETAIL)
(CULVERT CLEANOUT)



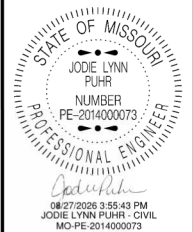
LEGEND

	1" COLDMILL
	2" OVERLAY SP125C
	SHLDR REBUILD
	ALTERNATE PVM'T



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

PLAN-PROFILE SHEET
SHEET 27 OF 73



DATE PREPARED
8/27/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	30

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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





STA. 104+34.59 TO STA. 112+49.61 LT (CONT.)
BUILD 2-(MASH) CRASHWORTHY END TERMINAL
BUILD 537.5' MGS GUARDRAIL
BUILD 1-MGS LONG SPAN GUARDRAIL SECTION
(CONT. PLAN-PROFILE SHEET 29 OF 73)

NW $\frac{1}{4}$
SEC 1
T47N R26W

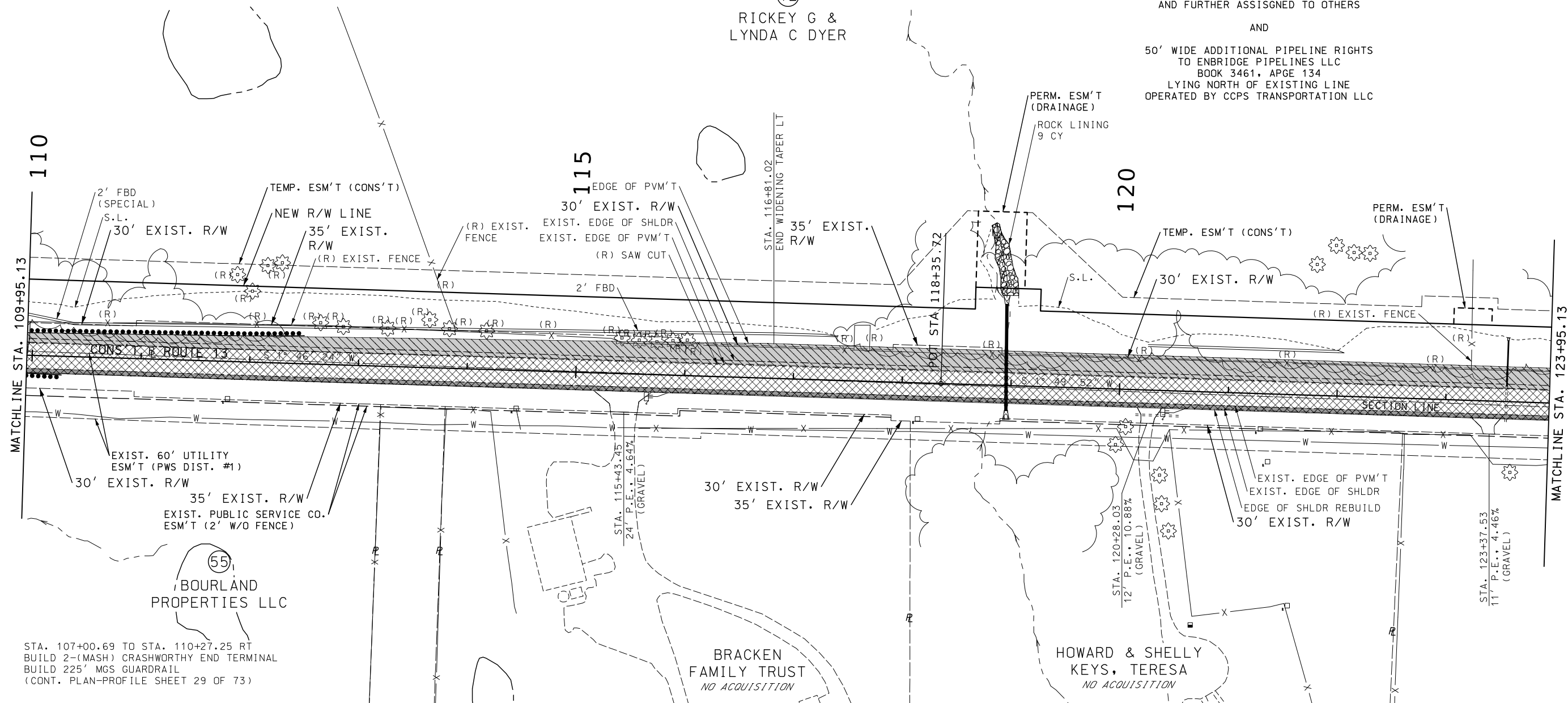
REMOVE EXIST. 3' X 2' RCB
STA. 118+95.63 LT
SKEW 1° 16' 58" RA
BUILD 1-36"X98' R.C.P
BUILD 2-36" R.C.P FES
SEE CULVERT SECTION FOR DETAILS

EXTEND EXIST. 18" X 42.2' CMP
STA. 123+55.68 LT
SKEW 0° 11' 59" LA
BUILD 1-18" GROUP A FES
SEE CULVERT SECTION FOR DETAILS
(CULVERT CLEANOUT)

(12)
RICKEY G &
LYNDA C DYER

SUBJECT TO A
EASEMENT TO SINCLAIR PIPE LINE
BOOK 315, APGE 82
AND FURTHER ASSIGNED TO OTHERS

AND
50' WIDE ADDITIONAL PIPELINE RIGHTS
TO ENBRIDGE PIPELINES LLC
BOOK 3461, APGE 134
LYING NORTH OF EXISTING LINE
OPERATED BY CCPS TRANSPORTATION LLC



STA. 107+00.69 TO STA. 110+27.25 RT
BUILD 2-(MASH) CRASHWORTHY END TERMINAL
BUILD 225' MGS GUARDRAIL
(CONT. PLAN-PROFILE SHEET 29 OF 73)

SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 1923, PAGE 201

AND

MISSOURI PUBLIC SERVICE CO. EASEMENT
APPROX. 2' WEST OF FENCE IN 1929
BOOK 243, PAGE 136
SCALE



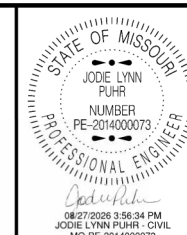
SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

NE $\frac{1}{4}$
SEC 2
T47N R26W

LEGEND

- 1" COLDMILL
- 2" OVERLAY SP125C
- SHLDR REBUILD
- ALTERNATE PVM'T

PLAN-PROFILE SHEET
SHEET 31 OF 73



DATE PREPARED
8/27/2026

ROUTE 13
DISTRICT KC
STATE MO
SHEET NO. 34

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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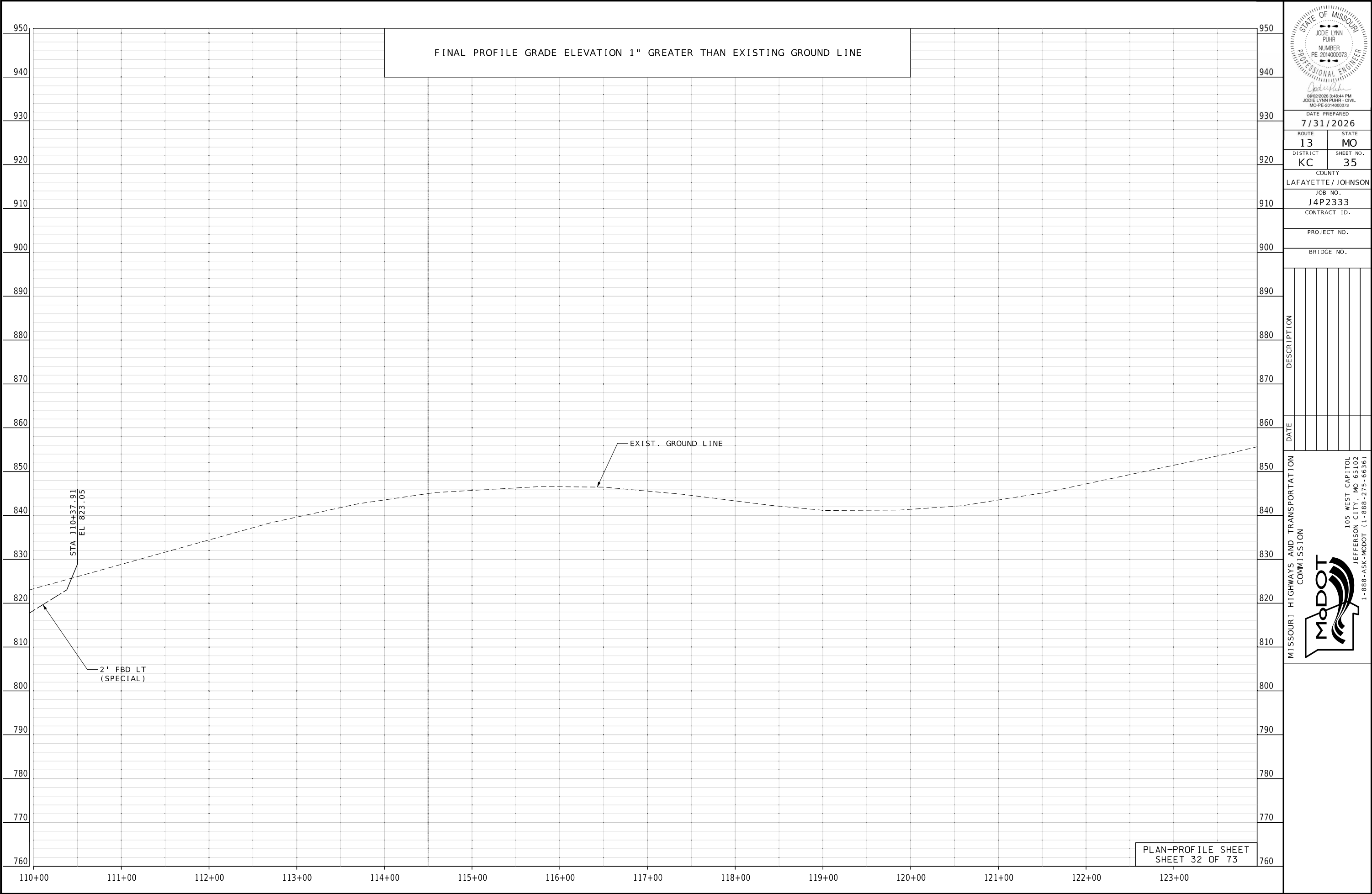
DATE

DATE

DATE

DATE

DATE



STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 3:48:44 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
35

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

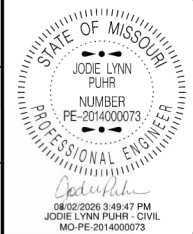
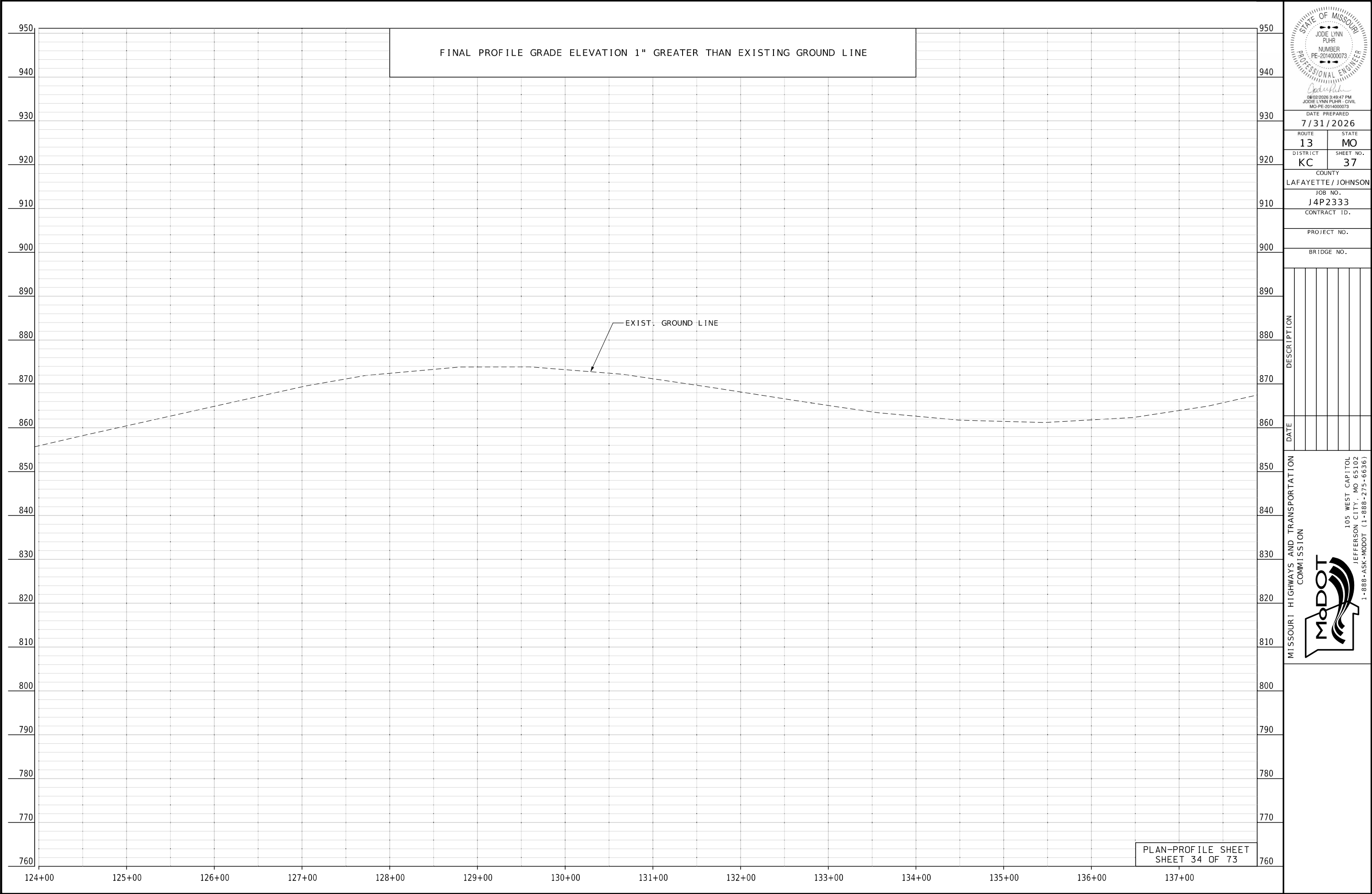
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



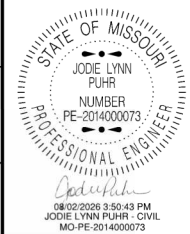
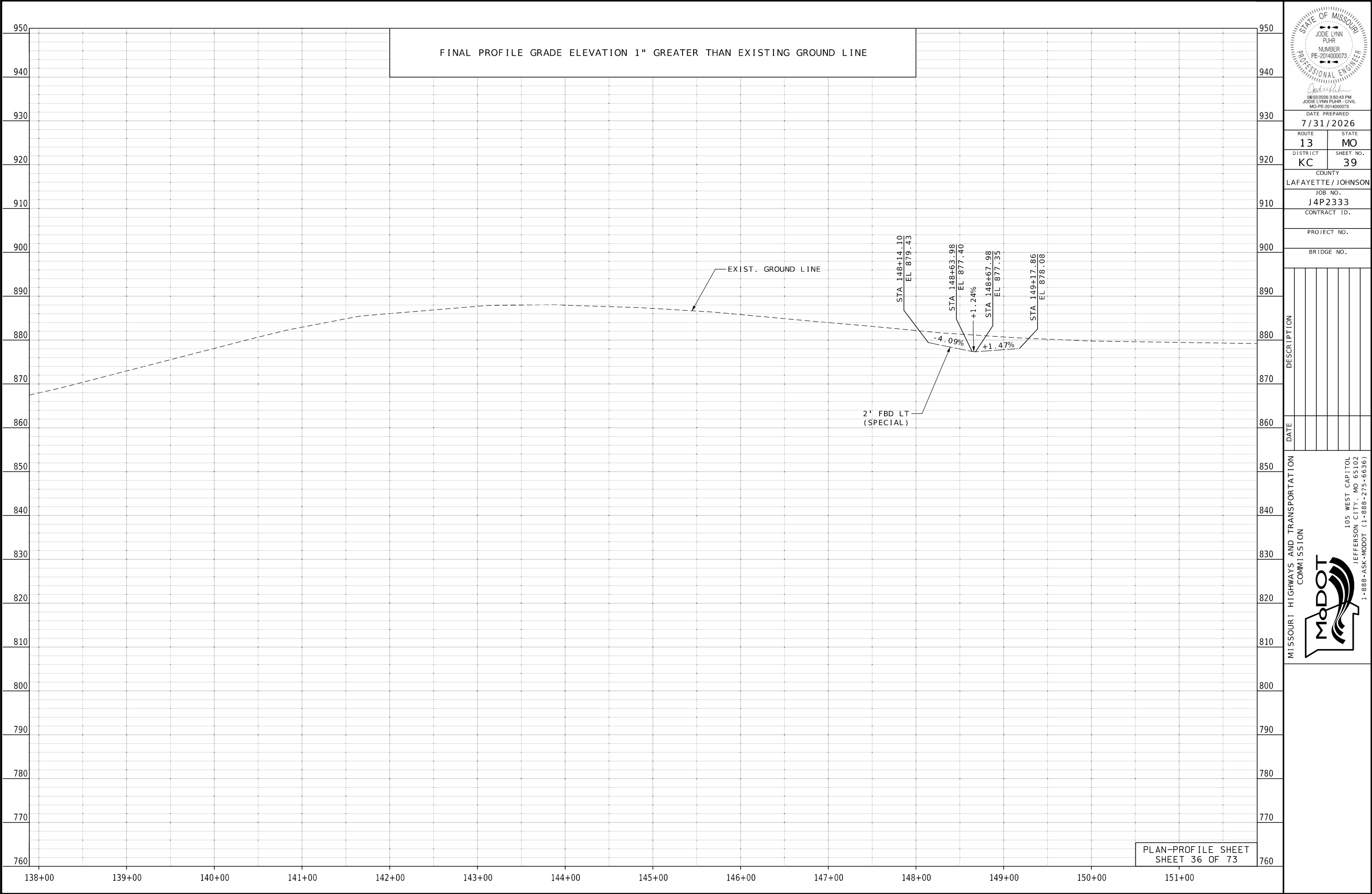
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 37
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 39
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	

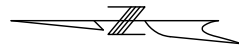
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

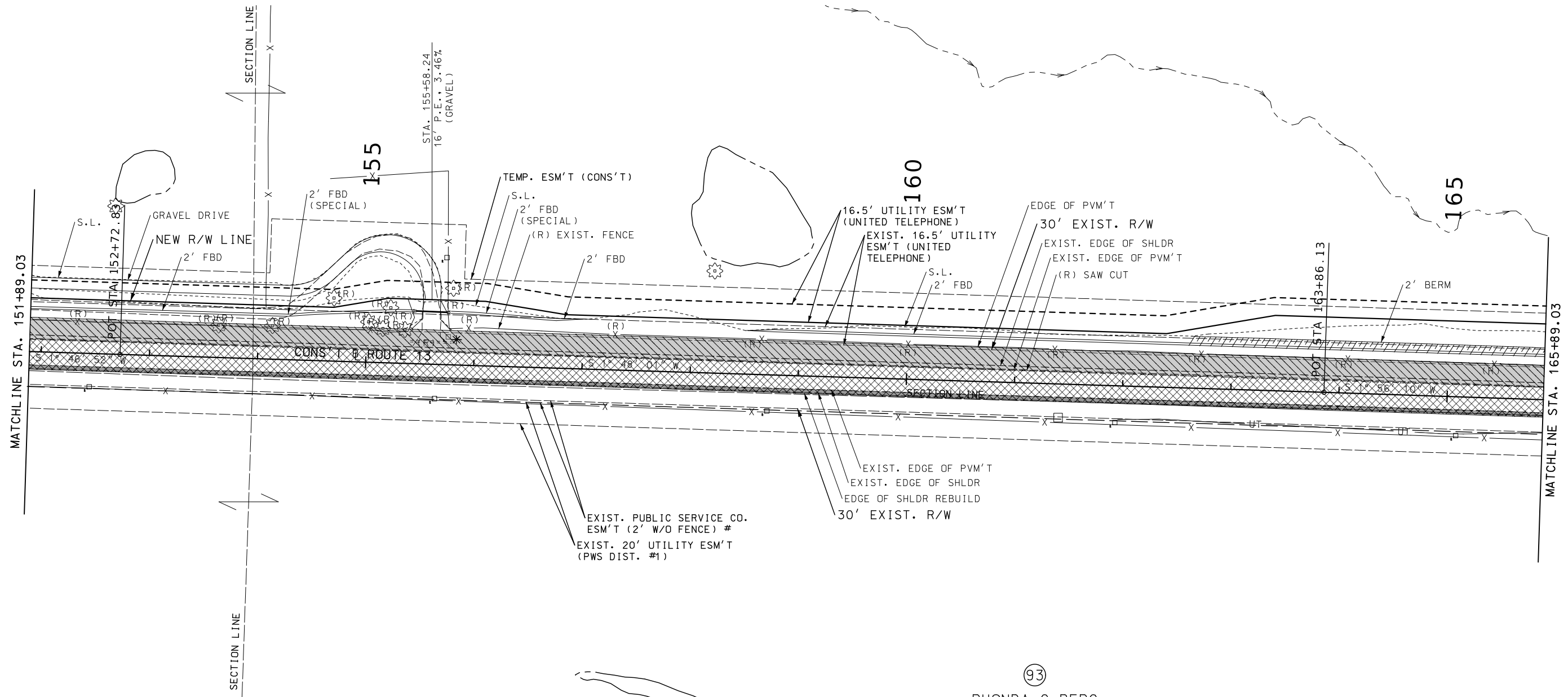


REMOVE EXIST. 18" X 38' CMP
STA. 155+59.66, OFF. 49.1' LT
BUILD 1-18" X 30' GROUP B PIPE
BUILD 2-18" GROUP B FES

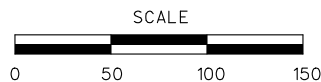
NW 1/4 NW 1/4
SEC 12
T47N R26W

13
GEORGE E &
LETHA SUE BOLAND

SW 1/4 SW 1/4
SEC 1
T47N R26W



NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

NE 1/4 NE 1/4
SEC 11
T47N R26W

LEGEND	
	1" COLDMILL
	2" OVERLAY SP125C
	SHLDR REBUILD
	ALTERNATE PVM'T

PLAN-PROFILE SHEET
SHEET 37 OF 73

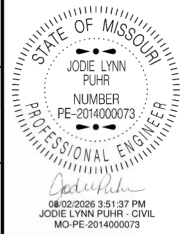
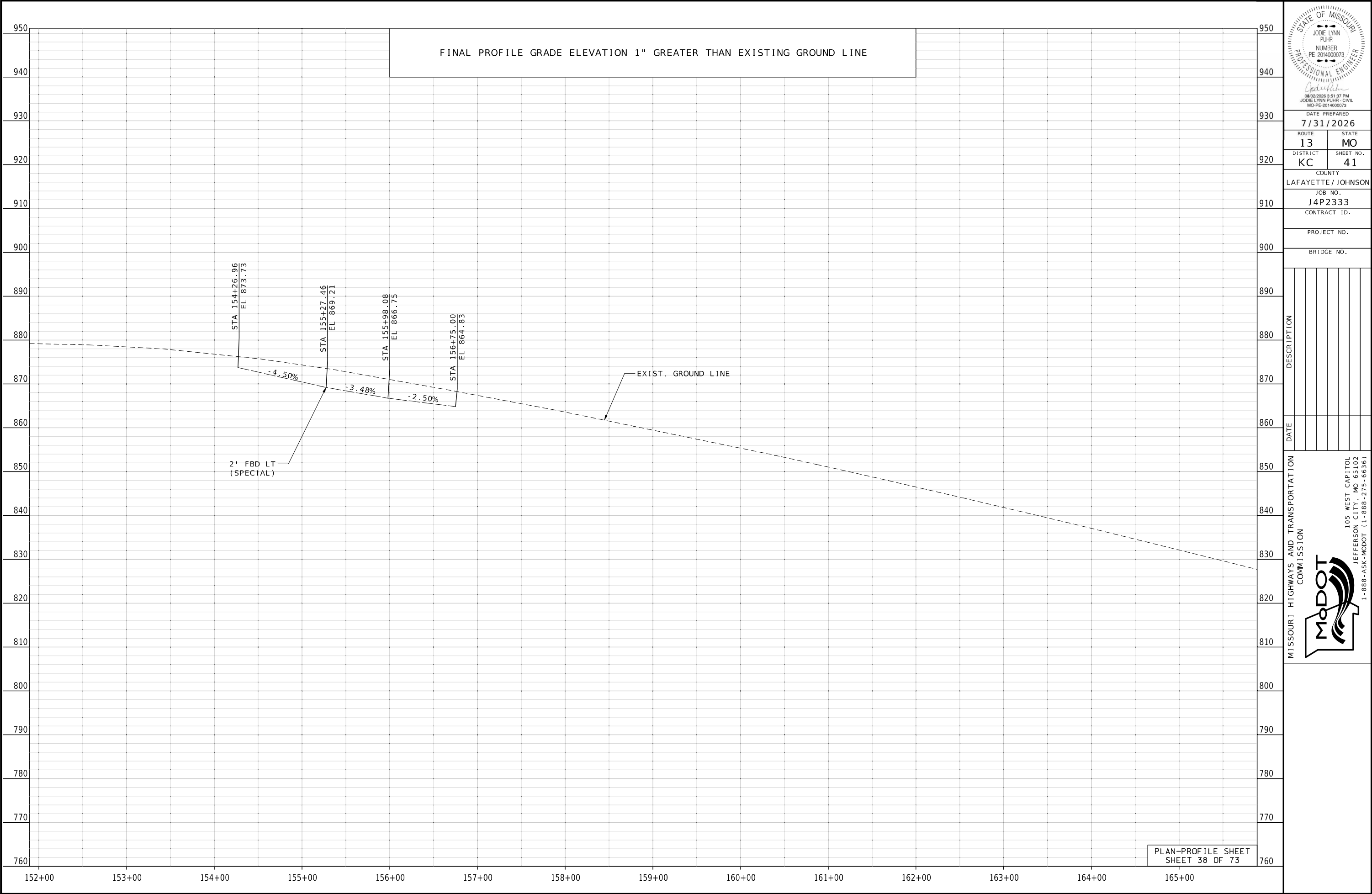


DATE PREPARED 8/27/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 40
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 41
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

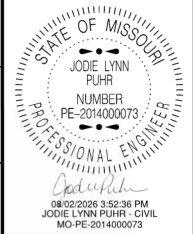
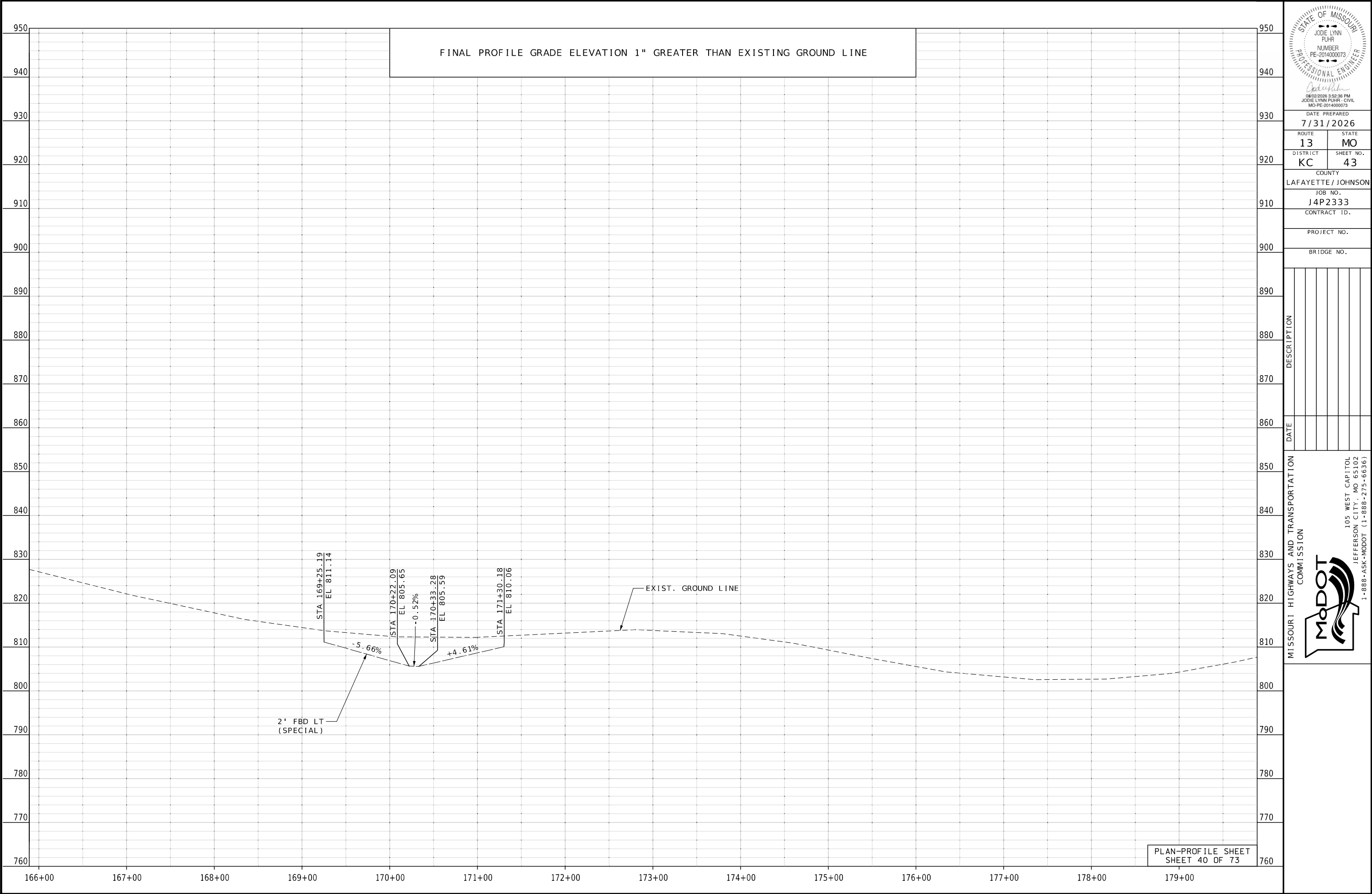
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



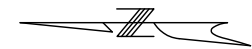
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 43
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

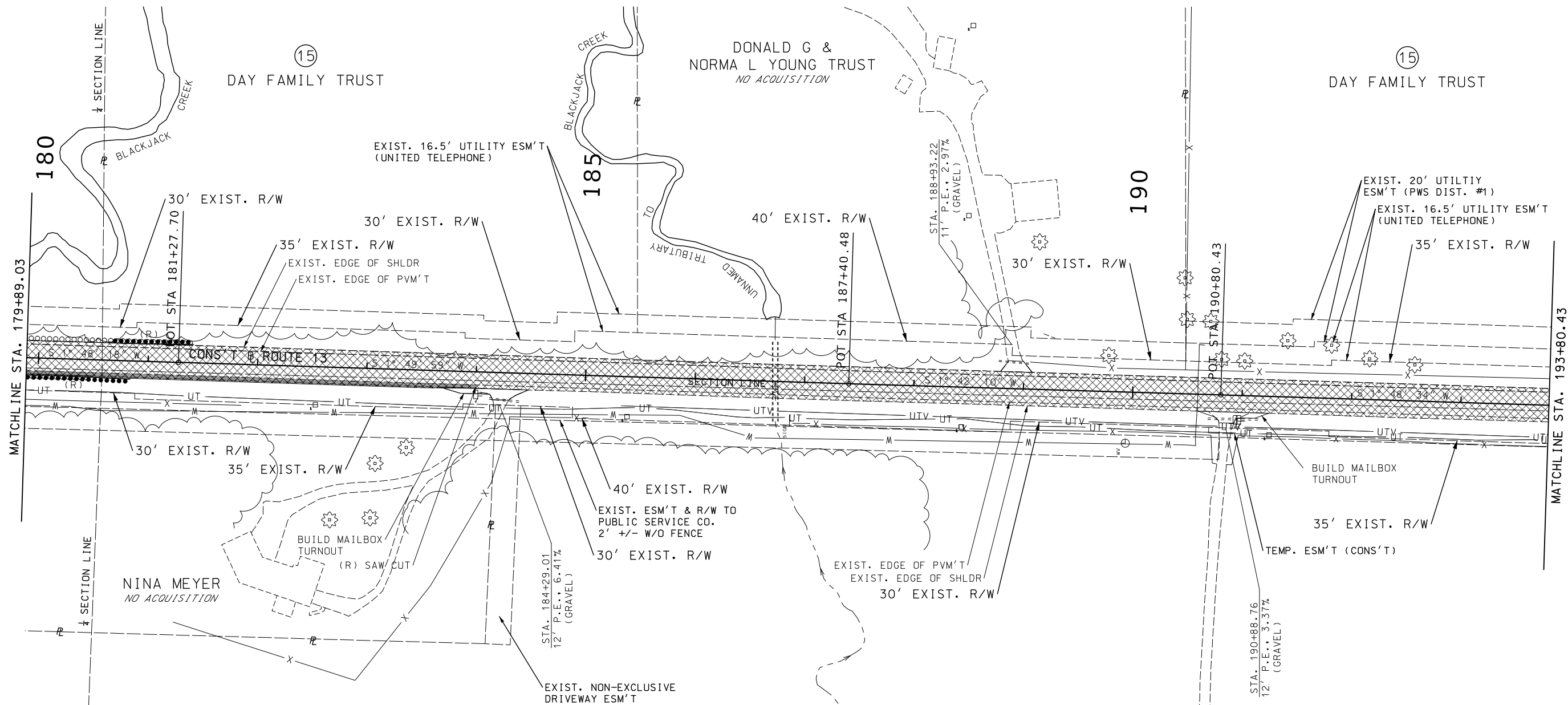


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

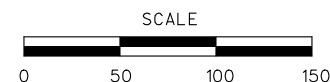


STA. 180+64.93 TO STA. 181+40.69 LT
BUILD 1-MGS HEIGHT AND BLOCK TRANS. SECTION
BUILD 1-TYPE A CRASHWORTHY E.T. (MASH)

SW 1/4
SEC 12
T47N R26W



STA. 176+32.47 TO STA. 180+84.03 RT (CONT.)
BUILD 175 LF MGS GUARDRAIL, 8 FT. POSTS
BUILD 1-MGS LONG SPAN GUARDRAIL SECTION
BUILD 2-TYPE A CRASHWORTHY E.T. (MASH)
(CONT. PLAN-PROFILE SHEET 39 OF 73)



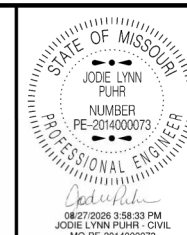
56
CANDACE K &
STEPHEN L ROBERTSON

SE 1/4
SEC 11
T47N R26W

LEGEND

- 1" COLDMILL
- 2" OVERLAY SP125C
- SHLDR REBUILD

PLAN-PROFILE SHEET
SHEET 41 OF 73



DATE PREPARED
8/27/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 44

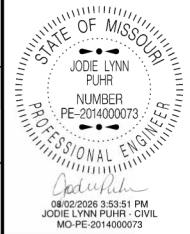
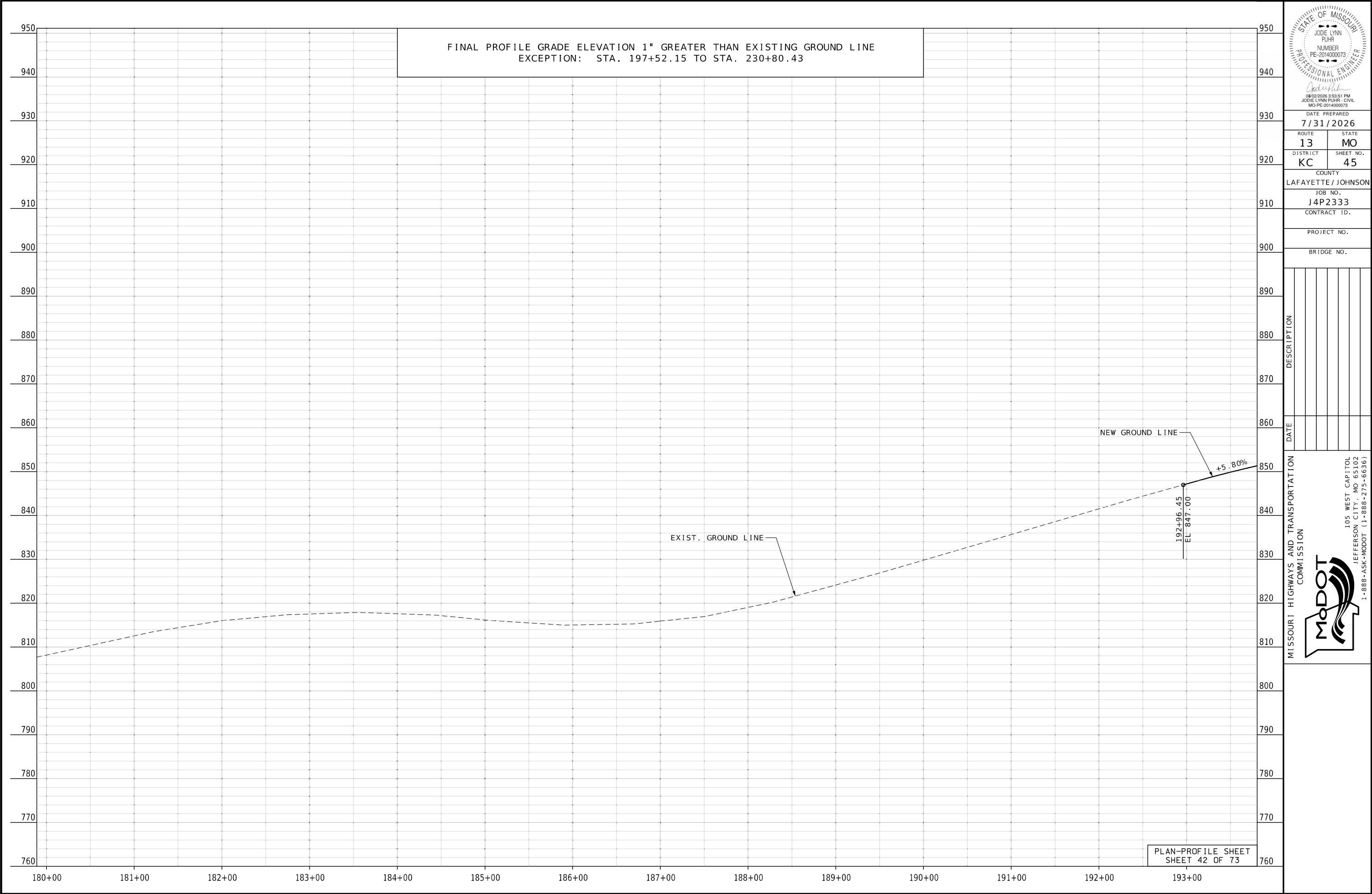
COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 45
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 638, PAGE 100

AND

AGREEMENT IN BOOK 3096, PAGE 254
ALLOWS FOR EASEMENTS SHOWN ON
RECORDED PLAT
(NO PLAT FOUND)

15
DAY FAMILY TRUST

STA. 202+74.16 TO STA. 202+95.38 LT
BUILD 25 LF CONC. GUTTER TYPE A
STA. 202+95.38 TO STA. 203+17.03 LT
BUILD 22 LF CURB & GUTTER TYPE A
STA. 203+17.03 TO STA. 206+90.80 LT
BUILD 373.7 LF CONC. CURB LOW PROFILE TYPE E

SW 1/4
SEC 12
T47N R26W

STA. 201+90.44, SKEW 0°
BUILD 30" X 117'-10" GROUP A PIPE (RCP)
BUILD 2-30" GROUP A FES
D.A. = 8.3 AC
Q50 = 23.69 CFS
SEE CULVERT SECTION FOR DETAILS

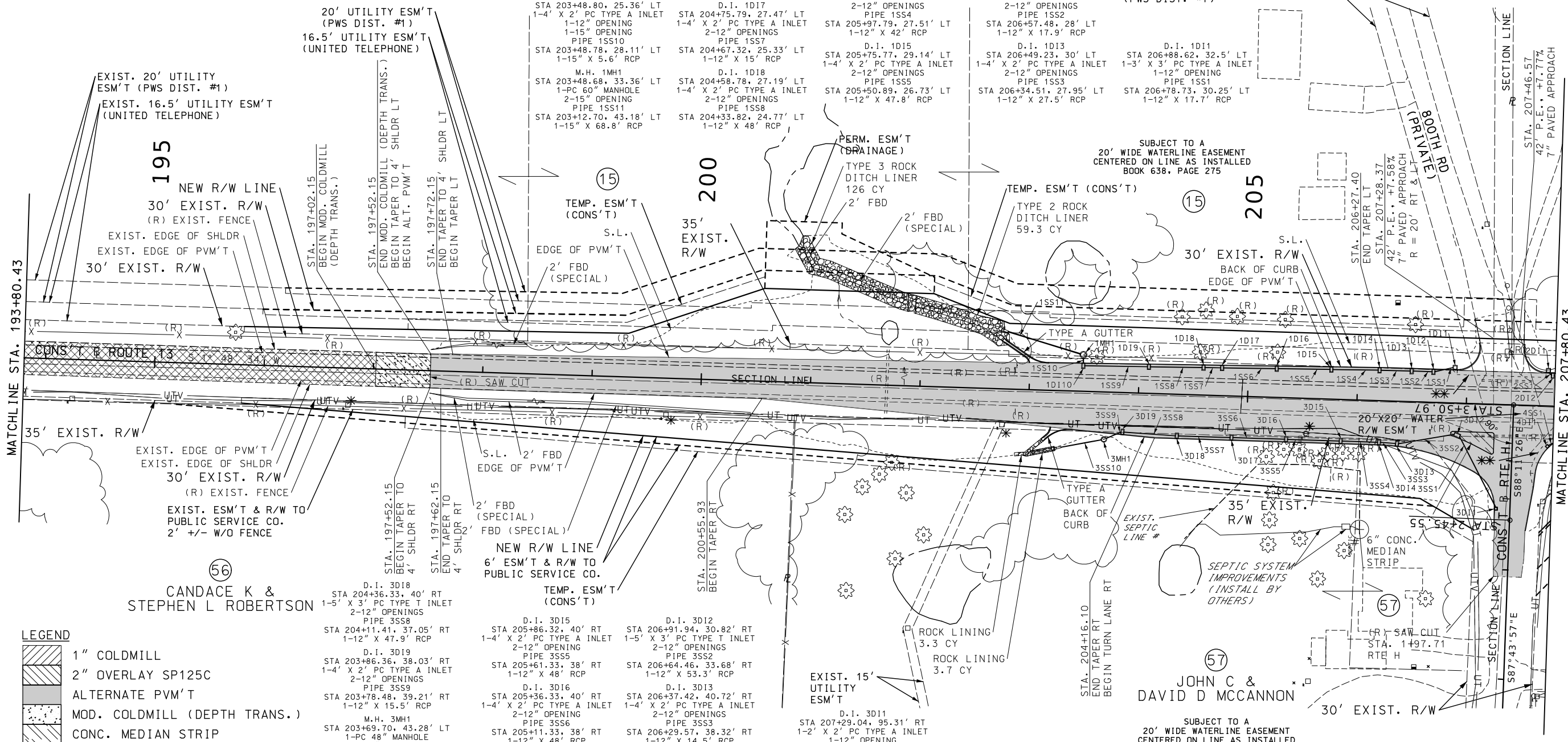
REMOVE EXIST. 3' X 2' RCB
STA. 201+69.73
SKEW 4° 52' 53" LA

STA. 207+72.08 TO STA. 209+70.96 LT
BUILD 198.9 LF CONC. CURB LOW PROFILE TYPE E
(CONT. PLAN-PROFILE SHEET 45 OF 73)

STA. 206+86.80 TO STA. 206+90.80 LT
SHOULDER CROSS SLOPE = 2% TO 4%
STA. 206+90.80 TO STA. 207+72.08 LT
SHOULDER CROSS SLOPE = 4%
STA. 207+72.08 TO STA. 207+76.08 LT
SHOULDER CROSS SLOPE = 4% TO 2%

D.I. 1D11
STA 207+74.20, 32.5' LT
1-3' X 3' PC TYPE A INLET
1-12" OPENING
PIPE 1SS1
STA 207+75.78, 29.5' LT
1-12" X 4.4' RCP
D.I. 1D12
STA 207+78.36, 30' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS

EXIST. 50' NON-EXCLUSIVE ESM'T
SUBJECT TO 20' UTILITY ESM'T
(PWS DIST. #1)



LEGEND

- 1" COLDMILL
- 2" OVERLAY SP125C
- ALTERNATE PVM'T
- MOD. COLDMILL (DEPTH TRANS.)
- CONC. MEDIAN STRIP

NOTES:

- * RELOCATE UTILITIES BY OTHERS
- # RELOCATE BY OTHERS - EXIST. SEPTIC LINE & TANK
- ** SHOULDER CROSS SLOPE 4% (SEE SPECIAL SHEET 28 OF 31)



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

SE 1/4
SEC 11
T47N R26W

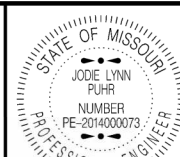
STA. 203+14.13 TO STA. 203+18.64 RT
BUILD 6 LF CONC. GUTTER TYPE A
STA. 203+18.64 TO STA. 203+40.40 RT
BUILD 24 LF CURB & GUTTER TYPE A
STA. 203+40.40 TO STA. 207+28.77 RT
BUILD 431.3 LF CONC. CURB LOW PROFILE TYPE E
STA. 206+86.43 TO STA. 207+26.34 RT
BUILD 50.8 SY 6" CONC. MEDIAN STRIP

STA. 207+63.28 TO STA. 207+65.04 RT
SHOULDER CROSS SLOPE = 2% TO 4%
STA. 207+65.04 TO STA. 207+97.40 RT
SHOULDER CROSS SLOPE = 4%
(CONT. PLAN-PROFILE SHEET 45 OF 73)

STA. 207+57.76 TO STA. 209+74.88 RT
BUILD 282.7 LF CONC. CURB LOW PROFILE TYPE E
(CONT. PLAN-PROFILE SHEET 45 OF 73)

D.I. 4D11
STA 207+76.03, 37.67' RT
1-2' X 2' PC TYPE A INLET
1-12" OPENING
PIPE 4SS1
STA 207+85.96, 30.34' RT
1-12" X 23.1' RCP

PLAN-PROFILE SHEET
SHEET 43 OF 73



DATE PREPARED
8/27/2026

ROUTE
13

DISTRICT
KC

COUNTY
LAFAJETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

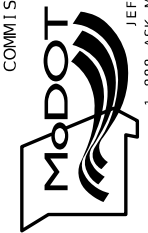
PROJECT NO.

BRIDGE NO.

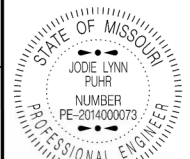
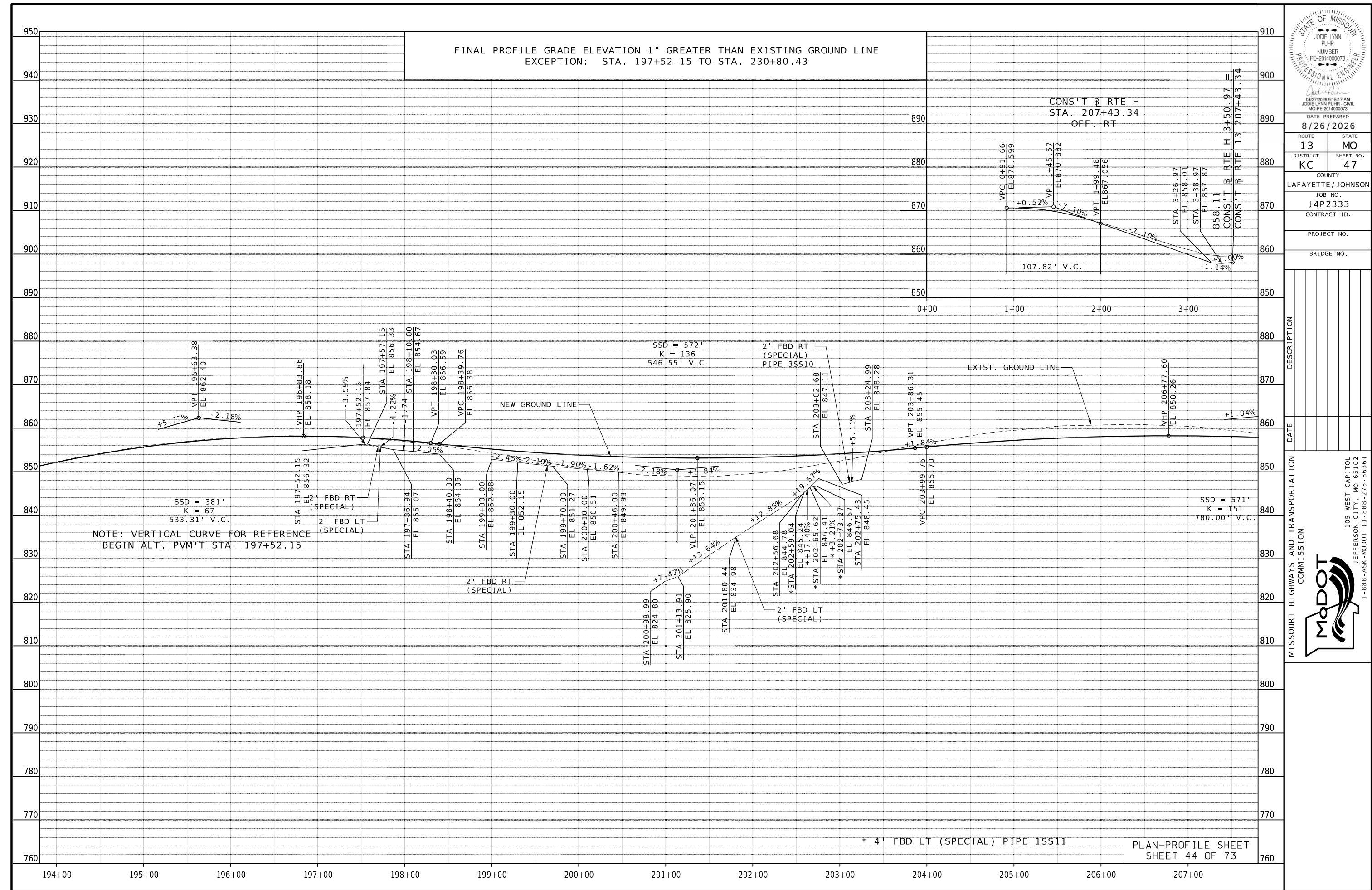
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



DATE PREPARED
8/26/2026

ROUTE
13

DISTRICT
KC

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE

DESCRIPTION

DATE

DESCRIPTION

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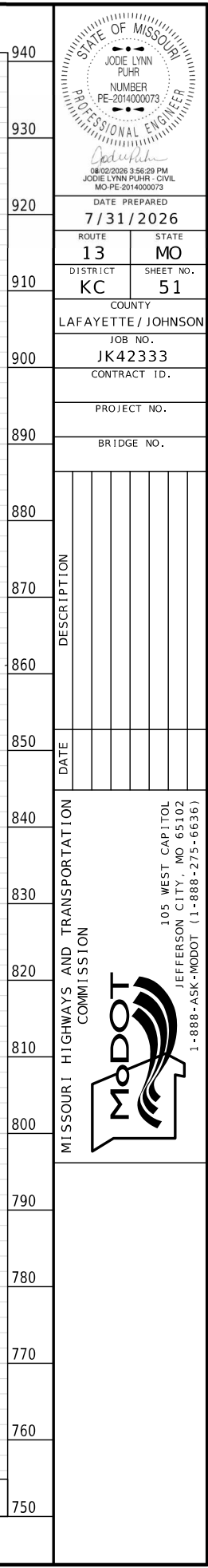
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DATE

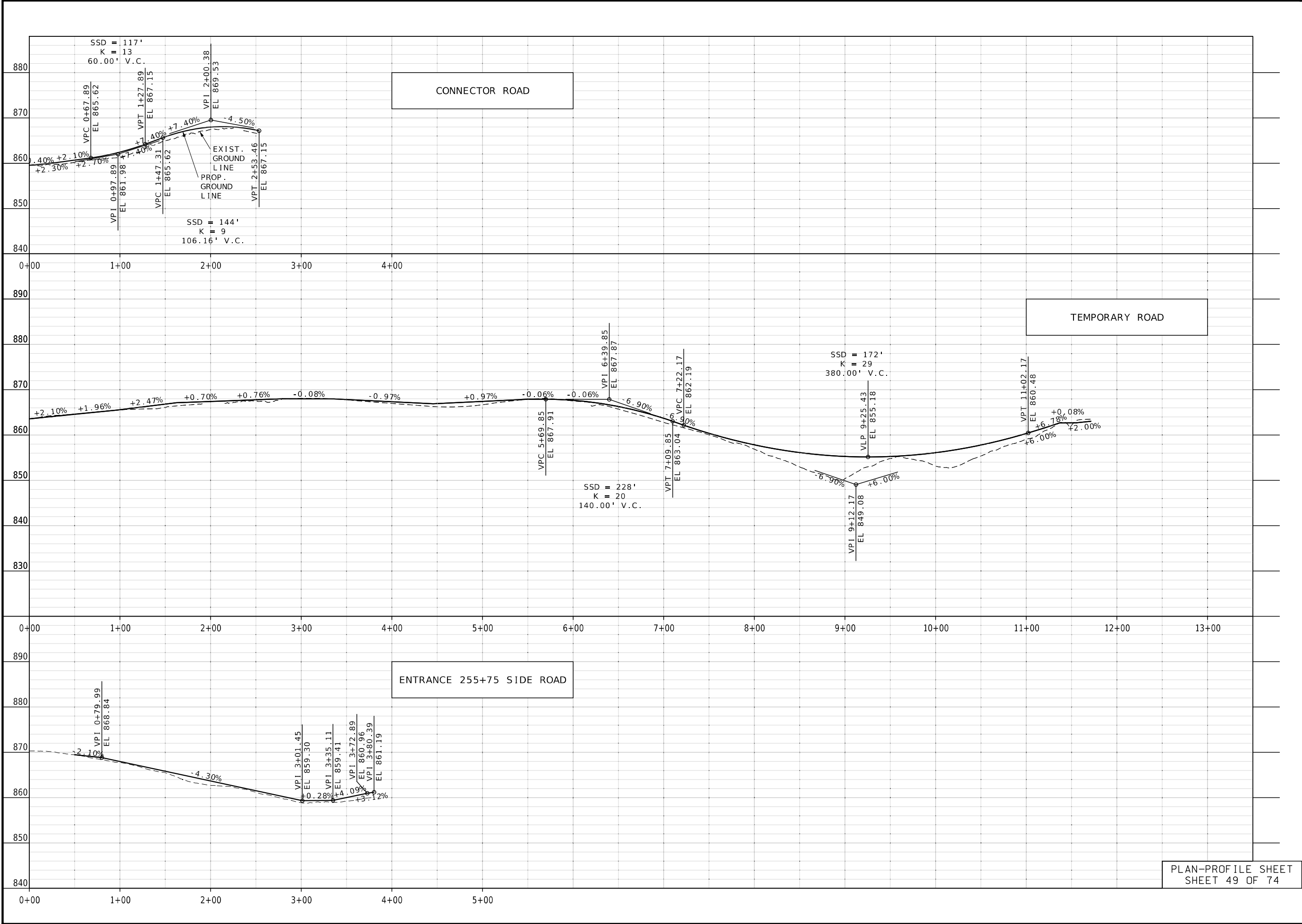
DESCRIPTION

DATE

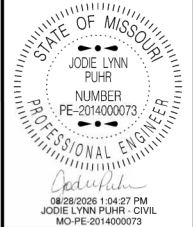
DESCRIPTION



FINAL PROFILE GRADE ELEVATION 1" GREATER THAN EXISTING GROUND LINE
EXCEPTION: STA. 197+52.15 TO STA. 230+80.43



PLAN-PROFILE SHEET
SHEET 49 OF 74

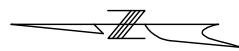


DATE PREPARED 8/28/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 52
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

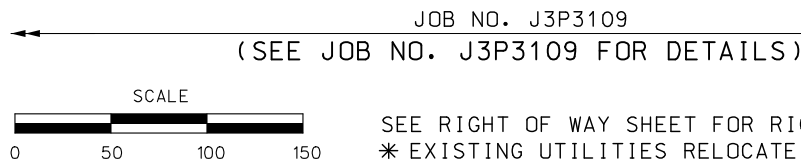
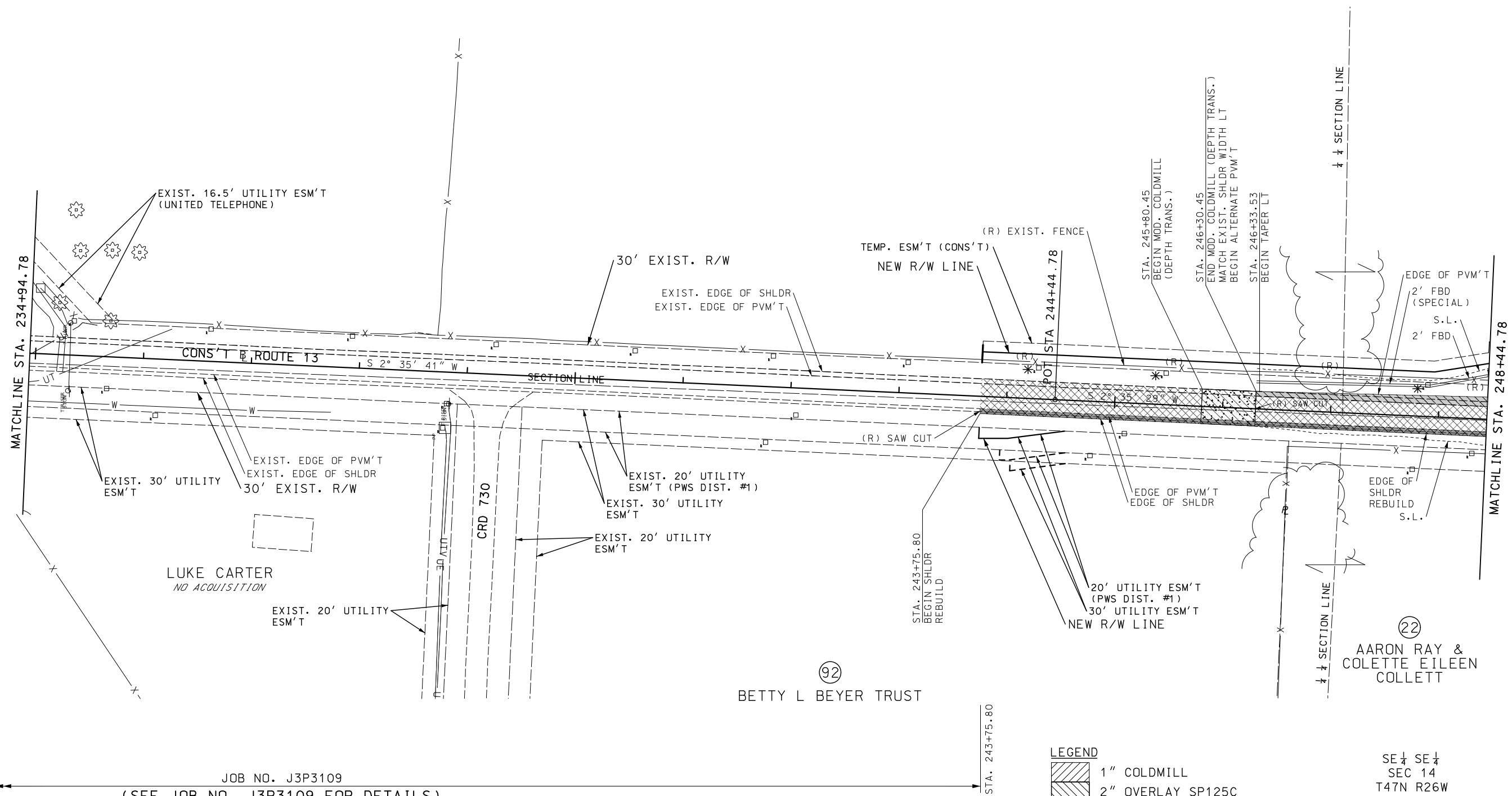
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



NW 1/4 SW 1/4
SEC 13
T47N R26W

SW 1/4 SW 1/4
SEC 13
T47N R26W

(22)
AARON RAY &
COLETTE EILEEN COLLETT

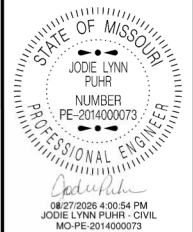


NE 1/4 SE 1/4
SEC 14
T47N R26W

LEGEND	
	1" COLDMILL
	2" OVERLAY SP125C
	MOD. COLDMILL (DEPTH TRANS.)
	SHLDR REBUILD
	ALTERNATE PVM'T

SE 1/4 SE 1/4
SEC 14
T47N R26W

PLAN-PROFILE SHEET
SHEET 50 OF 73

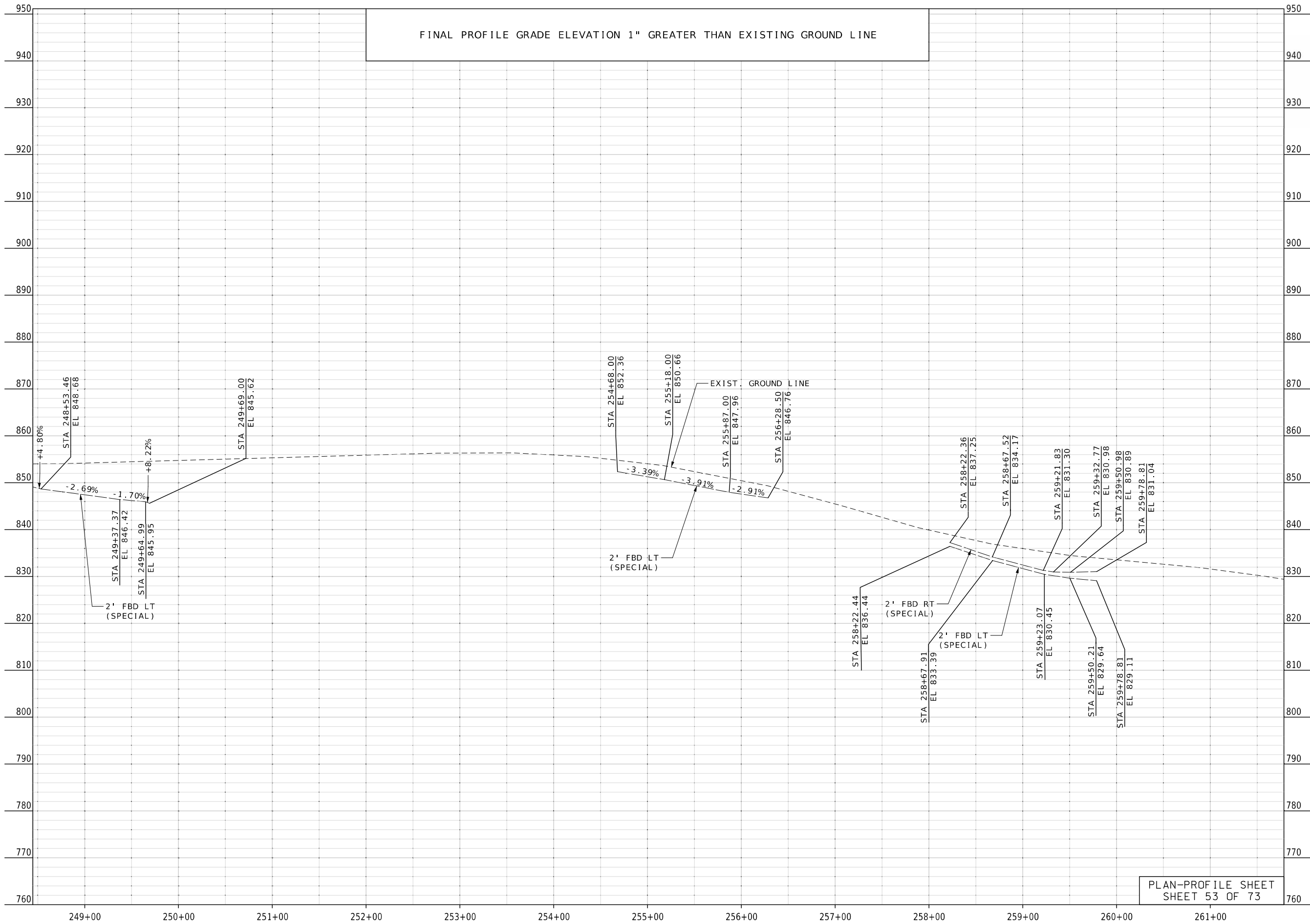


DATE PREPARED 8/27/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 53
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



STATE OF MISSOURI

JOE LYNN FUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 3:58:56 PM

JOE LYNN FUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

56

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

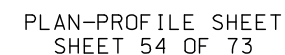
PROJECT NO.

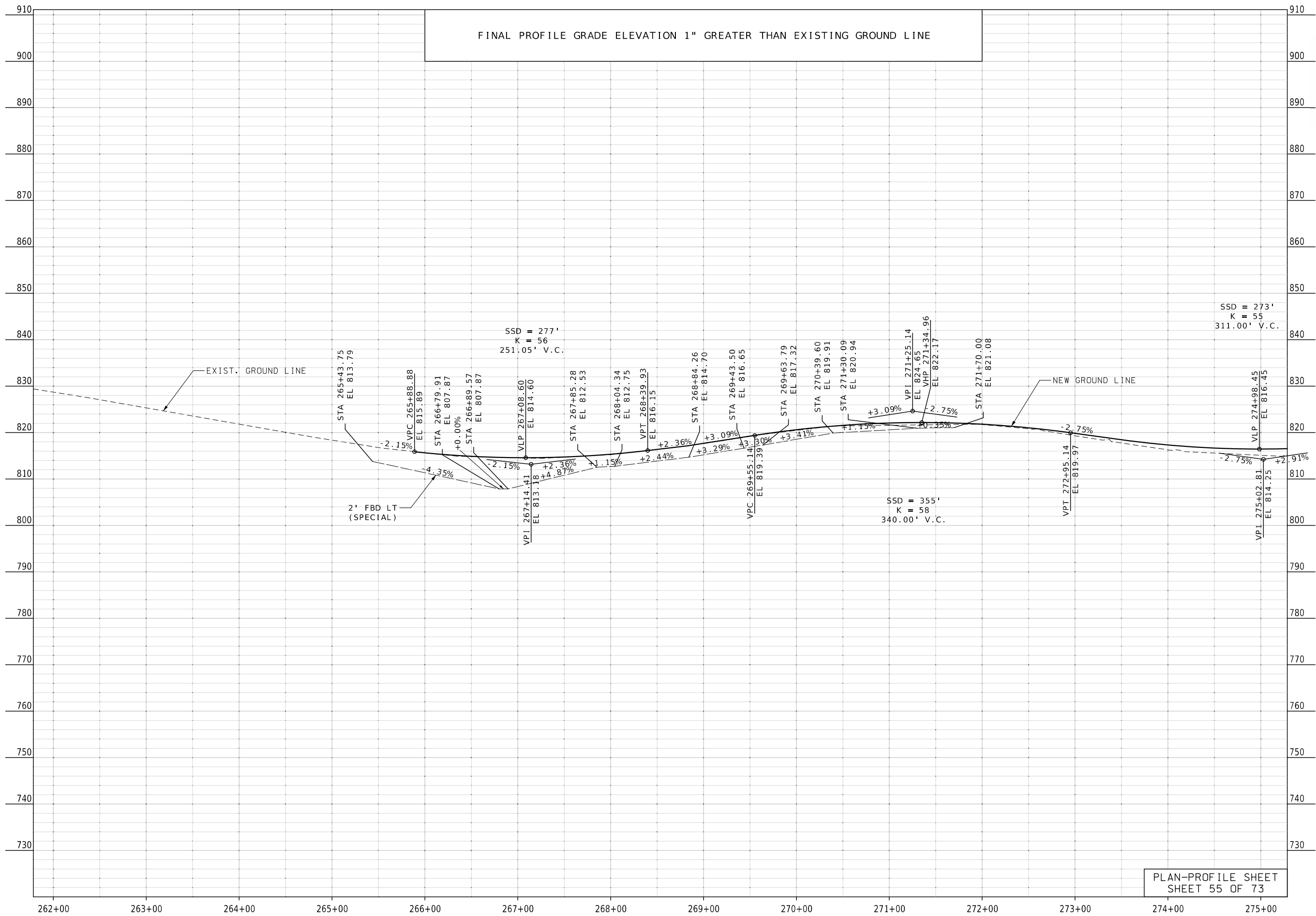
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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





STATE OF MISSOURI

JODIE LYNN FUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:01:18 PM

JODIE LYNN FUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

58

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE

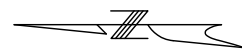
DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



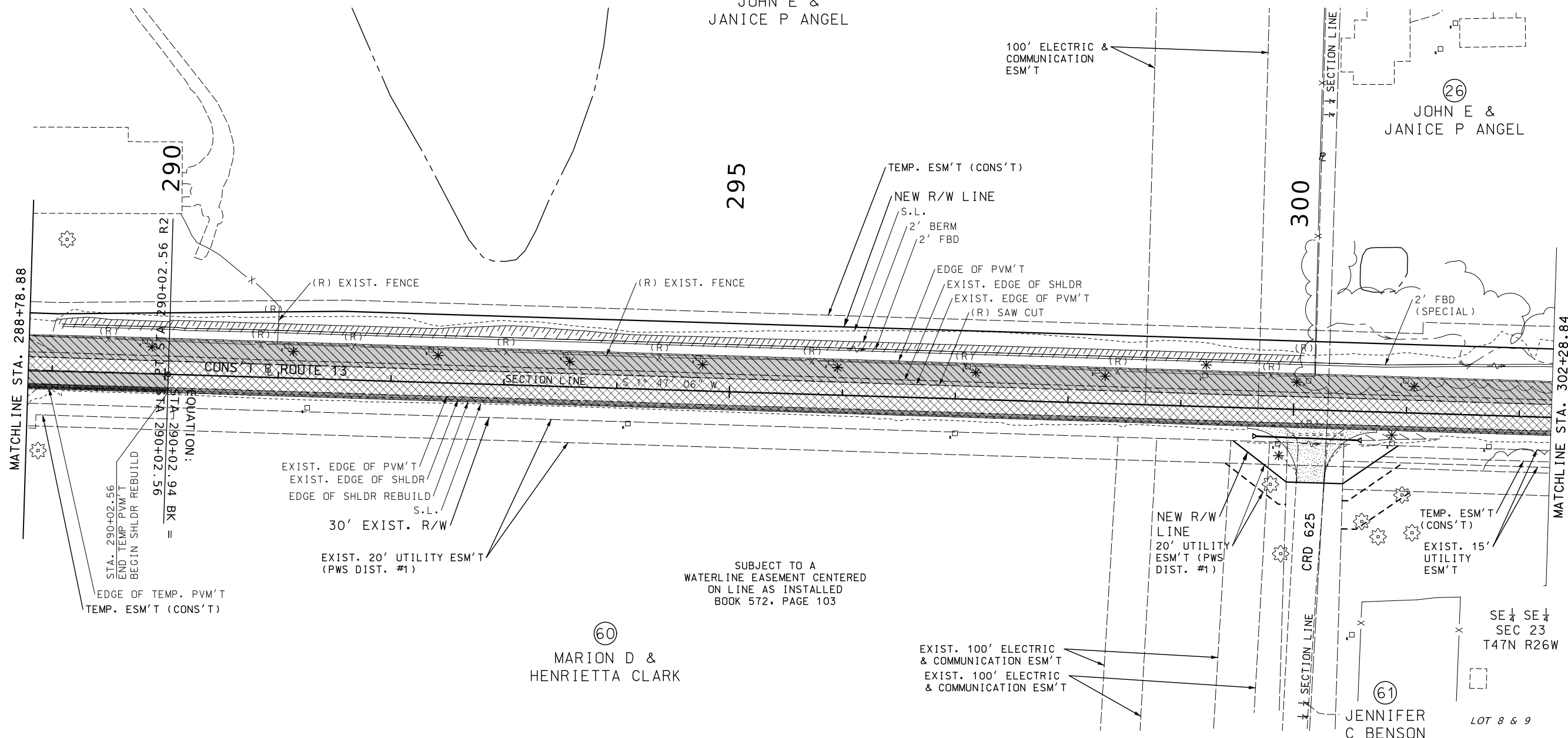
NW 1/4 SW 1/4
SEC 24
T47N R26W

SW 1/4 SW 1/4
SEC 24
T47N R26W

STA. 289+00 TO STA. 300+08 LT
BUILD 2' BERM

(25)
JOHN E &
JANICE P ANGEL

(26)
JOHN E &
JANICE P ANGEL



NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

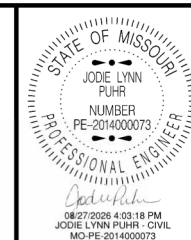
LEGEND	
	1" COLDMILL
	2" OVERLAY SP125C
	SHLDR REBUILD
	TEMP. PVM'T
	ALTERNATE PVM'T
	ASPHALT PVM'T (SIDE ROAD)

NE 1/4 SE 1/4
SEC 23
T47N R26W

CRD 625, STA. 300+17.09
BUILD SPECIAL DRIVEWAY
24' WIDTH, +6.47% GRADE
R = 45' RT & LT

(113)
JOHNSON COUNTY
1,750 SF (0.1 AC) NEW R/W

PLAN-PROFILE SHEET
SHEET 58 OF 73



DATE PREPARED
8/27/2026

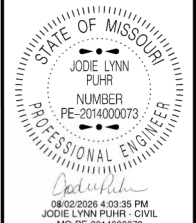
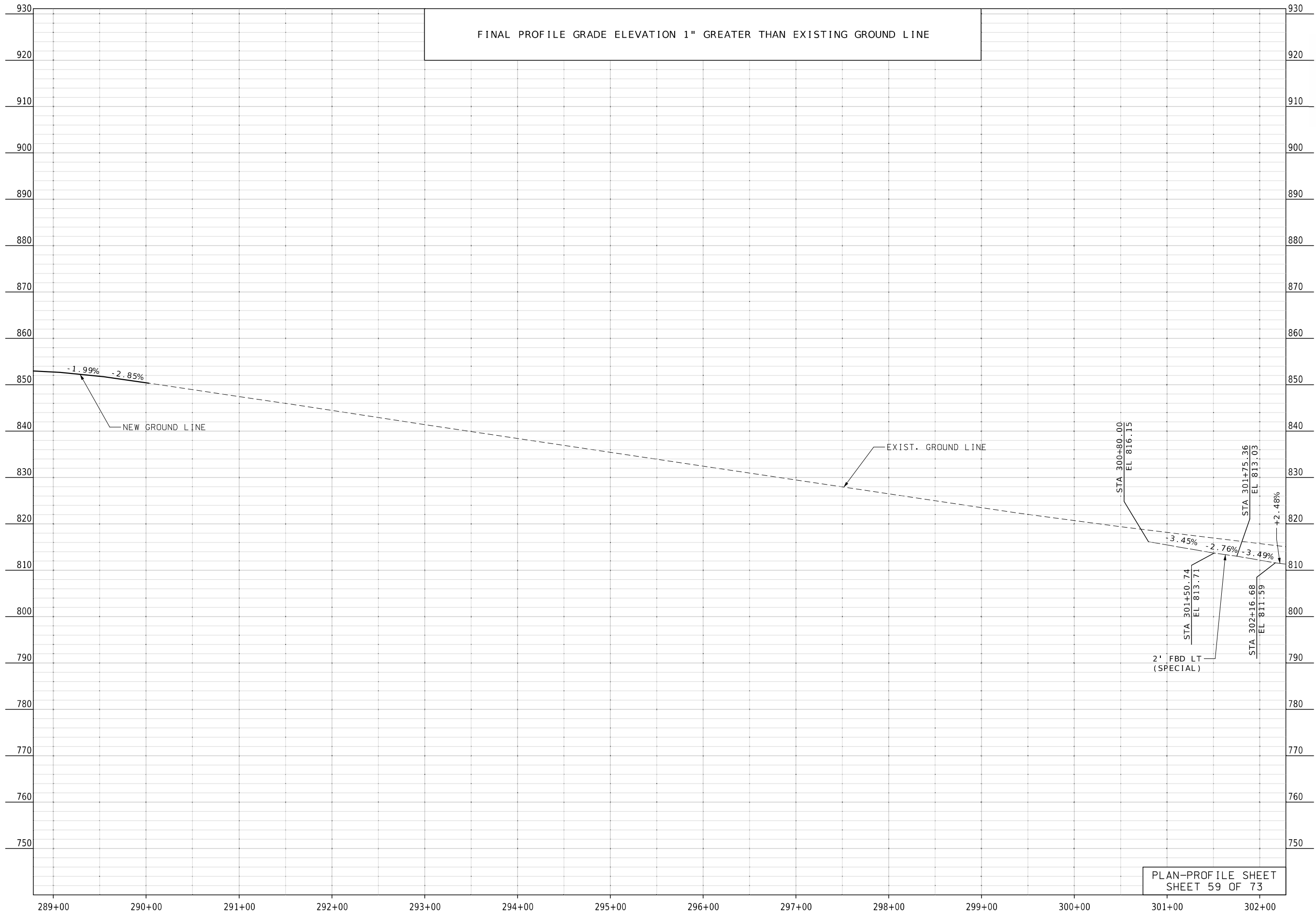
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	61

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

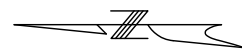


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 62
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



REMOVE EXIST. 36" X 44' CMP
STA. 303+04.69, OFF. 39.4' LT
BUILD 1-36" X 22' GROUP B PIPE
BUILD 2-36" GROUP B FES
SEE CULVERT SECTION FOR DETAILS
BUILD MAILBOX TURNOUT

26
JOHN E &
JANICE P ANGEL

REMOVE EXIST. 24" X 41' CMP
STA. 305+89.18, OFF. 39.4' LT
BUILD 1-24" X 30' GROUP B PIPE
BUILD 2-24" GROUP B FES
BUILD MAILBOX TURNOUT

SW 1/4 SW 1/4
SEC 24
T47N R26W

STA. 310+63 TO STA. 313+50 LT
BUILD 2' BERM

NW 1/4 NW 1/4
SEC 25
T47N R26W

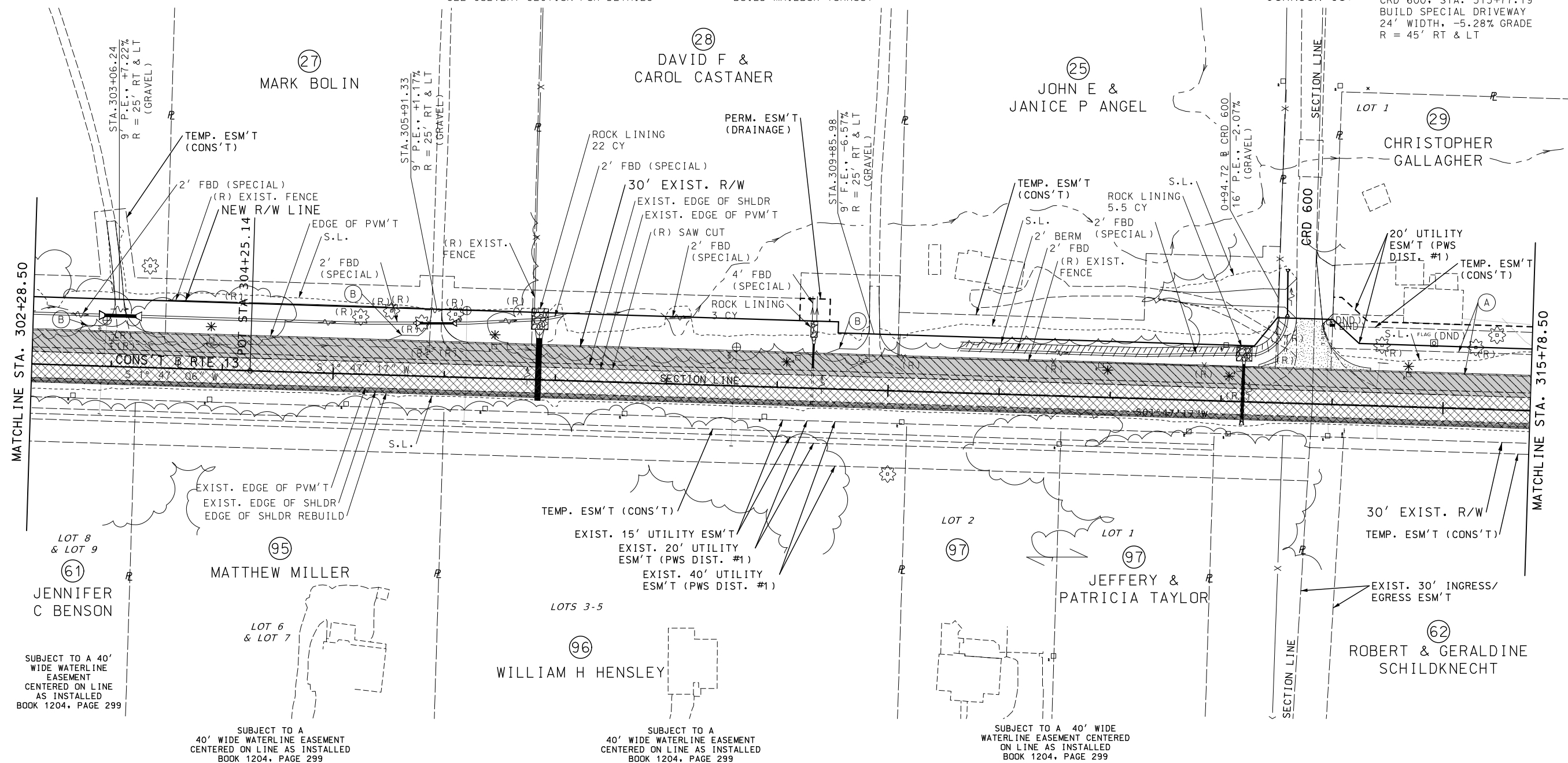
REMOVE EXIST. 4' X 2.5' X 40' RCB
REMOVE EXIST. HEADWALL & WING WALLS
STA. 306+84.54
SKEW 0° 05' 28" LA
BUILD 1-60" X 38" X 56' CLASS IV CONC.
ELLIPTICAL PIPE
BUILD 1-60" X 38" CONC. ELLIPTICAL FES
SEE CULVERT SECTION FOR DETAILS

EXTEND EXIST. 2' X 1.5' RCB
STA. 309+31.69 LT
SKEW 0° 05' 28" LA
BUILD 1-24" X 22' GROUP A PIPE
BUILD 1-24" GROUP A FES
BUILD 1-PIPE COLLAR TYPE C
SEE CULVERT SECTION FOR DETAILS
BUILD MAILBOX TURNOUT

REMOVE EXIST. 2' X 1.5' RCB
STA. 313+19.33
SKEW 0° 25' 53" LA
BUILD 1-23" X 14" X 49' CLASS IV
REINF. CONC. ELLIPTICAL PIPE
BUILD 2-23" X 14" CONC. ELLIPTICAL FES
SEE CULVERT SECTION FOR DETAILS

STA. 313+57.91, OFF. 55' LT
REMOVE EXIST. 15" X 20' CMP
STA. 313+50.02, OFF. 94.4' LT
BUILD 1-15" X 34' GROUP B PIPE
BUILD 2-15" GROUP B FES

CRD 600, STA. 313+77.19
BUILD SPECIAL DRIVEWAY
24' WIDTH, -5.28% GRADE
R = 45' RT & LT



NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

SE 1/4 SE 1/4
SEC 23
T47N R26W

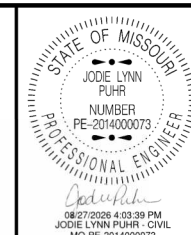
LEGEND

- 1" COLDMILL
- 2" OVERLAY SP125C
- SHLDR REBUILD
- ALTERNATE PVM'T
- ASPHALT PVM'T (SIDE ROAD)

- (A) EXIST. 20' UTILITY ESM'T (PWS DIST. #1)
- (B) MAILBOX TURNOUT

N 1/2 NE 1/4
SEC 26
T47N R26W

PLAN-PROFILE SHEET
SHEET 60 OF 73



DATE PREPARED
8/27/2026

ROUTE 13 STATE MO
DISTRICT KC SHEET NO. 63

COUNTY
LAFAYETTE/JOHNSON

JOB NO.
J4P2333
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

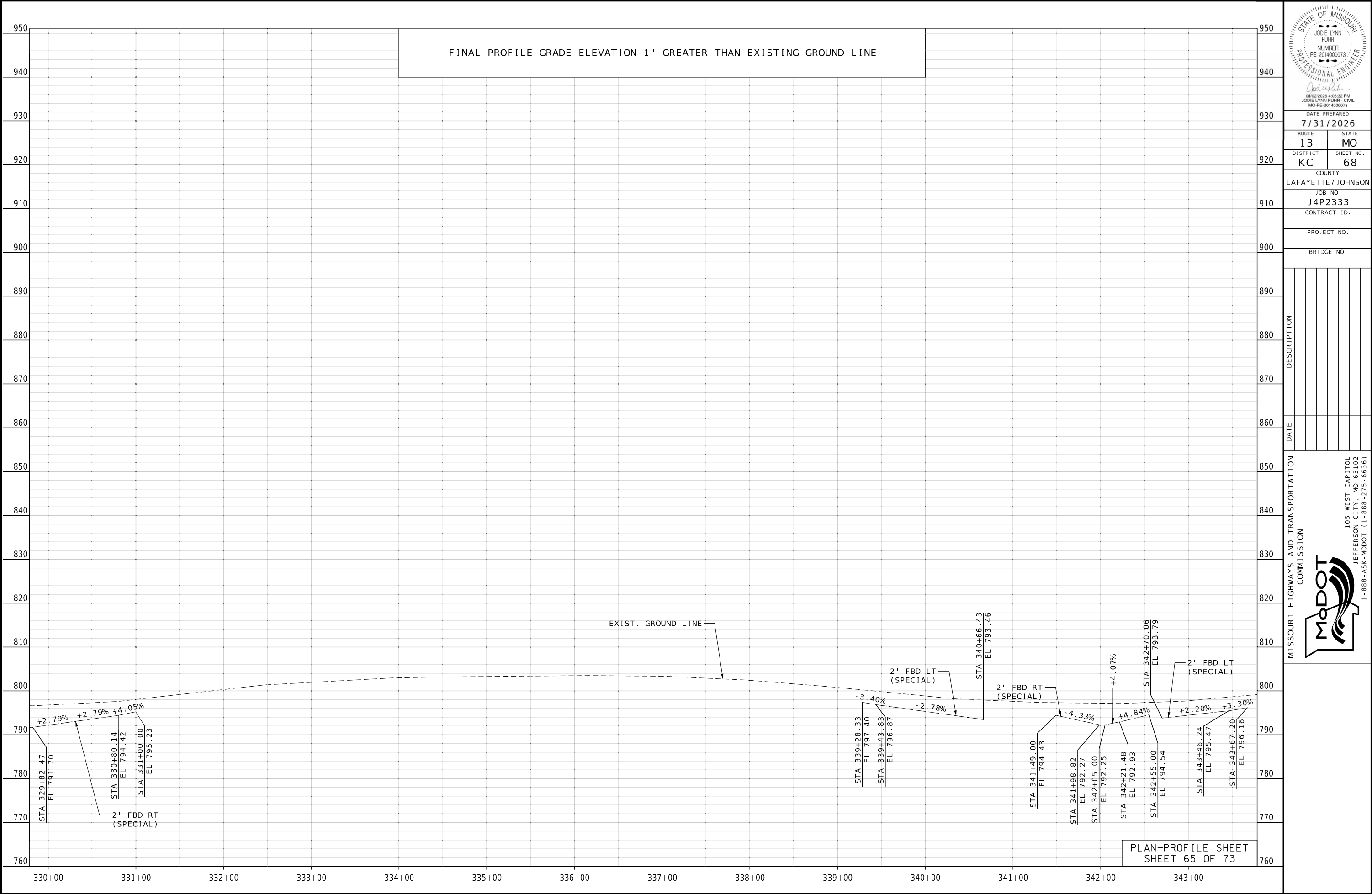
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT



STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:06:32 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
68

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



(A) MAILBOX TURNOUT

NW 1/4 SW 1/4
SEC 25
T47N R26W

SUBJECT TO A 20' WIDE
WATERLINE EASEMENT CENTERED
ON LINE AS INSTALLED BOOK
572, PAGE 266

REMOVE EXIST. 15" X 24' CMP
STA. 350+30.98, OFF. 29.7' LT
BUILD 1-18" X 53' GROUP B PIPE
BUILD 2-18" GROUP B FES

SUBJECT TO A 20' WIDE
WATERLINE EASEMENT CENTERED
ON LINE AS INSTALLED BOOK
572, PAGE 266

REMOVE EXIST. 12" X 34' CMP
STA. 353+27.48, OFF. 36.8' LT
BUILD 1-12" X 63' GROUP B PIPE
BUILD 2-12" GROUP B FES

SW 1/4 SW 1/4
SEC 25
T47N R26W

REMOVE EXIST. 18" X 29' CMP
STA. 356+63.41, OFF. 32' LT
BUILD 1-18" X 28' GROUP B PIPE
BUILD 2-18" GROUP B FES

EXIST. DEED OF
ESM'T UNITED
STATES OF
AMERICA

REMOVE EXIST. 15" X 20' CMP
STA. 346+53.62, OFF. 27' LT
BUILD 1-15" X 50' GROUP B PIPE
BUILD 2-15" GROUP B FES

CLAYTON P &
LESLIE D BURGIN

DEVIN LAWRENCE &
SHELBY JO SPROSTON

HELEN C MISNER

SUMMIT
PROPERTIES II INC

BOYD O &
PATRICIA M STEVENSON

WILLIAM C &
EDNA M BAGINSKY

SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 572, PAGE 266

SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 572, PAGE 266

SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 572, PAGE 266

EXIST. 20' UTILITY
ESM'T (PWS DIST. #1)

REMOVE EXIST. 12" X 42' CMP
STA. 354+19.98, OFF. 32.9' LT
BUILD 1-12" X 68' GROUP B PIPE
BUILD 2-12" GROUP B FES

20' UTILITY ESM'T
(PWS DIST. #1)
EXIST. 20' UTILITY
ESM'T (PWS DIST. #1)

345

TEMP. ESM'T
(CONS'T)

2' FBD

30' EXIST. R/W
EXIST. EDGE
OF SHLDR
EXIST. EDGE
OF PVM'T
S.L.

20' UTILITY ESM'T
(PWS DIST. #1)
EXIST. 20'
UTILITY ESM'T
(PWS DIST. #1)

TEMP. ESM'T
(CONS'T)

NEW R/W LINE
EDGE OF PVM'T
(R) SAW CUT
S.L.

350

ROCK
LINING
3 CY

TEMP. ESM'T
(CONS'T)

S.L.

2' FBD
(SPECIAL)

TEMP. ESM'T
(CONS'T)

2' BERM
2' FBD

355

2' FBD
(SPECIAL)

TEMP. ESM'T
(CONS'T)

2' FBD
(SPECIAL)

2' FBD
(SPECIAL)

2' BERM
2' FBD

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(SPECIAL)

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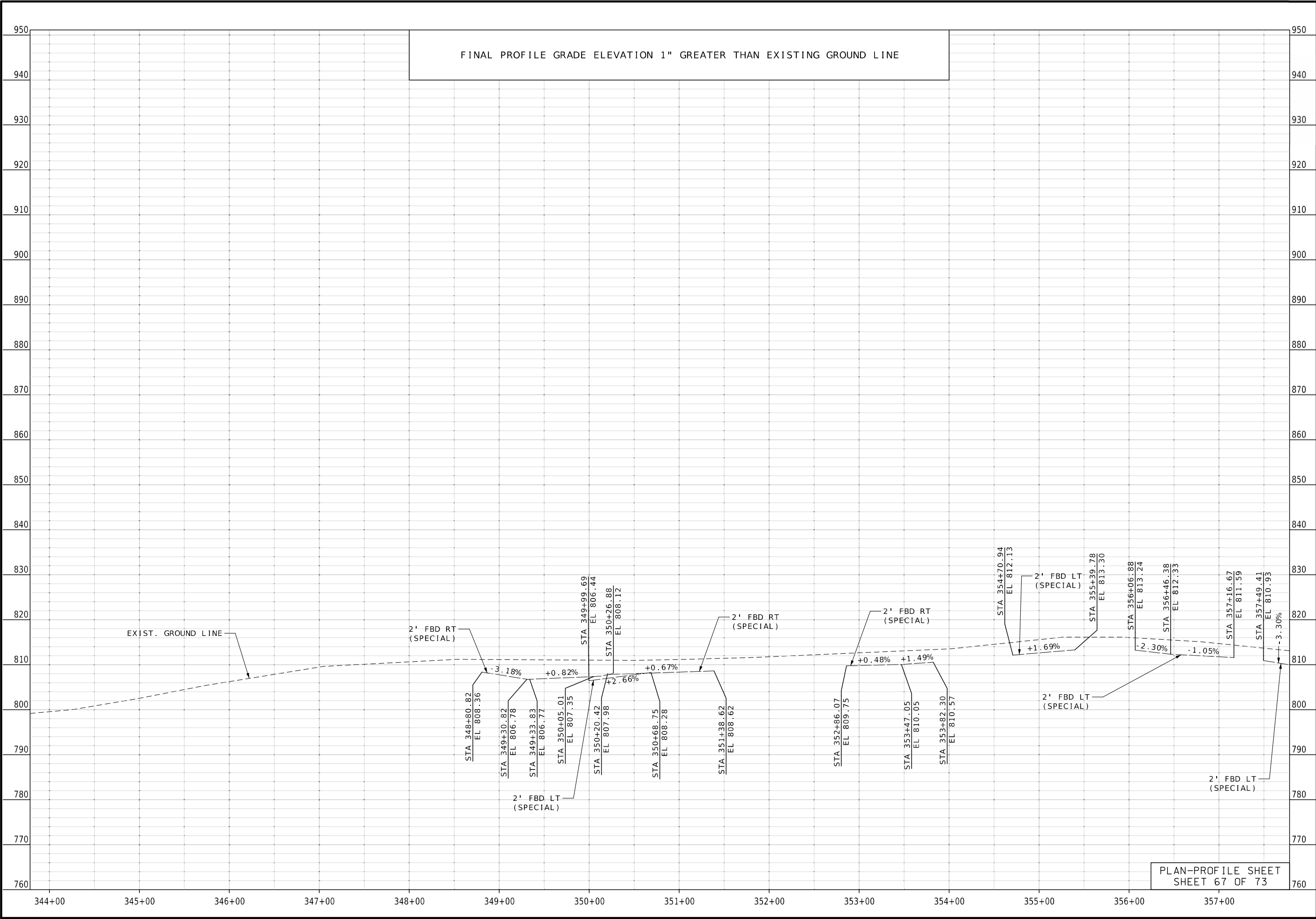
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FINAL PROFILE GRADE ELEVATION 1" GREATER THAN EXISTING GROUND LINE



STATE OF MISSOURI

JODIE LYNN PUGH

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:07:20 PM

JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
70

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

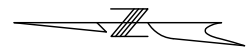
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN-PROFILE SHEET
SHEET 67 OF 73



REMOVE EXIST. 12" X 23' RCP
STA. 358+18.26, OFF. 32' LT
BUILD 1-15" X 56' GROUP B PIPE
BUILD 2-15" GROUP B FES

EXTEND EXIST. 3' X 2' RCB
STA. 360+21.93 RT & LT
SKEW 0° 12' 14" RA
BUILD STRAIGHT WING WALLS RT & LT
SEE CULVERT SECTION FOR DETAILS

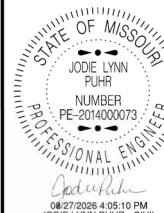
SW 1/4 SW 1/4
SEC 25
T47N R26W

REMOVE EXIST. 12" X 25' CMP
STA. 363+08.81, OFF. 30' LT
BUILD 1-12" X 53' GROUP B PIPE
BUILD 2-12" GROUP B FES

REMOVE EXIST. 12" X 34' CMP
STA. 364+26.93, OFF. 30' LT
BUILD 1-12" X 50' GROUP B PIPE
BUILD 2-12" GROUP B FES

NW 1/4 NW 1/4
SEC 36
T47N R26W

REMOVE EXIST. 24" X 41' RCP
STA. 368+82.69
SKEW 1° 22' 38" RA
BUILD 24" X 58' GROUP A PIPE
BUILD 2-24" GROUP A FES
SEE CULVERT SECTION FOR DETAILS



DATE PREPARED
8/27/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 71

COUNTY LAFAYETTE / JOHNSON

JOB NO. J3P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

PLAN-PROFILE SHEET
SHEET 68 OF 73

BRADLEY L &
HOLLY E BELANGER

CHRISTINE L &
TREVOR T JACKSON

BRYON W & NANCE
L MILES BURDEN

JOHNSON COUNTY

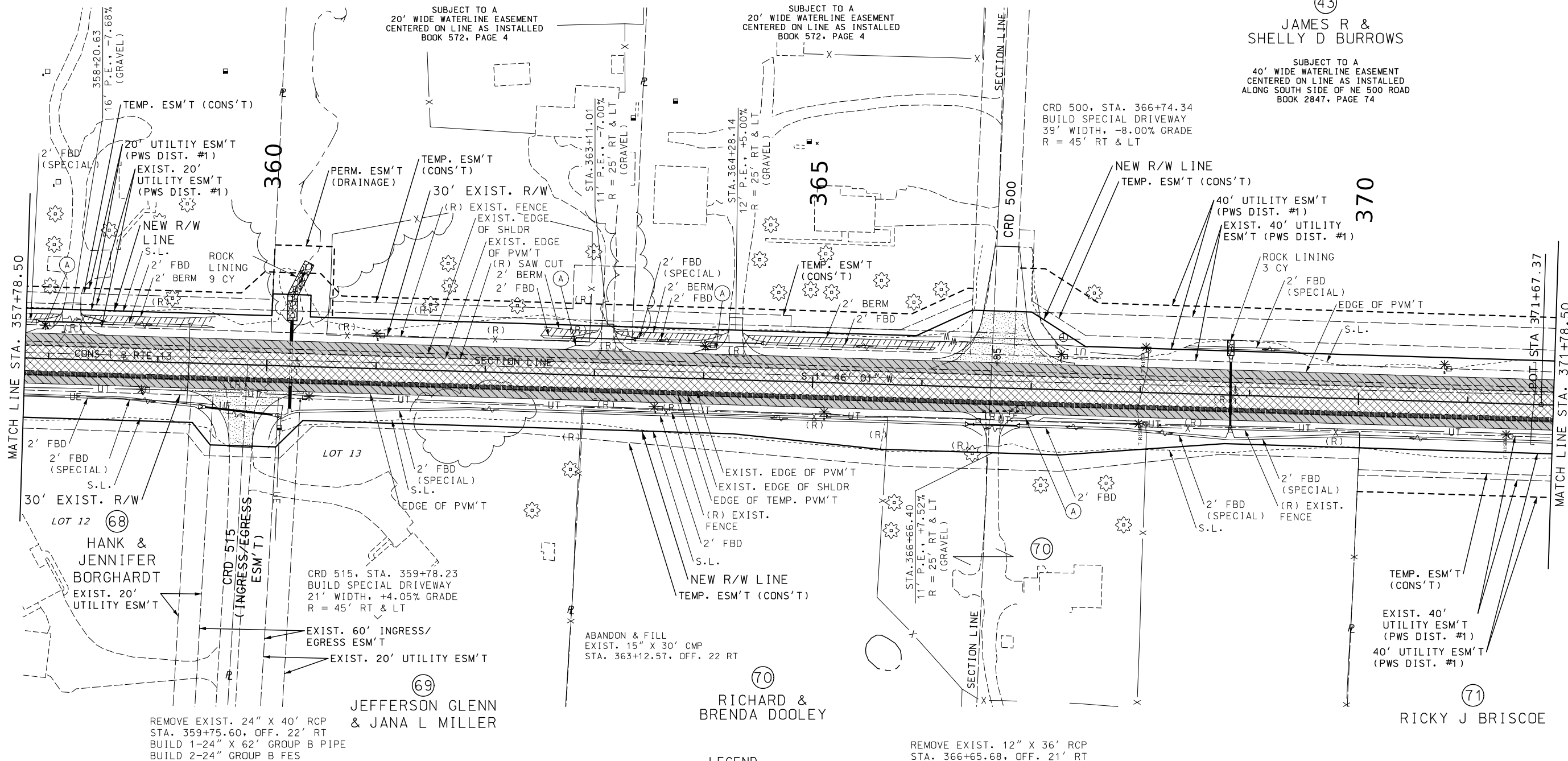
JAMES R &
SHELLY D BURROWS

SUBJECT TO A
40' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
ALONG SOUTH SIDE OF NE 500 ROAD
BOOK 2847, PAGE 74

CRD 500, STA. 366+74.34
BUILD SPECIAL DRIVEWAY
39' WIDTH, -8.00% GRADE
R = 45' RT & LT

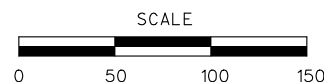
SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 572, PAGE 4

SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 572, PAGE 4



(A) MAILBOX TURNOUT

NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

SE 1/4
SEC 26
T47N R26W

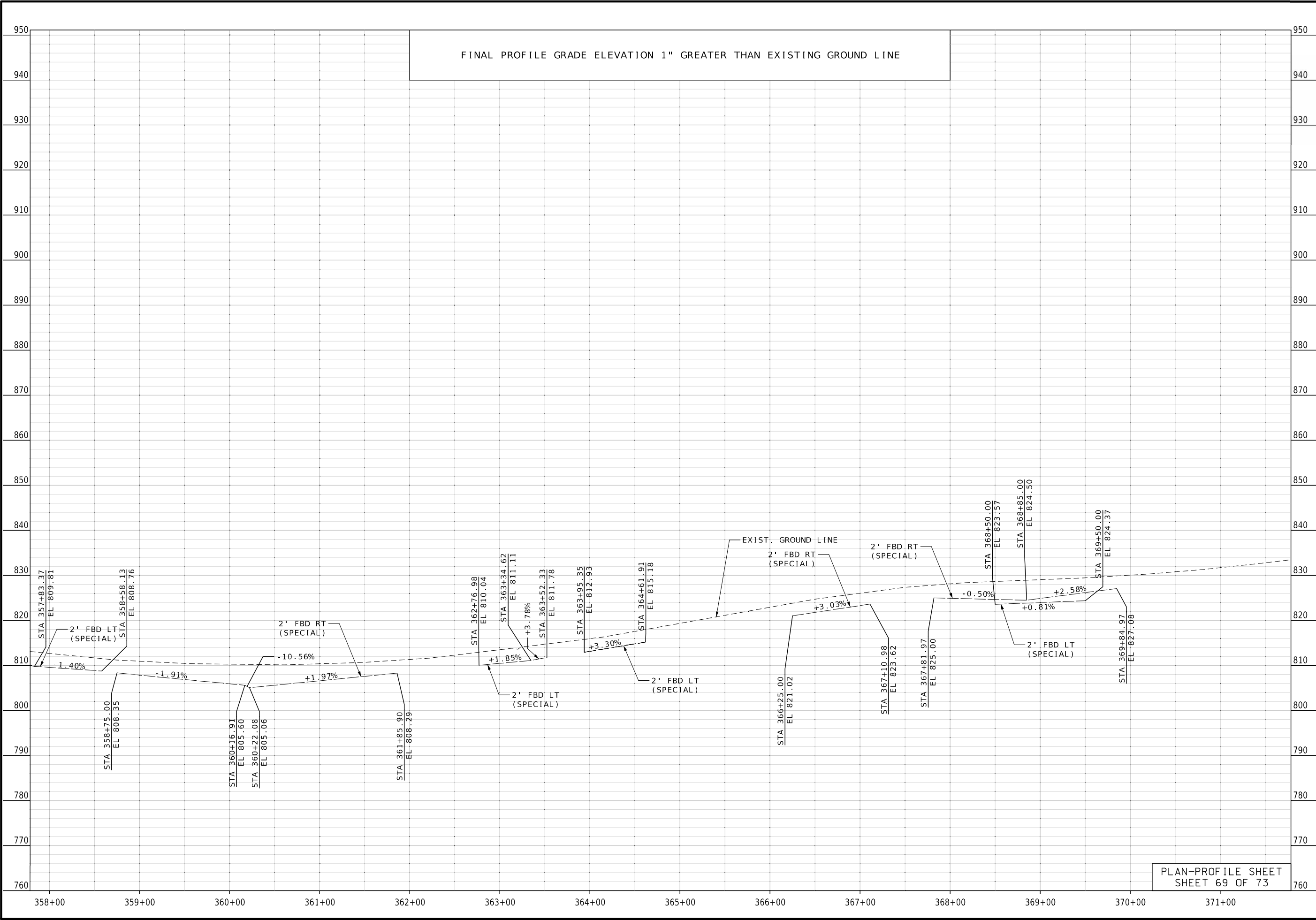
LEGEND

- 1" COLDMILL
- 2" OVERLAY SP125C
- TEMP. PVM'T
- ALTERNATE PVM'T
- ASPHALT PVM'T (SIDE ROAD)

NE 1/4 NE 1/4
SEC 35
T47N R26W

PLAN-PROFILE SHEET
SHEET 68 OF 73

FINAL PROFILE GRADE ELEVATION 1" GREATER THAN EXISTING GROUND LINE



PLAN-PROFILE SHEET
SHEET 69 OF 73

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/03/2026 4:09:02 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

8/3/2026

ROUTE

13

DISTRICT

KC

STATE

MO

SHEET NO.

72

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

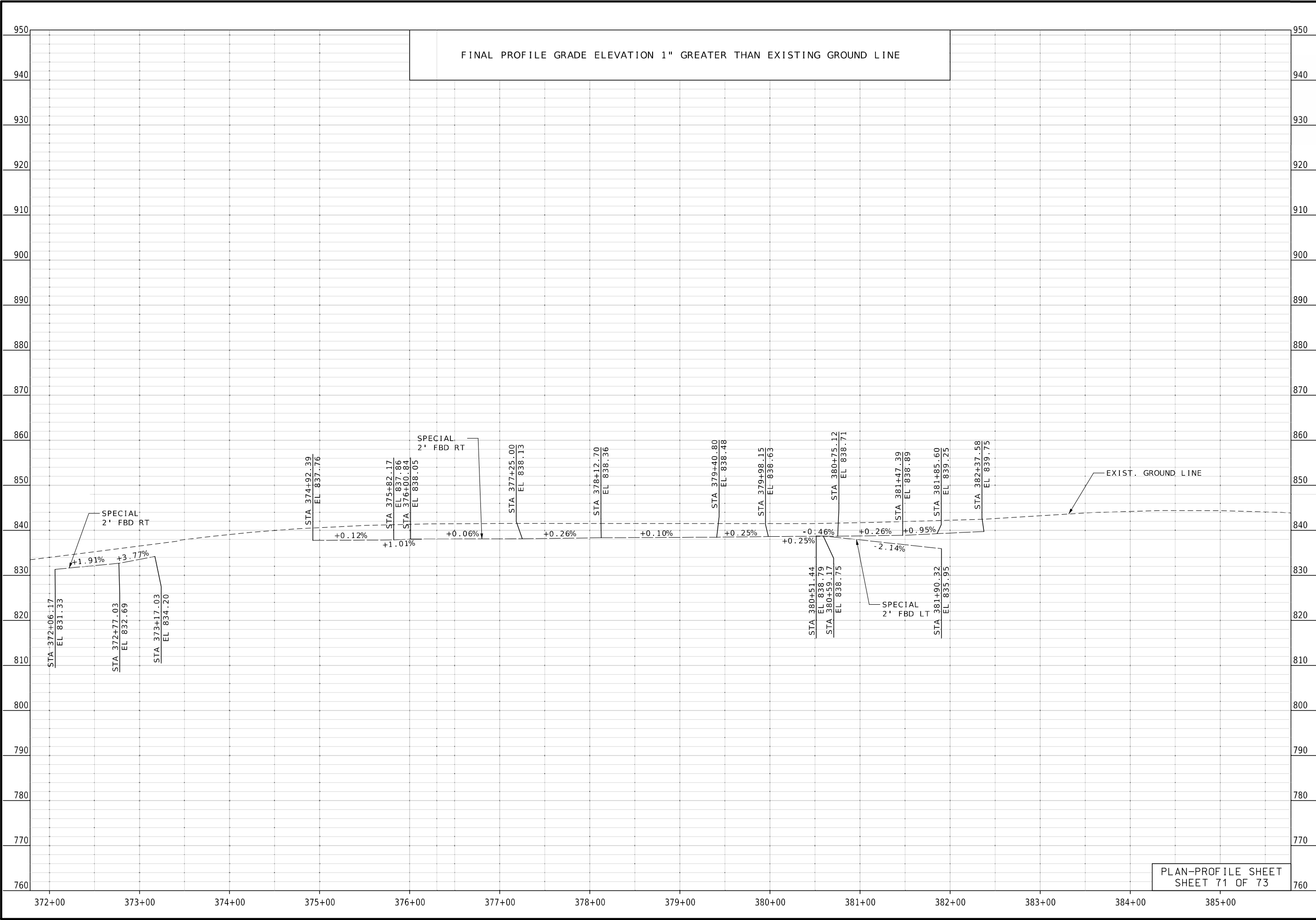
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

FINAL PROFILE GRADE ELEVATION 1" GREATER THAN EXISTING GROUND LINE



PLAN-PROFILE SHEET
SHEET 71 OF 73

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

DATE PREPARED
7/31/2026

ROUTE
13

DISTRICT
KC

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

STATE

MO

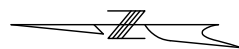
SHEET NO.
74

DATE

DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SW 1/4 NW 1/4
SEC 36
T47N R26W

NW 1/4 SW 1/4
SEC 36
T47N R26W

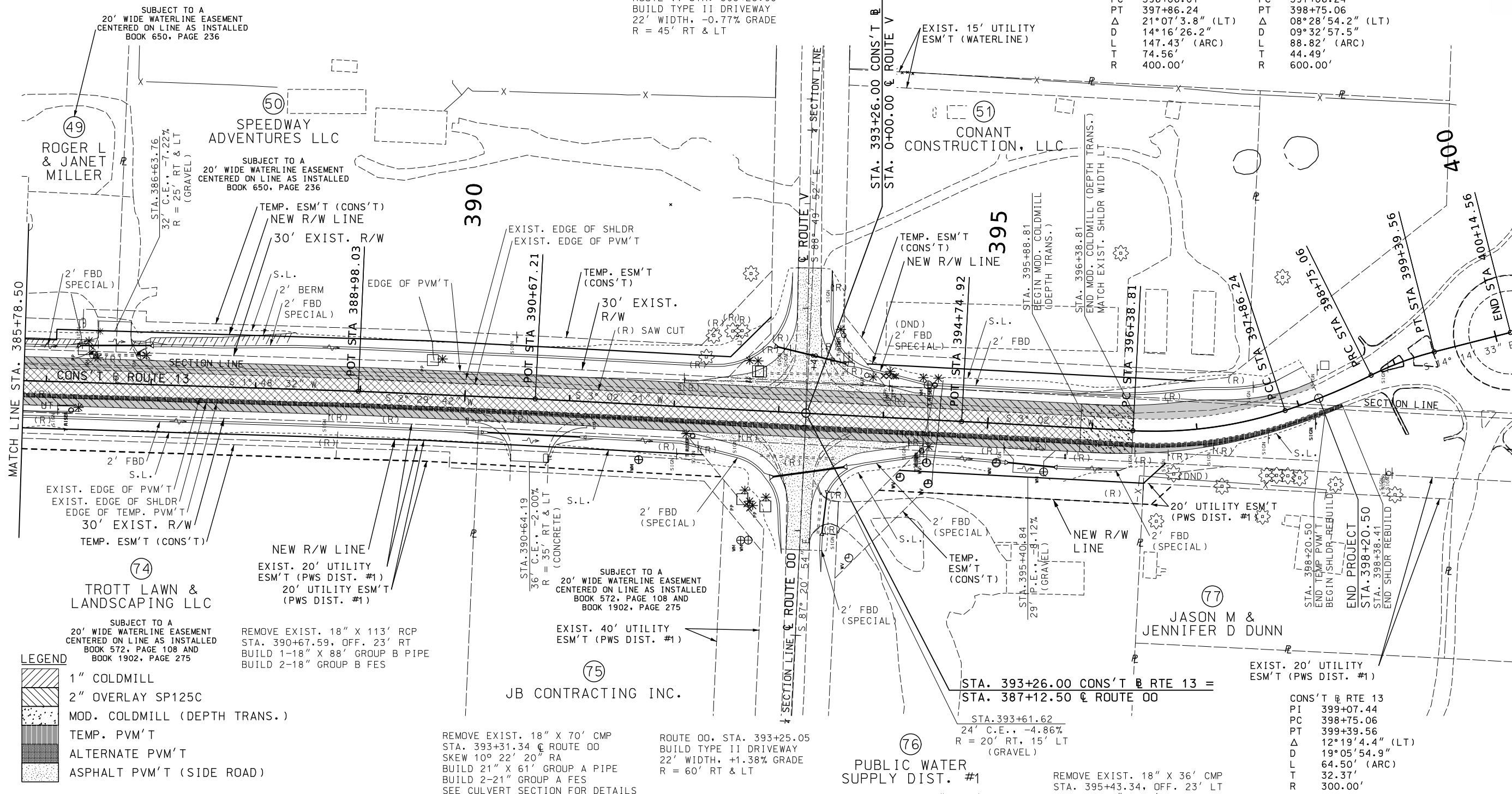
REMOVE EXIST. 18" X 44' CMP
STA. 386+65.03, OFF. 27' LT
BUILD 1-18" X 67' GROUP B PIPE
BUILD 2-18" GROUP B FES

REMOVE EXIST. 18" X 44' CMP
STA. 0+56.79 @ ROUTE V
SKEW 12°30'08" LA
BUILD 1-18" X 67' GROUP A PIPE
BUILD 2-18" GROUP A FES
SEE CULVERT SECTION FOR DETAIL

ROUTE V, STA. 393+25.98
BUILD TYPE II DRIVEWAY
22' WIDTH, -0.77% GRADE
R = 45' RT & LT

CONS'T @ RTE 13
PI 397+13.37
PC 396+86.81
PT 397+86.24
Δ 21°07'3.8" (LT)
D 14°16'26.2"
L 147.43' (ARC)
T 74.56'
R 400.00'

CONS'T @ RTE 13
PI 398+30.73
PC 397+86.24
PT 398+75.06
Δ 08°28'54.2" (LT)
D 09°32'57.5"
L 88.82' (ARC)
T 44.49'
R 600.00'



LEGEND

- 1" COLDMILL
- 2" OVERLAY SP125C
- MOD. COLDMILL (DEPTH TRANS.)
- TEMP. PVM'T
- ALTERNATE PVM'T
- ASPHALT PVM'T (SIDE ROAD)

NOTE:
* RELOCATE UTILITIES BY OTHERS



SE 1/4 NE 1/4
SEC 35
T47N R26W

PUBLIC WATER
SUPPLY DIST. #1

REMOVE EXIST. 15" X 38' CMP
STA. 393+48.78, OFF. 94' LT
BUILD 1-15" X 39' GROUP B PIPE
BUILD 2-15" GROUP B FES

NE 1/4 SE 1/4
SEC 35
T47N R26W

REMOVE EXIST. 18" X 36' CMP
STA. 395+43.34, OFF. 23' LT
BUILD 1-18" X 45' GROUP B PIPE
BUILD 2-18" GROUP B FES

CONS'T @ RTE 13
PI 399+07.44
PC 398+75.06
PT 399+39.56
Δ 12°19'4.4" (LT)
D 19°05'54.9"
L 64.50' (ARC)
T 32.37'
R 300.00'

PLAN-PROFILE SHEET
SHEET 72 OF 73

STATE OF MISSOURI

JODIE LYNN P.H.R.

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/27/2026 4:06:03 PM

JODIE LYNN P.H.R., CIVIL

MO-PE-2014000073

DATE PREPARED

8/27/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

75

COUNTY

LAFAJETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE

DESCRIPTION

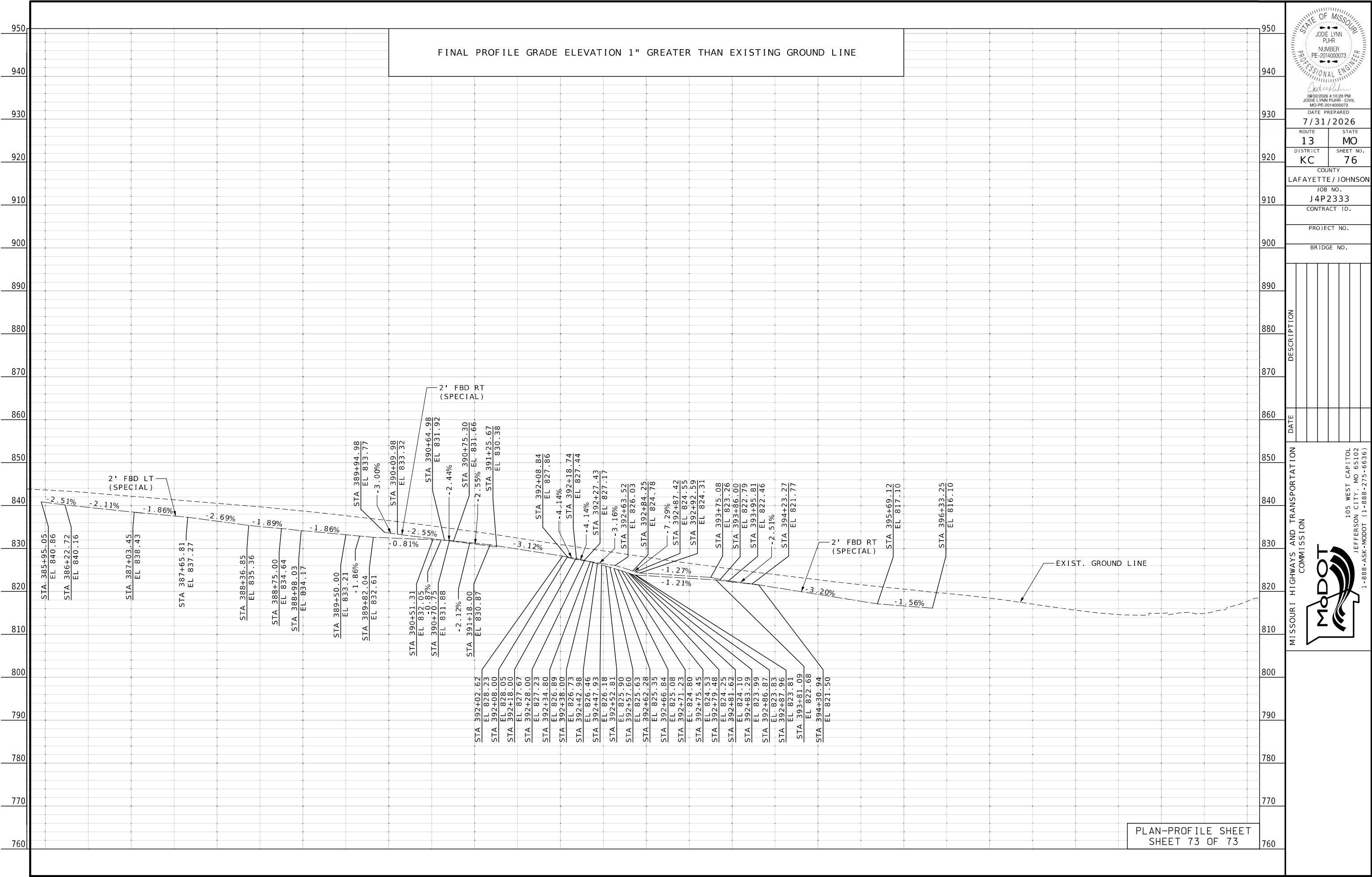
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT



STATE OF MISSOURI

JODIE LYNN PUGH

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:10:29 PM

JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
76

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

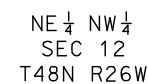
BRIDGE NO.

DATE

DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



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.

NOTE:
STA. 265+00.00 TO STA. 355+30.00
NO RIGHT OF WAY ACQUISITION.
MILL & FILL ONLY.

01

ROBERT A & DOROTHY
BELL FAMILY TRUST

20,589 SF (0.5 AC) NEW R/W
(INCL. 13,869 SF IN EXIST. PERM. ESM'T (UTILITY - PWS DIST #2))
(INCL. 6,720 SF IN EXIST. PERM. ESM'T (UTILITY - AT&T))
14,071 SF (0.1 AC) PERM. ESM'T (UTILITY - PWS DIST. #2)
11,777 SF (0.1 AC) PERM. ESM'T (UTILITY - AT&T)
23,814 SF (0.6 AC) TEMP. ESM'T
4,161,833 SF (95.5 AC) REMAINING
21-1.0-01-0-000-009.020
21-1.0-01-0-000-009.010
21-1.0-12-0-000-003.000
21-1.0-12-0-000-002.000

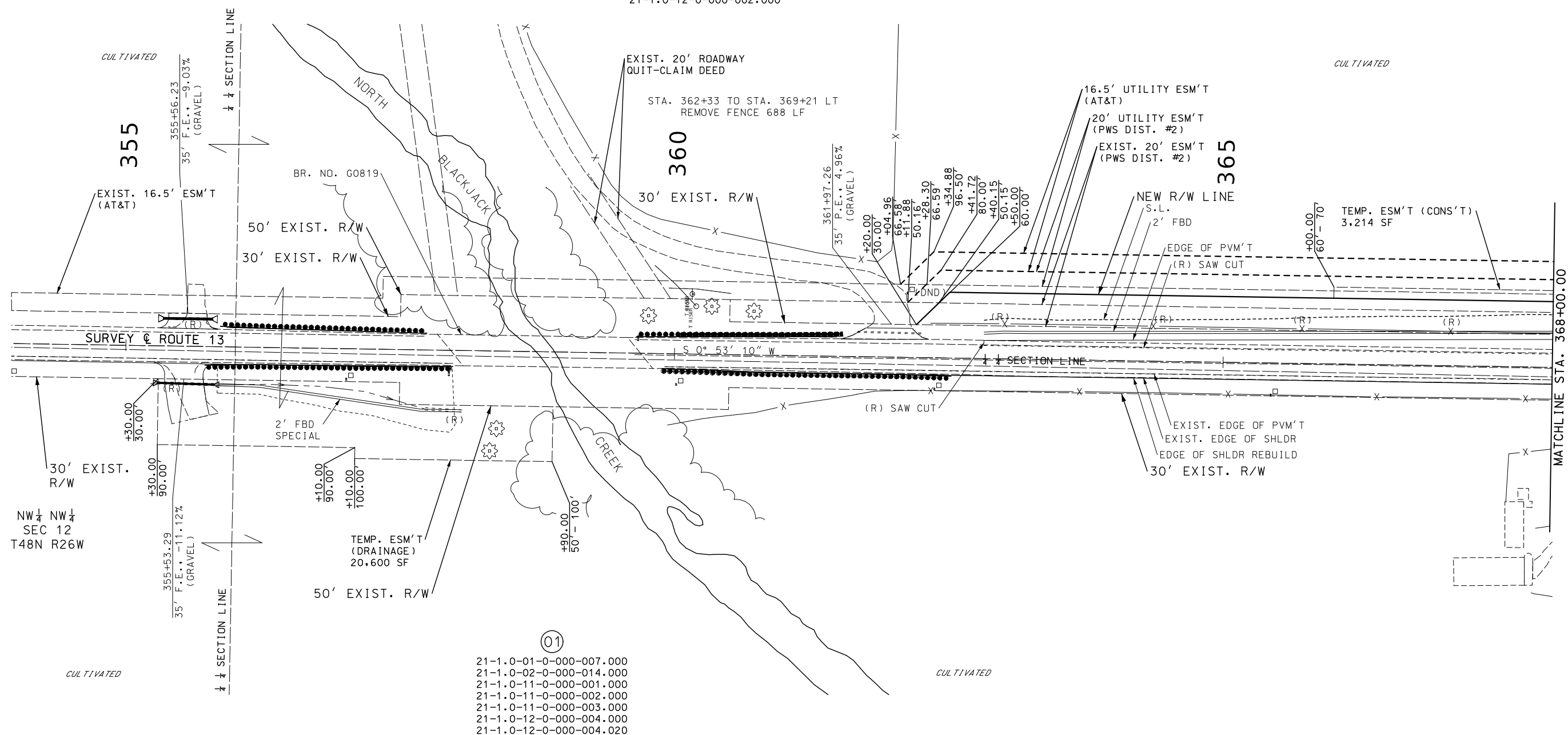
SE $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 12
T48N R26W

RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STA. 362+50 TO STA. 398+20, A DISTANCE OF 10.187 MILES.

SEE SPECIAL SHEET NUMBERS 1 TO 6 FOR LAND CORNER
TIE INFORMATION

THE LIMITS FOR THIS PROJECT EXTEND FROM
STA. 265+00.00 TO STA. 398+20.50

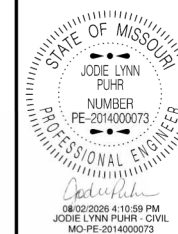
ALL BEARINGS SHOWN ARE MODIFIED STATE PLANE
BEARINGS, WESTERN ZONE.



SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 652, PAGE 863

SW $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 12
T48N R26W

RIGHT OF WAY SHEET
SHEET 1 OF 36



DATE PREPARED

7/31/2026

ROUTE	STAT
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13	MC
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DISTRICT	SHEET
160	75

KC	77
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COUNTY _____
ASSAYER GENERAL _____

LAFAYETTE / JOHN

JOB NO.
1402222

J4P2333

CONTRACT ID

CONTRACT ID:

PROJECT NO.

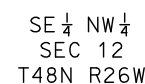
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102





STA. 369+21 TO STA. 369+47 LT
REMOVE FENCE 26 LF

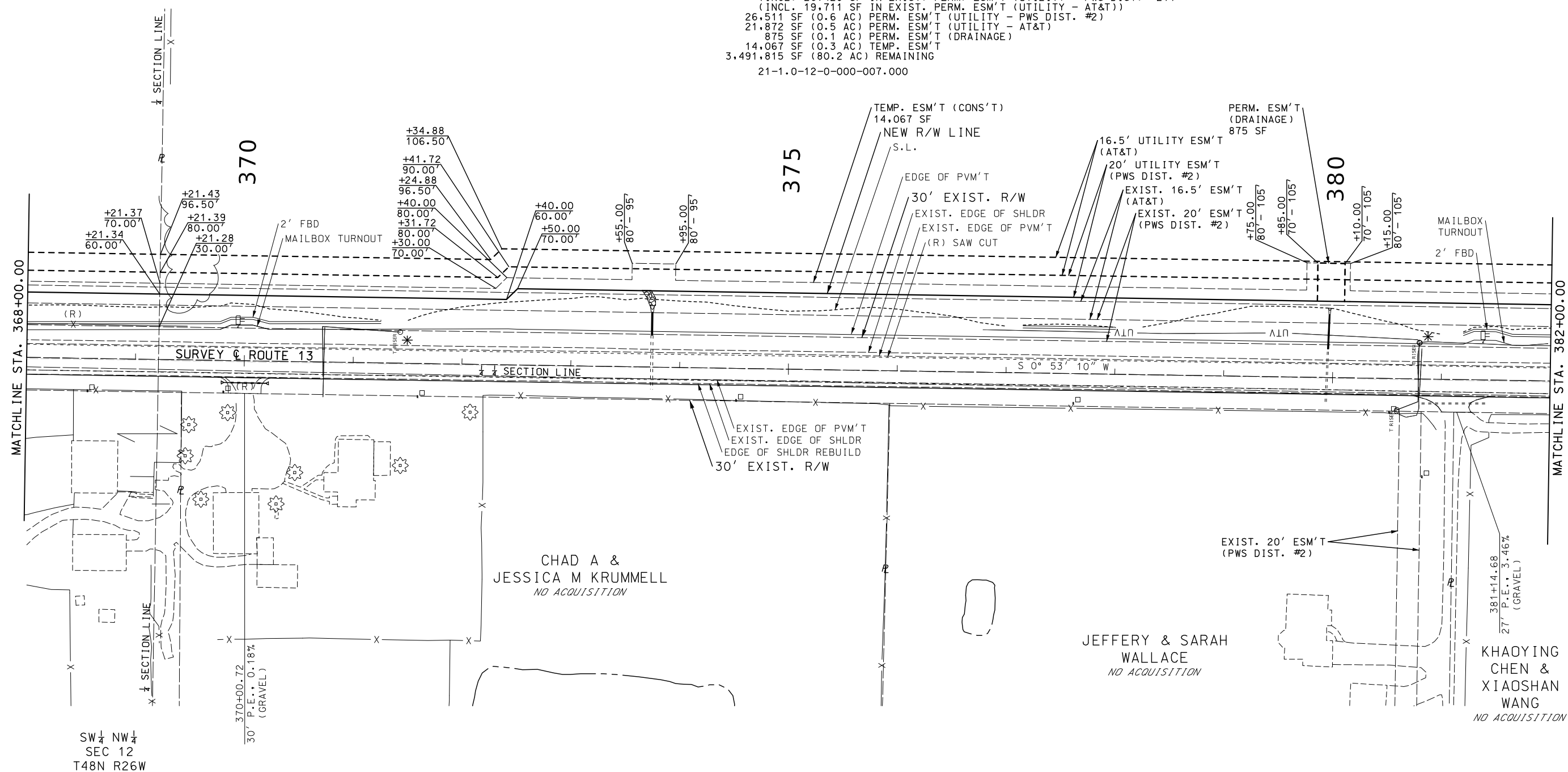
CULTIVATED

NE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 12
T48N R26W

②

KENNETH L SCHROEDER
LIVING TRUST

49,620 SF (1.1 AC) NEW R/W
 (INCL. 26,428 SF IN EXIST. PERM. ESM'T (UTILITY - PWS DIST. #2))
 (INCL. 19,711 SF IN EXIST. PERM. ESM'T (UTILITY - AT&T))
 26,511 SF (0.6 AC) PERM. ESM'T (UTILITY - PWS DIST. #2)
 21,872 SF (0.5 AC) PERM. ESM'T (UTILITY - AT&T)
 875 SF (0.1 AC) PERM. ESM'T (DRAINAGE)
 14,067 SF (0.3 AC) TEMP. ESM'T
 3,491,815 SF (80.2 AC) REMAINING
 21-1.0-12-0-000-007.000



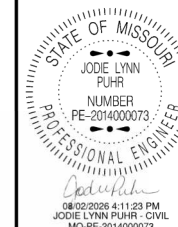
NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

NW $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 12
T48N R26W

RIGHT OF WAY SHEET
SHEET 2 OF 36



DATE PREPARED

7/31/202

ROUTE	ST
-------	----

13	M
----	---

DISTRICT	SHEET
160	5

KC	7
----	---

COUNTY
 FAYETTE, LA

AFAYETTE / JOHNSON

JOB NO.
14B2222

14P2333

CONTRACT ID

CONTRACT ID:

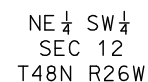
PROJECT NO. _____

BRIDGE NO.

[illegible]


 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102





SE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 12
T48N R26W

③

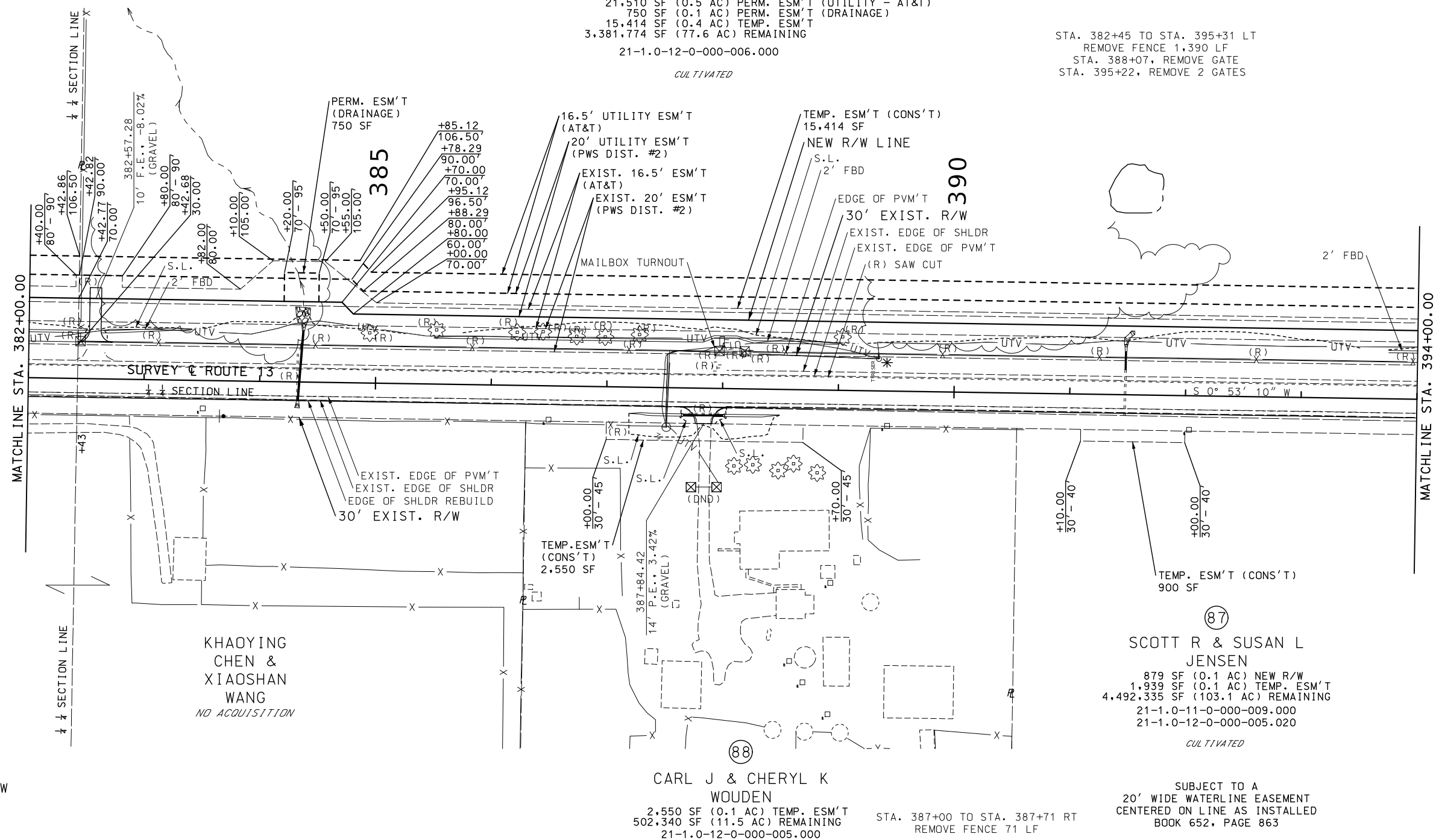
GOETZ FAMILY TRUST

41,356 SF (1.0 AC) NEW R/W
 (INCL. 25,828 SF IN EXIST. PERM. ESM'T (UTILITY - PWS DIST #2))
 (INCL. 14,594 SF IN EXIST. PERM. ESM'T (UTILITY - AT&T))
 26,049 SF (0.6 AC) PERM. ESM'T (UTILITY - PWS DIST. #2)
 21,510 SF (0.5 AC) PERM. ESM'T (UTILITY - AT&T)
 750 SF (0.1 AC) PERM. ESM'T (DRAINAGE)
 15,414 SF (0.4 AC) TEMP. ESM'T
 3,381,774 SF (77.6 AC) REMAINING

21-1.0-12-0-000-006.000

CULTIVATED

STA. 382+45 TO STA. 395+31 LT
REMOVE FENCE 1,390 LF
STA. 388+07, REMOVE GATE
STA. 395+22, REMOVE 2 GATES



NW $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 12
T48N R26W

NOTE:
* RELOCATE UTILITIES BY OTHERS



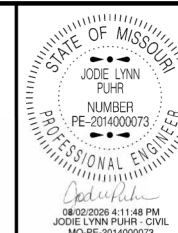
SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

SW $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 12
T48N R26W

STA. 387+00 TO STA. 387+71 RT
REMOVE FENCE 71 LF

SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 652, PAGE 863

RIGHT OF WAY SHEET
SHEET 3 OF 36



DATE PREPARED

7/31/202

ROUTE	ST
-------	----

13	M
Co. A. Co. 2000 Co. 2. Co. 2000	Co. 2. Co. 2000

DISTRICT
KC

COUNTY

AFAYETTE / JOH

JOB NO.

J4P2333

CONTRACT ID

PROJECT NO. _____

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



SE 1/4 SW 1/4
SEC 12
T48N R26W

(101)

LAFAYETTE COUNTY
3,000 SF (0.1 AC) NEW R/W

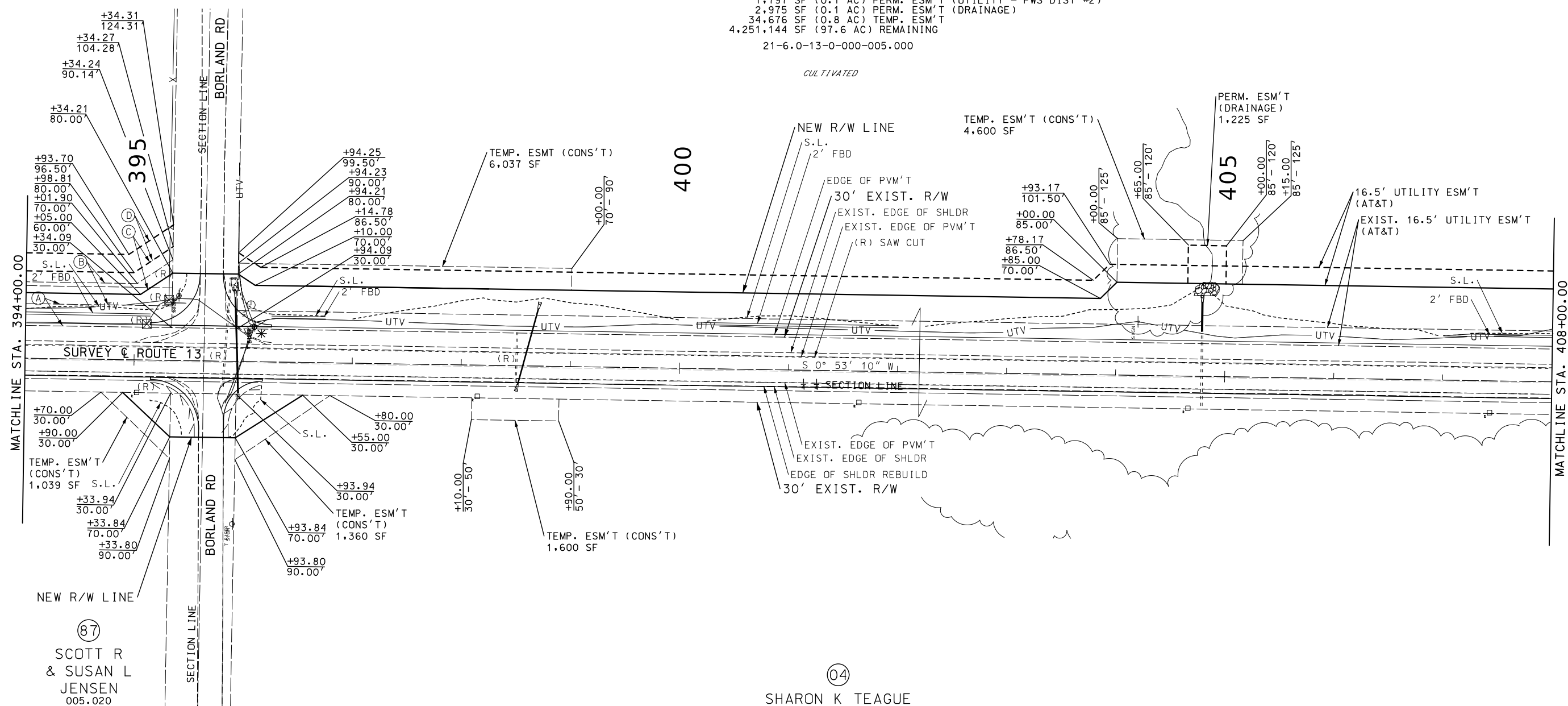
- (A) EXIST. 20' UTILITY
ESM'T (PWS DIST. #2)
- (B) EXIST. 16.5' UTILITY
ESM'T (AT&T)
- (C) 20' UTILITY ESM'T
(PWS DIST. #2)
- (D) 16.5' UTILITY ESM'T
(AT&T)

NE 1/4 NW 1/4
SEC 13
T48N R26W

(04)

SHARON K TEAGUE
104,856 SF (2.4 AC) NEW R/W
(INCL. 40,607 SF IN EXIST. PERM ESM'T (UTILITY - AT&T))
42,647 SF (1.0 AC) PERM. ESM'T (UTILITY - AT&T)
1,797 SF (0.1 AC) PERM. ESM'T (UTILITY - PWS DIST #2)
2,975 SF (0.1 AC) PERM. ESM'T (DRAINAGE)
34,676 SF (0.8 AC) TEMP. ESM'T
4,251,144 SF (97.6 AC) REMAINING
21-6.0-13-0-000-005.000

CULTIVATED



NEW R/W LINE

(87)

SCOTT R
& SUSAN L
JENSEN
005.020

SW 1/4 SW 1/4
SEC 12
T48N R26W

(100)

LAFAYETTE COUNTY
2,400 SF (0.1 AC) NEW R/W



NOTE:
* RELOCATE UTILITIES BY OTHERS

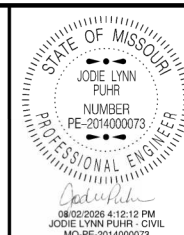
SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

(04)

SHARON K TEAGUE
005.000

CULTIVATED

NW 1/4 NW 1/4
SEC 13
T48N R26W



DATE PREPARED
7/31/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 80

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

RIGHT OF WAY SHEET
SHEET 4 OF 36

SE $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 13
T48N R26W

SW $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 13
T48N R26W

(05)
 DYER
 FARMS
 INC.
 006.000

STATE OF MISSOURI

JODIE LYNN
PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:12:42 PM
JODIE LYNN PUHR - CIVIL
PE OF MISSOURI

DATE PREPARED	
7/31/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	81

COUNTY
LAFAYETTE / JOHNSON

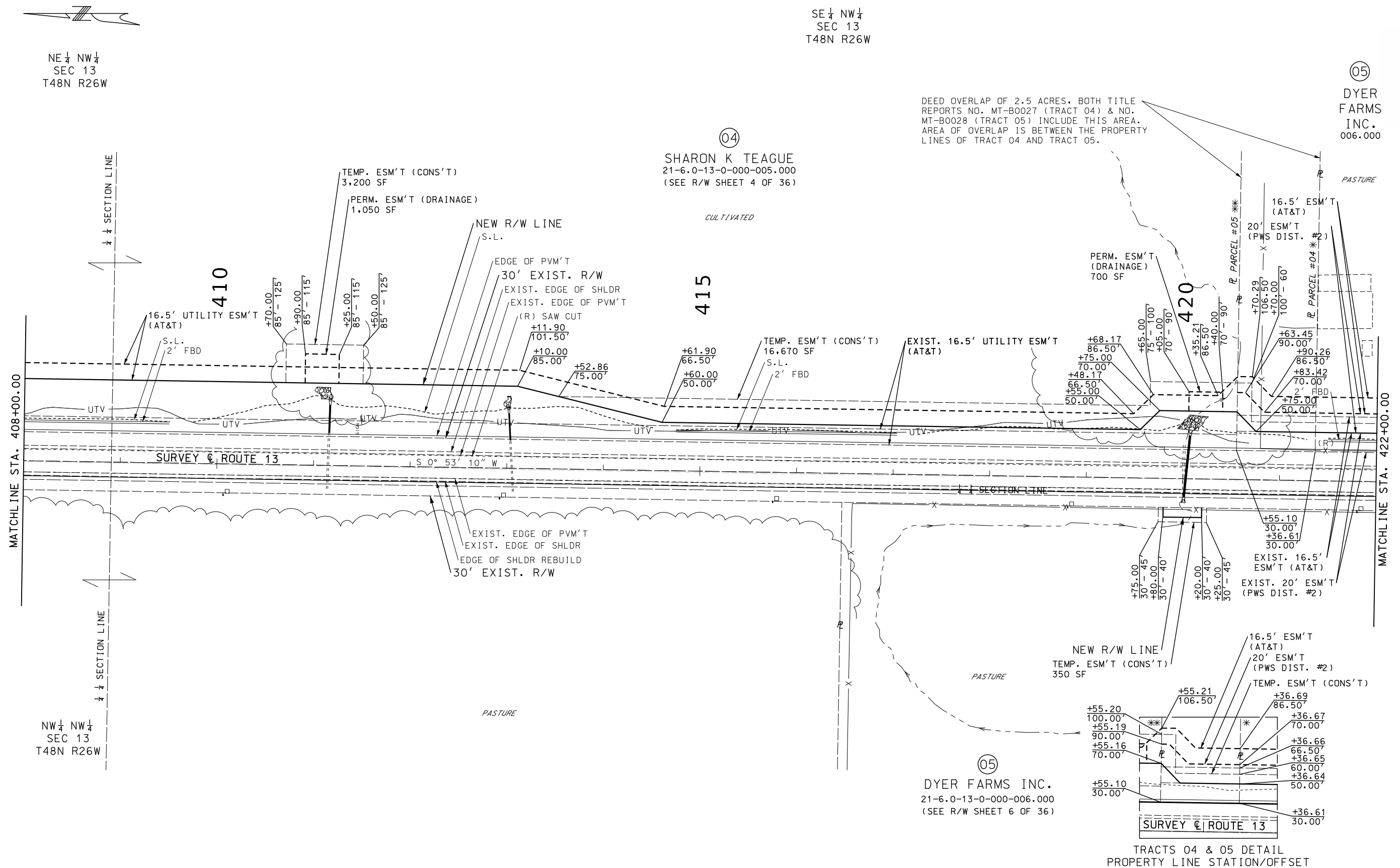
JOB NO.
J4P2333
CONTRACT ID.

PROJECT NO.

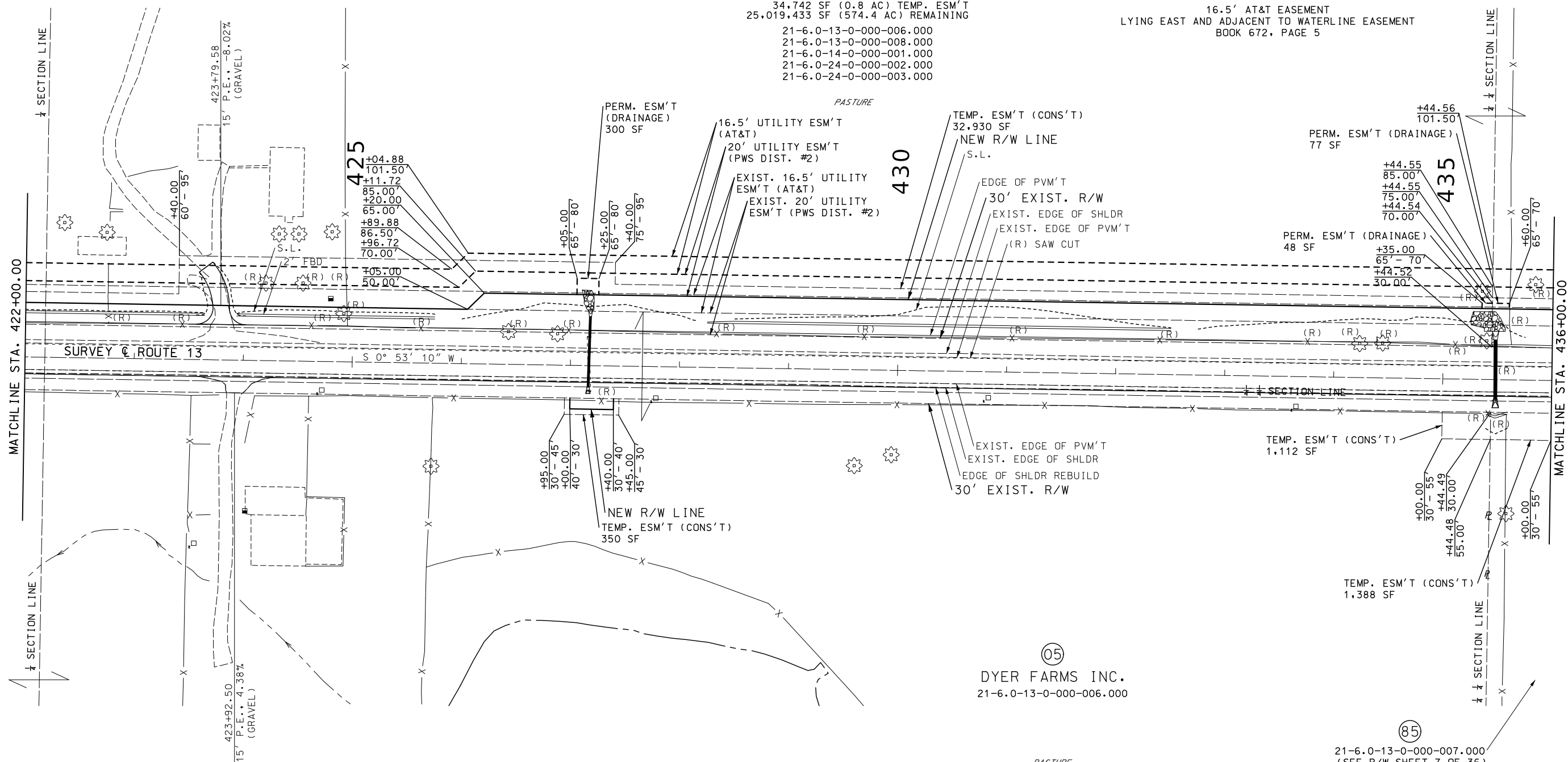
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



RIGHT OF WAY SHEET
SHEET 5 OF 36



NE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 13
T48N R26W

```

72,434 SF (1.7 AC) NEW R/W
  (INCL. 46,412 SF IN EXIST. PERM. ESM'T (UTILITY - PWS DIST #2))
  (INCL. 25,216 SF IN EXIST. PERM. ESM'T (UTILITY - AT&T))
46,766 SF (1.1 AC) PERM. ESM'T (UTILITY - PWS DIST #2)
38,768 SF (0.9 AC) PERM. ESM'T (UTILITY - AT&T)
  425 SF (0.1 AC) PERM. ESM'T (DRAINAGE)
34,742 SF (0.8 AC) TEMP. ESM'T
25,019,433 SF (574.4 AC) REMAINING

```

AND

16.5' AT&T EASEMENT
LYING EAST AND ADJACENT TO WATERLINE EASEMENT
BOOK 672, PAGE 5

MATCHLINE STA. 422+00.00

MATCHI	INE	STA	436+00	00
--------	-----	-----	--------	----

DYER FARMS INC.
21-6.0-13-0-000-006.000

NW $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 13
T48N R26W

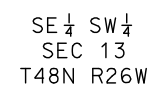
21-6.0-13-0-000-007.000/
(SEE R/W SHEET 7 OF 36)
STA. 435+44 TO STA. 435+59 RT
REMOVE FENCE 38 LF

RIGHT OF WAY SHEET
SHEET 6 OF 36

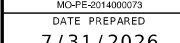


SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION					
			DATE		
			DESCRIPTION		
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)					
STATE OF MISSOURI			JODIE LYNN PUHR		
PROFESSIONAL ENGINEER			NUMBER PE-2014000073		
08/02/2026 4:13:10 PM JODIE LYNN PUHR - CIVIL MO-PE-2014000073			<i>Jodie Lynn Puhr</i>		
DATE PREPARED			7/31/2026		
ROUTE 13			STATE MO		
DISTRICT KC			SHEET NO. 82		
COUNTY LAFAYETTE / JOHNSON					
JOB NO. J4P2333					
CONTRACT ID.					
PROJECT NO.					
BRIDGE NO.					



NOTE:
STA. 450+00.00 TO STA. 501+10.00
NO RIGHT OF WAY ACQUISITION.
MILL & FILL ONLY.



COUNTY
LAFAYETTE / JOHNSON

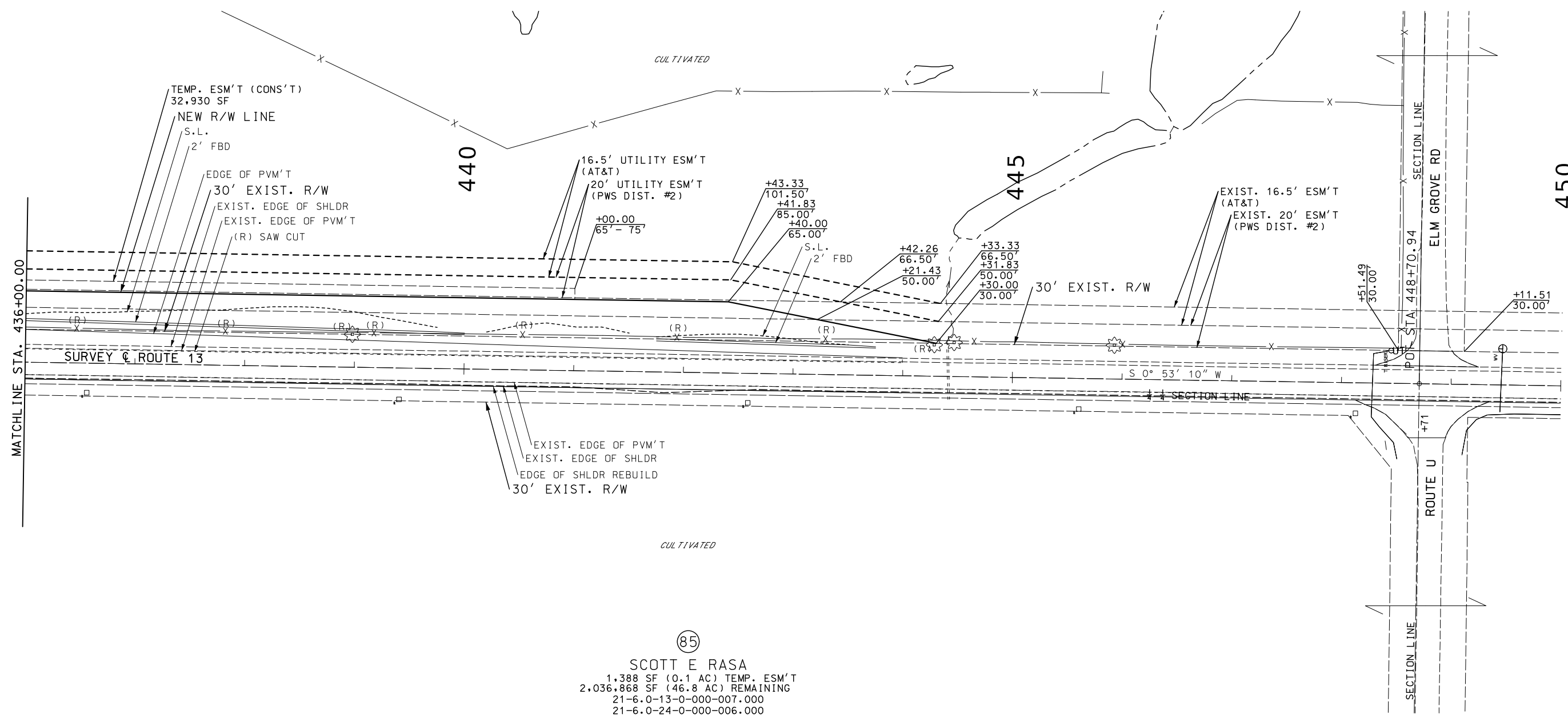
PROJECT NO.

BRIDGE NO.

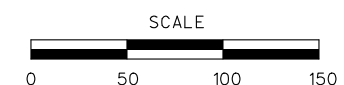
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

 105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6626)

The logo for the Missouri Department of Transportation (MoDOT) is located in the bottom right corner. It features the word "MoDOT" in a bold, sans-serif font, with a stylized graphic of a road or bridge structure integrated into the letter "O".

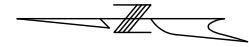


SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.



SW $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 13
T48N R26W

RIGHT OF WAY SHEET
SHEET 7 OF 36



MATCHLINE STA. 12+00.00

06
0002.03

SECTION LINE

SECTION LINE

91
0002.05

+27

SURVEY C. ROUTE 13

15

16.5' UTILITY ESM'T (AT&T)
EXIST. 16.5' ESM'T (AT&T)
END TAPER

TEMP. ESM'T (CONS'T)
26,158 SF
NEW R/W LINE
S.L.
2' BERM
2' FBD

20

EDGE OF PVM'T
30' EXIST. R/W
EXIST. EDGE OF SHLDR
EXIST. EDGE OF PVM'T (R) SAW CUT

EXIST. EDGE OF SHLDR
EDGE OF SHLDR REBUILD
30' EXIST. R/W

S 1° 48' 13" W

25

MATCHLINE STA. 26+00.00

SE 1/4 NW 1/4
SEC 25
T48N R26W

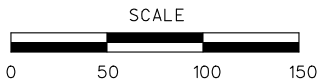
CULTIVATED

06
MARJORIE J
DYER TRUST
03-70-25-00-000-0002.03
(SEE R/W SHEET 8 OF 36)

91
DWAYNE E &
REBEKAH L MARSH
03-70-25-00-000-0002.05
(SEE R/W SHEET 8 OF 36)

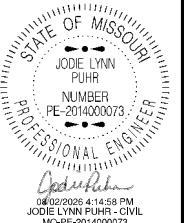
CULTIVATED

SE 1/4 NW 1/4
SEC 25
T48N R26W



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

RIGHT OF WAY SHEET
SHEET 9 OF 36



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 85
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



07

ROBERT O &
GENE E DYER

(SEE R/W SHEET 10 OF 36)

NE 1/4 NW 1/4
SEC 36
T48N R26W

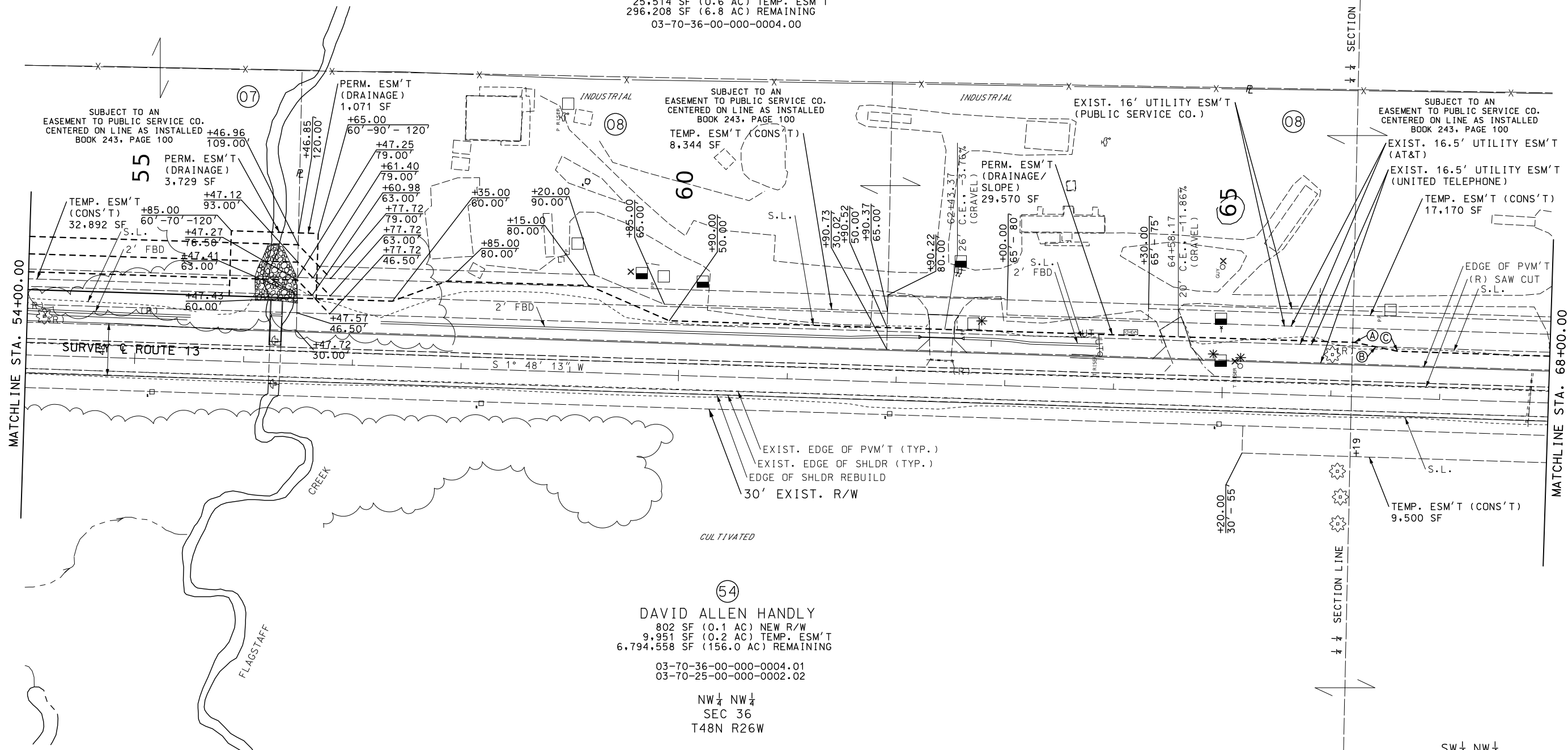
08

UDC USA, INC

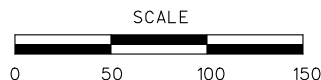
651 SF (0.1 AC) PERM. ESM'T (UTILITY - UNITED TELEPHONE)
554 SF (0.1 AC) PERM. ESM'T (UTILITY - AT&T)
545 SF (0.1 AC) PERM. ESM'T (UTILITY - PUBLIC SERVICE CO.)
1,071 SF (0.1 AC) PERM. ESM'T (DRAINAGE)
29,564 SF (0.7 AC) PERM. ESM'T (DRAINAGE/SLOPE)
25,514 SF (0.6 AC) TEMP. ESM'T
296,208 SF (6.8 AC) REMAINING
03-70-36-00-000-0004.00

A +20.00, 50.00' PERM. ESM'T (DRAINAGE/SLOPE)
B +40.00, 46.50' PERM. ESM'T (DRAINAGE/SLOPE)
C +60.00, 43.00' PERM. ESM'T (DRAINAGE/SLOPE)

SE 1/4 NW 1/4
SEC 36
T48N R26W



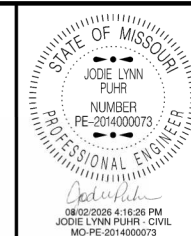
NOTE:
* RELOCATE UTILITIES BY OTHERS
PARCEL #54: FIELD DRAIN TILES NOT LOCATED BY SURVEY, DO NOT DISTURB.



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

SW 1/4 NW 1/4
SEC 36
T48N R26W

RIGHT OF WAY SHEET
SHEET 12 OF 36



DATE PREPARED
7/31/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 88

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

DATE

DATE

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DATE

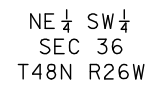
DATE

DATE

DATE

DATE

DATE



PASTURE

DAVIS L & CAROL J
DENNIS TRUST

18,171 SF (0.4 AC) NEW R/W
 (INCL. 697 SF IN EXIST. PERM. ESM'T (UTILITY - PWS DIST. #1))
 1,600 SF (0.1 AC) PERM. ESM'T (UTILITY - PWS DIST. #1)
 6,101 SF (0.1 AC) TEMP. ESM'T
 6,951,429 SF (159.6 AC) REMAINING
 03-70-36-00-000-0005.00

STA. 79+61 TO STA. 81+00 RT
REMOVE FENCE 175 LF
STA. 106+09 TO STA. 106+12 RT
REMOVE FENCE 35 LF
STA. 79+55 TO STA. 86+60 LT
REMOVE FENCE 784 LF

SUBJECT TO A
40' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 2472, PAGE 21

90

59

MATCHLINE STA. 82+00.00

MATCHLINE STA. 96+00.00

TEMP. ESM'T (CONS'T)
5.061 SF
NEW R/W LINE
S.L. *
2' FBD *
EDGE OF PVM'T
(R) SAW CUT

EXIST. EDGE OF PVM'T
EXIST. EDGE OF SHLDR
EDGE OF SHLDR REBUILD
30' EXIST. R/W
EXIST. 40' UTILITY
ESM'T (PWS DIST. #1)

SURVEY & ROUTE 13

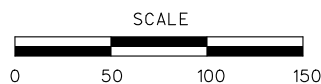
S 1° 50' 36" W

P.E., 0.94% (GRAVEL)

PASTURE

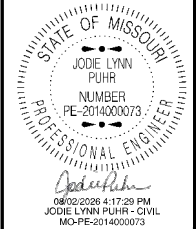
NE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 36
T48N R26W

PASTURE



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

RIGHT OF WAY SHEET
SHEET 14 OF 36



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 90

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MISSOURI PUBLIC SERVICE CO. EASEMENT
APPROX. 2' WEST OF FENCE IN 1929
BOOK 243, PAGE 136

RIGHT OF WAY SHEET
SHEET 15 OF 36



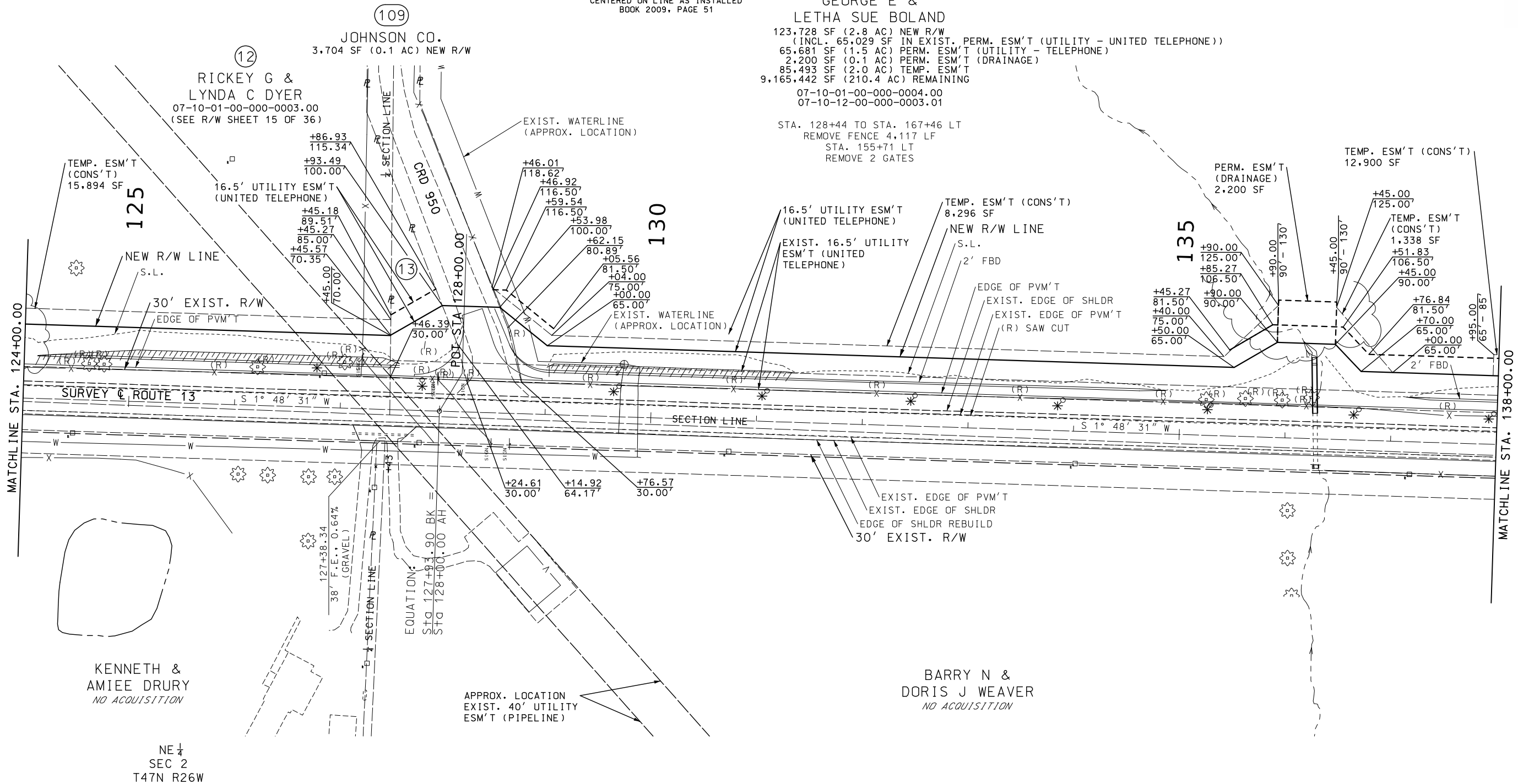
NW 1/4
SEC 1
T47N R26W

PASTURE

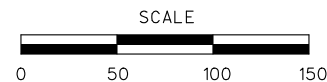
SUBJECT TO A
40' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 2009, PAGE 51

NW 1/4 SW 1/4
SEC 1
T47N R26W

PASTURE



NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

NE 1/4 SE 1/4
SEC 2
T47N R26W

RIGHT OF WAY SHEET
SHEET 17 OF 36

STATE OF MISSOURI

JOE LYNN FUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/02/2025 4:18:50 PM

JOE LYNN FUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

93

COUNTY

LAFAJETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

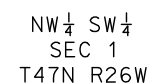
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



PASTURE

SUBJECT TO A
40' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 2009, PAGE 51

SW $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 1
T47N R26W

PASTURE

(13)
 GEORGE E &
 LETHA SUE BOLAND
 07-10-01-00-000-0004.00
 (SEE R/W SHEET 17 OF 36)

145

NEW R/W LINE
S.L.
12' FBD

150

/TEMP. ESM'T (CONS'T)
/62,959 SF

MATCHLINE STA. 138+00.00

MATCHLINE STA. 152+00.00

(93)

RHONDA G BERG

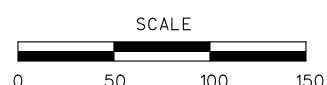
1,539 SF (0.1 AC) NEW R/W
(INCL. 1,003 SF IN EXIST. PERM. ESM'T (UTILITY - PWS DIST. #1))
(INCL. 134 SF IN EXIST. PERM. ESM'T (UTILITY - PUBLIC SERVICE CO.))
1,353 SF (0.1 AC) PERM. ESM'T (UTILITY - PWS DIST. #1)
160 SF (0.1 AC) PERM. ESM'T (UTILITY - PUBLIC SERVICE CO.)
2,080 SF (0.1 AC) TEMP. ESM'T
11,197,737 SF (257.1 AC) REMAINING

07-10-02-00-000-0011.00
07-10-11-00-000-0001.00

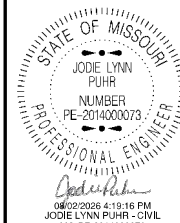
SE $\frac{1}{4}$ SE $\frac{1}{4}$
SEC 2
T47N R26W

RIGHT OF WAY SHEET
SHEET 18 OF 36

NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.



DATE PREPARED

DATE PREPARED
7/31/202

ROUTE	ST
12	M

13	M
DISTRICT	SHEET

KC	9
----	---

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
1152222

14P2333
CONTRACT ID

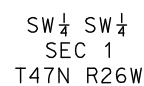
Table 1

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



NW $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 12
T47N R26W

(13)
 GEORGE E &
 LETHA SUE BOLAND
 07-10-12-00-000-0003.01
 (SEE R/W SHEET 18 OF 36)

STATE OF MISSOURI

JODIE LYNN
PUHF

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

Jodie Lynn Puhf

08/02/2026 4:19:49 PM
JODIE LYNN PUHF - CIVIL
MO, SE 2014000073

DATE PREPARED
7/31/2026

ROUTE	STAT
13	MC

DISTRICT	SHEET
KC	95

COUNTY
LAFAYETTE / JOHN

JOB NO.
14P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

NE $\frac{1}{4}$ NE $\frac{1}{4}$
SEC 11
T47N R26W

RIGHT OF WAY SHEET
SHEET 19 OF 36

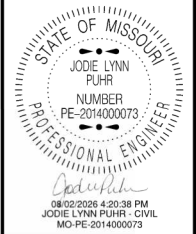
SW 1/4
SEC 12
T47N R26W

(15)

DAY FAMILY TRUST
(SEE R/W SHEET 22 OF 36)

SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 638, PAGE 100

AND
AGREEMENT IN BOOK 3096, PAGE 254
ALLOWS FOR EASEMENTS SHOWN ON
RECORDED PLAT
(NO PLAT FOUND)



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 97
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

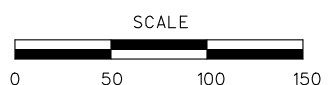
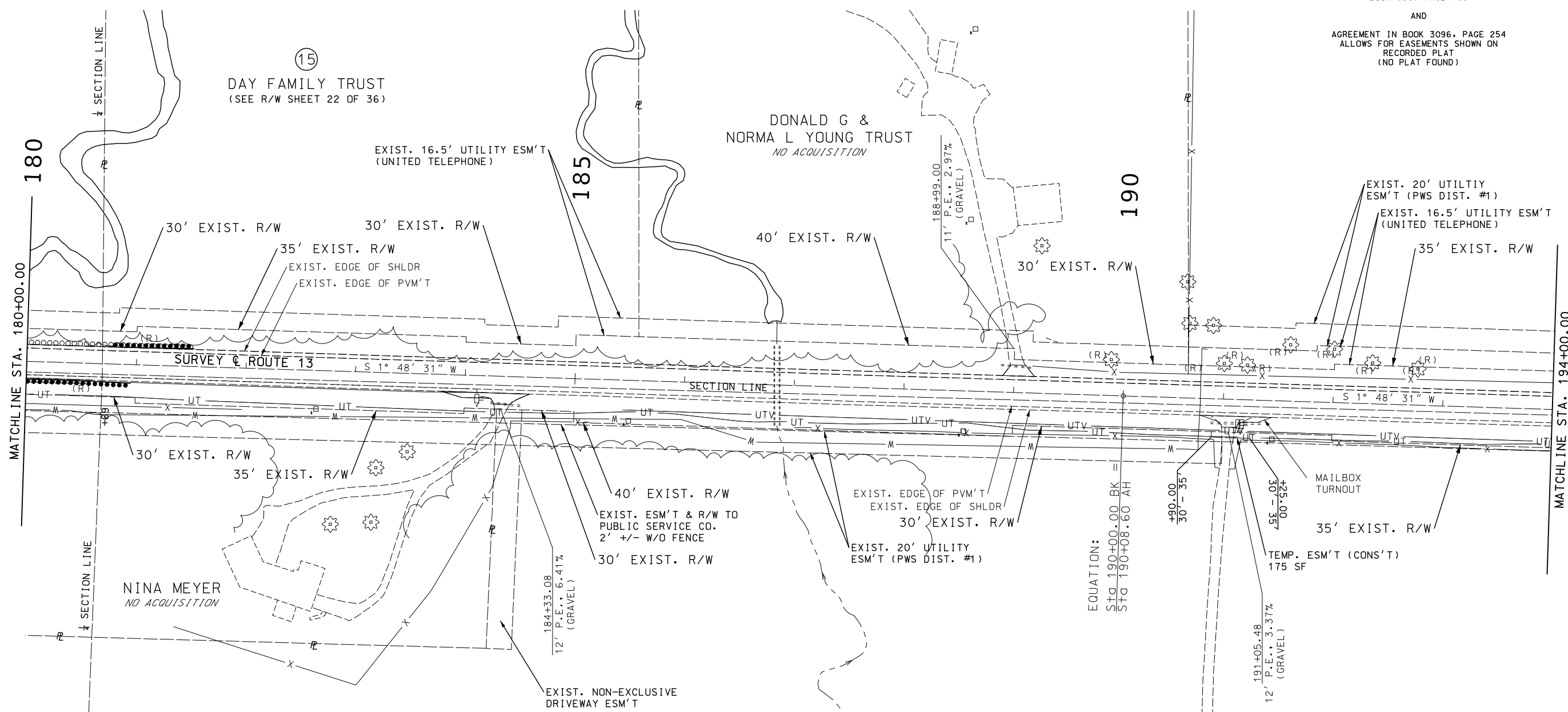
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

DONALD G &
NORMA L YOUNG TRUST
NO ACQUISITION

(56)
CANDACE K &
STEPHEN L ROBERTSON
(SEE R/W SHEET 22 OF 36)

SE 1/4
SEC 11
T47N R26W

RIGHT OF WAY SHEET
SHEET 21 OF 36



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.



SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 638, PAGE 100

AND
AGREEMENT IN BOOK 3096, PAGE 254
ALLOWS FOR EASEMENTS SHOWN ON
RECORDED PLAT
(NO PLAT FOUND)

STA. 190+67 TO STA. 205+11 LT
REMOVE FENCE 1,451 LF

15
DAY FAMILY TRUST

SW 1/4
SEC 12
T47N R26W

30,926 SF (0.7 AC) NEW R/W
(INCL. 16,075 SF IN EXIST. PERM. ESM'T (UTILITY - UNITED TELEPHONE))
(INCL. 12,095 SF IN EXIST. PERM. ESM'T (UTILITY - PWS DIST. #1))
15,977 SF (0.4 AC) PERM. ESM'T (UTILITY - UNITED TELEPHONE)
18,638 SF (0.4 AC) PERM. ESM'T (UTILITY - PWS DIST. #1)
7,159 SF (0.2 AC) PERM. ESM'T (DRAINAGE)
9,839 SF (0.2 AC) TEMP. ESM'T
6,496,104 SF (149.1 AC) REMAINING

07-10-12-00-000-0007.00
07-10-12-00-000-0007.01
07-10-12-00-000-0010.00
07-10-12-00-000-0011.01

15
0010.00

200

EXIST. 50' NON-EXCLUSIVE ESM'T
SUBJECT TO 20' UTILITY ESM'T
(PWS DIST. #1)

SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 638, PAGE 275

15
0011.01

TEMP. ESM'T (CONS'T)
6,517 SF

205

TEMP.
ESM'T
(CONS'T)
3,909 SF

MATCHLINE STA. 194+00.00

MATCHLINE STA. 208+00.00

SURVEY & ROUTE 13

SECTION LINE

SECTION LINE

SECTION LINE

SECTION LINE

SECTION LINE

SECTION LINE

SECTION LINE

SECTION LINE

35' EXIST. R/W

30' EXIST. R/W

EXIST. ESM'T & R/W TO
PUBLIC SERVICE CO.
2' +/- W/O FENCE

NEW R/W LINE

EXIST. EDGE OF PVM'T (TYP.)
EXIST. EDGE OF SHLDR (TYP.)

EDGE OF PVM'T

NEW R/W LINE

TEMP. ESM'T (CONS'T)
3,745 SF

STA. 197+50 TO STA. 201+06 RT
REMOVE FENCE 506 LF

56

CANDACE K &
STEPHEN L ROBERTSON

8,800 SF (0.2 AC) NEW R/W
(INCL. 3,615 SF IN EXIST. PERM. ESM'T (UTILITY - PUBLIC SERVICE CO.))
3,065 SF (0.1 AC) PERM. ESM'T (UTILITY - PUBLIC SERVICE CO.)
3,920 SF (0.1 AC) TEMP. ESM'T
4,926,548 SF (113.1 AC) REMAINING

07-10-11-00-000-0035.00

EXIST. 8'
UTILITY
ESM'T

STA. 201+05 TO STA. 201+07 RT
REMOVE FENCE 37 LF

TEMP. ESM'T
(CONS'T)
6,482 SF

57

SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 615, PAGE 156

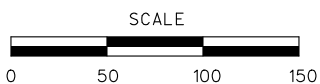
JOHN C &
DAVID D MCCANNON

26,454 SF (0.6 AC) NEW R/W
(INCL. 2,720 SF EXIST. PERM. (UTILITY - PUBLIC SERVICE CO. ESM'T))
(INCL. 332 SF EXIST. PERM. UTILITY ESM'T)
3,489 SF (0.1 AC) EXIST. PERM. ESM'T (UTILITY - PUBLIC SERVICE CO.)
6,482 SF (0.1 AC) TEMP. ESM'T
214,433 SF (4.9 AC) REMAINING

07-10-11-00-000-0034.00
07-10-11-00-000-0033.00

- (A) +89.72, 115.67'
(B) +89.68, 118.66'
(C) +89.35, 148.60'
(D) +89.08, 173.30'

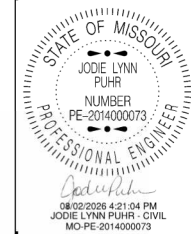
NOTE:
* RELOCATE UTILITIES BY OTHERS
RELOCATE BY OTHERS - EXIST. SEPTIC LINE & TANK



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

SE 1/4
SEC 11
T47N R26W

RIGHT OF WAY SHEET
SHEET 22 OF 36



DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
98

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

DATE

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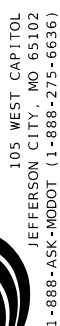
DATE

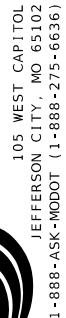
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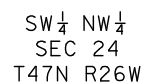
DATE

DATE

TABLE 1. *Continued*

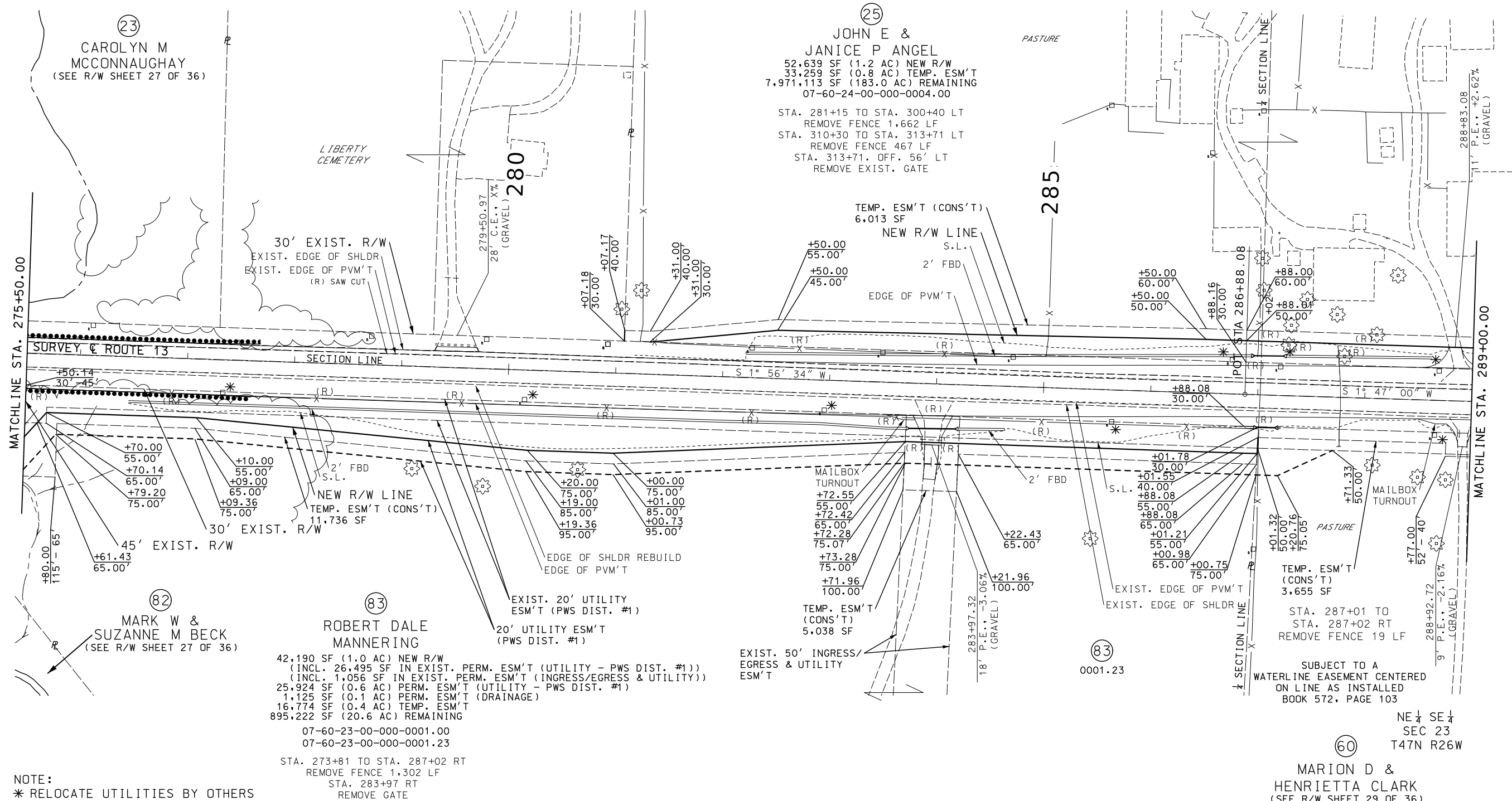




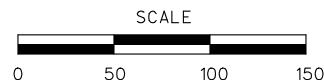


LIBERTY BAPTIST
CHURCH
NO ACQUISITION

NW $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 24
T47N R26W



NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

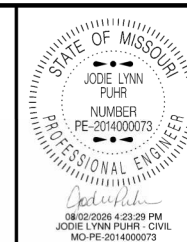
NE $\frac{1}{4}$
SEC 23
T47N R26W

NE $\frac{1}{4}$ SE $\frac{1}{4}$
SEC 23
T47N R26W

(60)

MARION D &
HENRIETTA CLARK
(SEE R/W SHEET 29 OF 36)

RIGHT OF WAY SHEET
SHEET 28 OF 36



DATE PREPARED
7/31/202

ROUTE	ST
13	M

DISTRICT	SHEET
KC	1

COUNTY
LA FAYETTE / JOH

JOB NO.
14P2333

CONTRACT ID

PROJECT NO. _____

BRIDGE NO. _____

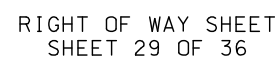
[illegible]

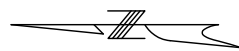
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102







SW 1/4 SW 1/4
SEC 24
T47N R26W

NW 1/4 NW 1/4
SEC 25
T47N R26W

(26)
JOHN E &
JANICE P ANGEL
(SEE R/W SHEET 29 OF 36)

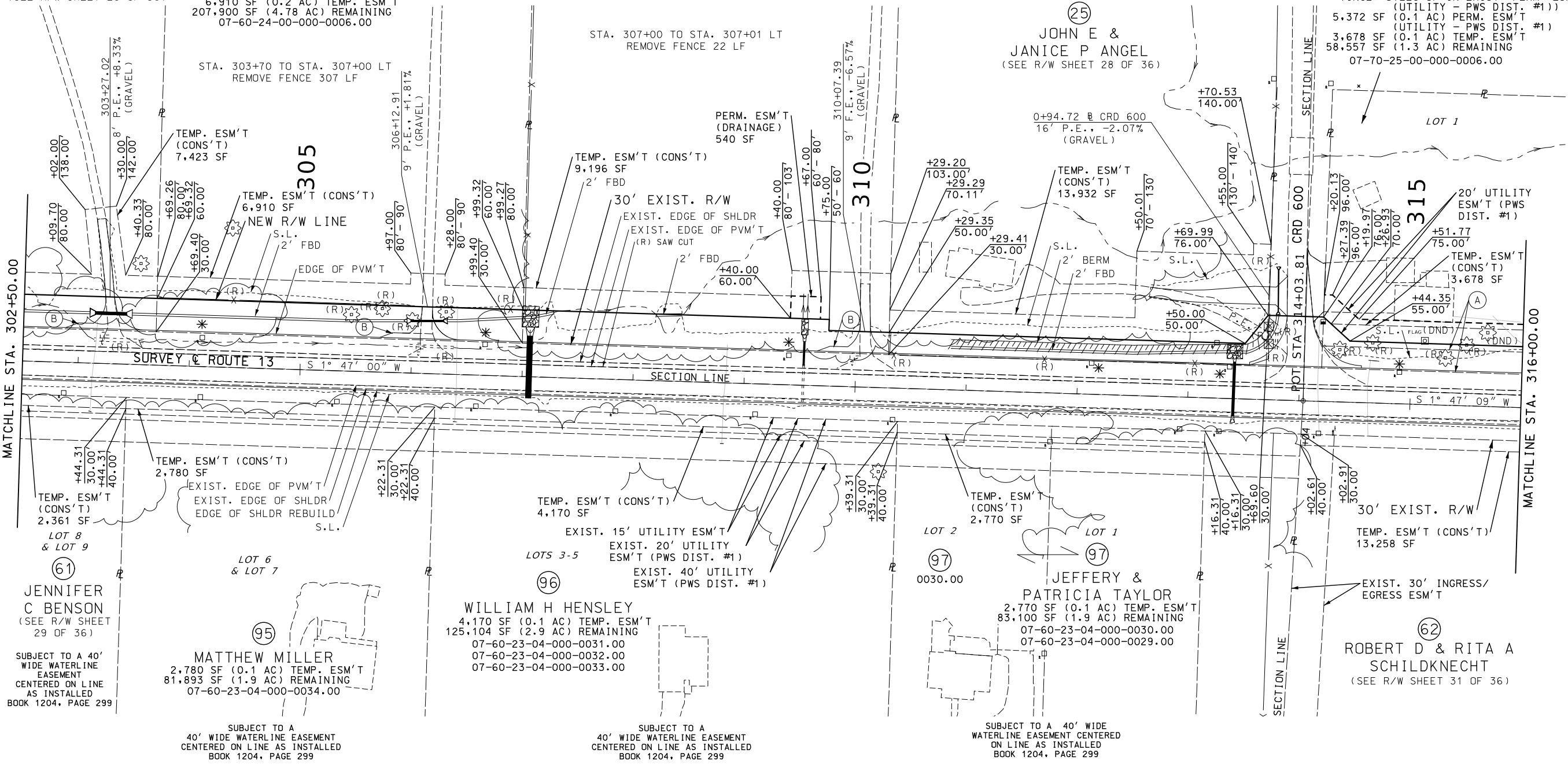
(27)
MARK C BOLIN
9,900 SF (0.2 AC) R/W
6,910 SF (0.2 AC) TEMP. ESM'T
207,900 SF (4.78 AC) REMAINING
07-60-24-00-000-0006.00

(28)
DAVID & F CAROL
CASTANER
9,357 SF (0.2 AC) NEW R/W
540 SF (0.1 AC) PERM. ESM'T
8,656 SF (0.2 AC) TEMP. ESM'T
208,443 SF (4.8 AC) REMAINING
07-60-24-00-000-0007.00

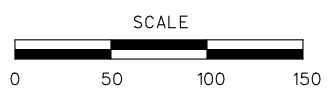
(114)
JOHNSON CO.
2,300 SF (0.1 AC) NEW R/W

(29)
CHRISTOPHER
GALLAGHER
6,783 SF (0.2 AC) NEW R/W
(INCL. 5,220 SF IN EXIST. PERM. ESM'T
(UTILITY - PWS DIST. #1))
5,372 SF (0.1 AC) PERM. ESM'T
(UTILITY - PWS DIST. #1)
3,678 SF (0.1 AC) TEMP. ESM'T
58,557 SF (1.3 AC) REMAINING
07-70-25-00-000-0006.00

(25)
JOHN E &
JANICE P ANGEL
(SEE R/W SHEET 28 OF 36)



NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

SE 1/4 SE 1/4
SEC 23
T47N R26W

(A) EXIST. 20' UTILITY ESM'T (PWS DIST. #1)
(B) MAILBOX TURNOUT

N 1/2 NE 1/4
SEC 26
T47N R26W
RIGHT OF WAY SHEET
SHEET 30 OF 36

STATE OF MISSOURI
JODIE LYNN
PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/22/2025 4:24:34 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
106

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

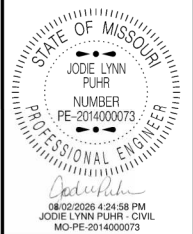
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



NW 1/4 NW 1/4
SEC 25
T47N R26W

SW 1/4 NW 1/4
SEC 25
T47N R26W



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 107
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

29
CHRISTOPHER
GALLAGHER
(SEE R/W SHEET 30 OF 36)

30
JOSHUA HICKS
8,750 SF (0.2 AC) NEW R/W
(INCL. 7,000 SF IN EXIST. PERM. ESM'T (UTILITY - PWS DIST. #1))
7,000 SF (0.2 AC) PERM. ESM'T (UTILITY - PWS DIST. #1)
7,051 SF (0.2 AC) TEMP. ESM'T
78,370 SF (1.8 AC) REMAINING
07-70-25-00-000-0007.00

31
MICHAEL A &
PATRICIA S ROBERTS
10,826 SF (0.3 AC) NEW R/W
(INCL. 10,605 SF IN EXIST. PERM. ESM'T (UTILITY - PWS DIST. #1))
10,647 SF (0.3 AC) PERM. ESM'T (UTILITY - PWS DIST. #1)
2,756 SF (0.1 AC) PERM. ESM'T (DRAINAGE)
11,840 SF (0.3 AC) TEMP. ESM'T
162,107 SF (3.7 AC) REMAINING
07-70-25-00-000-0008.00

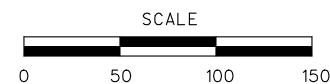
32
THOMAS W &
KELLY R HOBBS
(SEE R/W SHEET 32 OF 36)

62
ROBERT D & RITA A
SCHILDKNECHT
14,305 SF (0.3 AC) NEW R/W
13,258 SF (0.3 AC) TEMP. ESM'T
2,658,537 SF (61.0 AC) REMAINING
07-70-26-00-000-0001.00

63
PATRICK V
SULLIVAN
(SEE R/W SHEET 32 OF 36)

115
JOHNSON COUNTY
6,140 SF (0.1 AC) NEW R/W

NOTE:
* RELOCATE UTILITIES BY OTHERS



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

N 1/2 NE 1/4
SEC 26
T47N R26W

- (A) EXIST. 20' UTILITY ESM'T
- (B) EXIST. 40' UTILITY ESM'T (PWS DIST. #1)
- (C) 20' UTILITY ESM'T
- (D) 40' UTILITY ESM'T (PWS DIST. #1)

S 1/2 NE 1/4
SEC 26
T47N R26W

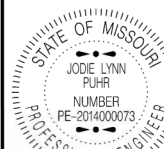
RIGHT OF WAY SHEET
SHEET 31 OF 36



SW 1/4 NW 1/4
SEC 25
T47N R26W

PASTURE

NW 1/4 SW 1/4
SEC 25
T47N R26W



DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
108

COUNTY
LAFAJETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

STATE OF MISSOURI

JODIE LYNN PUGH

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:25:23 PM

JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

108

COUNTY

LAFAJETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

STATE OF MISSOURI

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NUMBER
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PROFESSIONAL ENGINEER

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JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

108

COUNTY

LAFAJETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

STATE OF MISSOURI

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JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

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108

COUNTY

LAFAJETTE / JOHNSON

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J4P2333

CONTRACT ID.

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BRIDGE NO.

DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

STATE OF MISSOURI

JODIE LYNN PUGH

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JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

108

COUNTY

LAFAJETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

STATE OF MISSOURI

JODIE LYNN PUGH

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:25:23 PM

JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

108

COUNTY

LAFAJETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

STATE OF MISSOURI

JODIE LYNN PUGH

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:25:23 PM

JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

108

COUNTY

LAFAJETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

STATE OF MISSOURI

JODIE LYNN PUGH

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:25:23 PM

JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

108

COUNTY

LAFAJETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

STATE OF MISSOURI

JODIE LYNN PUGH

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:25:23 PM

JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

108

COUNTY

LAFAJETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

STATE OF MISSOURI

JODIE LYNN PUGH

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:25:23 PM

JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

108

COUNTY

LAFAJETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

STATE OF MISSOURI

JODIE LYNN PUGH

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:25:23 PM

JODIE LYNN PUGH - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

108

40

BRADLEY L &
HOLLY E BELANGER
3,945 SF (0.1 AC) NEW R/W
(INCL. 3,945 SF IN EXIST. PERM. ESM'T
(UTILITY - PWS DIST. #1))
4,319 SF (0.1 AC) PERM. ESM'T
(UTILITY - PWS DIST. #1)
3,945 SF (0.1 AC) TEMP. ESM'T
170,295 SF (3.9 AC) REMAINING
07-70-25-00-000-0017.00

41

HEAPER-HAYES,
HOPE
5,659 SF (0.1 AC) NEW R/W
(INCL. 5,133 SF IN EXIST. PERM. ESM'T
(UTILITY - PWS DIST. #1))
5,941 SF (0.2 AC) PERM. ESM'T
(UTILITY - PWS DIST. #1)
2,857 SF (0.1 AC) PERM. ESM'T (DRAINAGE)
6,354 SF (0.2 AC) TEMP. ESM'T
212,141 SF (4.9 AC) REMAINING
07-70-25-00-000-0018.00

42

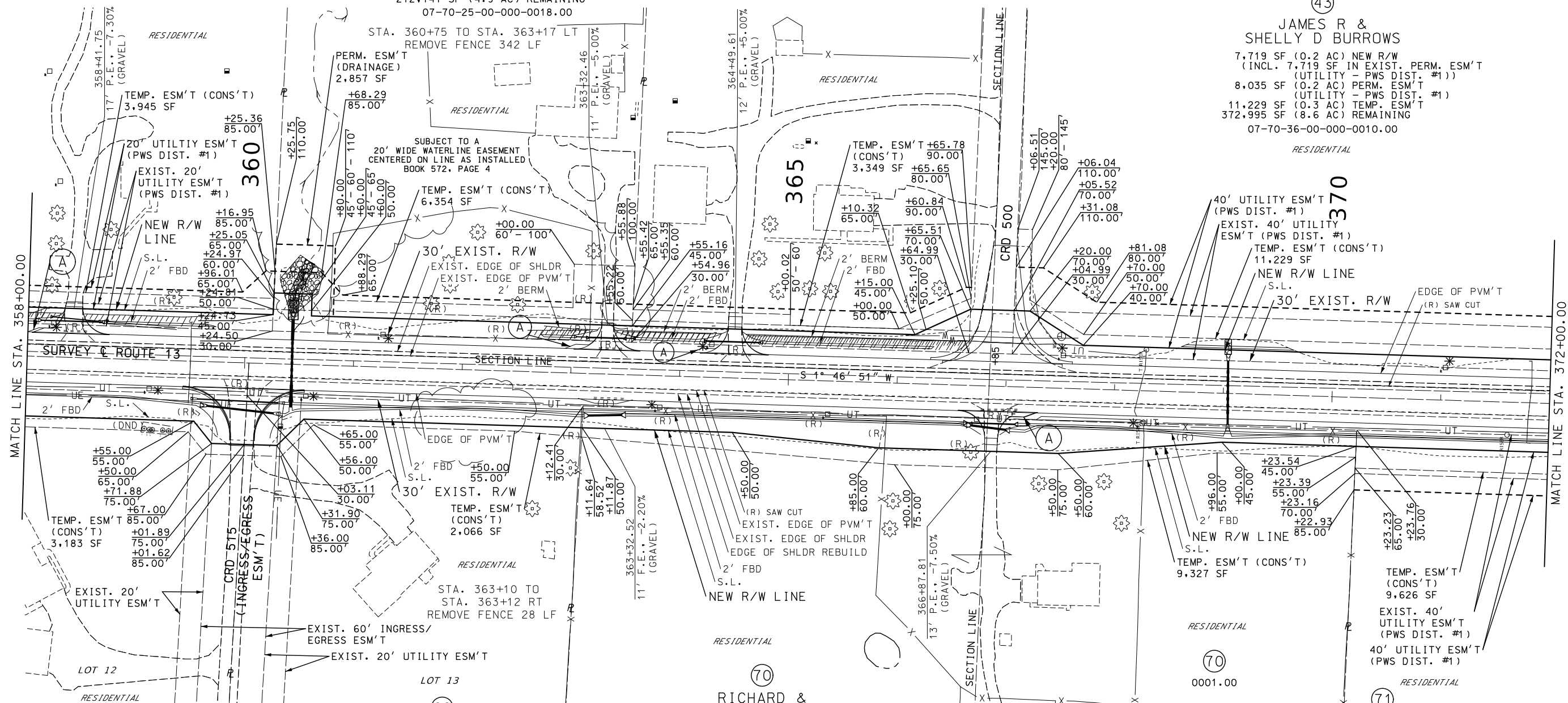
BRYON W & NANCE
L MILES BURDEN
5,278 SF (0.1 AC) NEW R/W
(INCL. 4,876 SF IN EXIST. PERM. ESM'T (UTILITY - PWS DIST. #1))
5,000 SF (0.1 AC) PERM. ESM'T (UTILITY - PWS DIST. #1)
3,349 SF (0.1 AC) TEMP. ESM'T
212,522 SF (4.9 AC) REMAINING
07-70-25-00-000-0019.00
SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 572, PAGE 4
JOHNSON COUNTY
1,600 SF (0.1 AC) NEW R/W

NW 1/4 NW 1/4
SEC 36
T47N R26W

SUBJECT TO A
40' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
ALONG SOUTH SIDE OF NE 500 ROAD
BOOK 2847, PAGE 74

43

JAMES R &
SHELLY D BURROWS
7,719 SF (0.2 AC) NEW R/W
(INCL. 7,719 SF IN EXIST. PERM. ESM'T
(UTILITY - PWS DIST. #1))
8,035 SF (0.2 AC) PERM. ESM'T
(UTILITY - PWS DIST. #1)
11,229 SF (0.3 AC) TEMP. ESM'T
372,995 SF (8.6 AC) REMAINING
07-70-36-00-000-0010.00



68

HANK &
JENNIFER
BORGHARDT
(SEE R/W SHEET
33 OF 36)

69

JEFFERSON GLENN
& JANA L MILLER
7,229 SF (0.2 AC) NEW R/W
(INCL. 1,350 SF IN EXIST. PRIVATE RDWY ESM'T)
(INCL. 687 SF IN EXIST. UTILITY ESM'T)
2,066 SF (0.1 AC) TEMP. ESM'T
97,315 SF (2.2 AC) REMAINING
07-70-26-00-000-0027.00

70

RICHARD &
BRENDA DOOLEY
16,312 SF (0.4 AC) NEW R/W
9,327 SF (0.2 AC) TEMP. ESM'T
680,648 SF (15.6 AC) REMAINING
07-70-26-00-000-0026.00
07-70-35-00-000-0001.00

A

MAILBOX TURNOUT

STA. 368+27 TO STA. 370+24 RT
REMOVE FENCE 262 LF

70

0001.00

71

RICKY J BRISCOE
7,222 SF (0.2 AC) NEW R/W
(INCL. 7,222 SF IN EXIST. PERM. ESM'T
(UTILITY - PWS DIST. #1))
7,216 SF (0.2 AC) PERM. ESM'T
(UTILITY - PWS DIST. #1)
9,626 SF (0.2 AC) TEMP. ESM'T
2,606,378 SF (59.7 AC) REMAINING
07-70-35-00-000-0002.00

NE 1/4 NE 1/4
SEC 35
T47N R26W

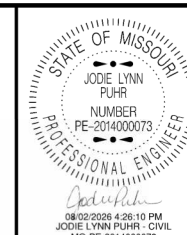
RIGHT OF WAY SHEET
SHEET 34 OF 36



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

SE 1/4
SEC 26
T47N R26W

NOTE:
* RELOCATE UTILITIES BY OTHERS



DATE PREPARED
7/31/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 110

COUNTY LAFAYETTE / JOHNSON

JOB NO. J3P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

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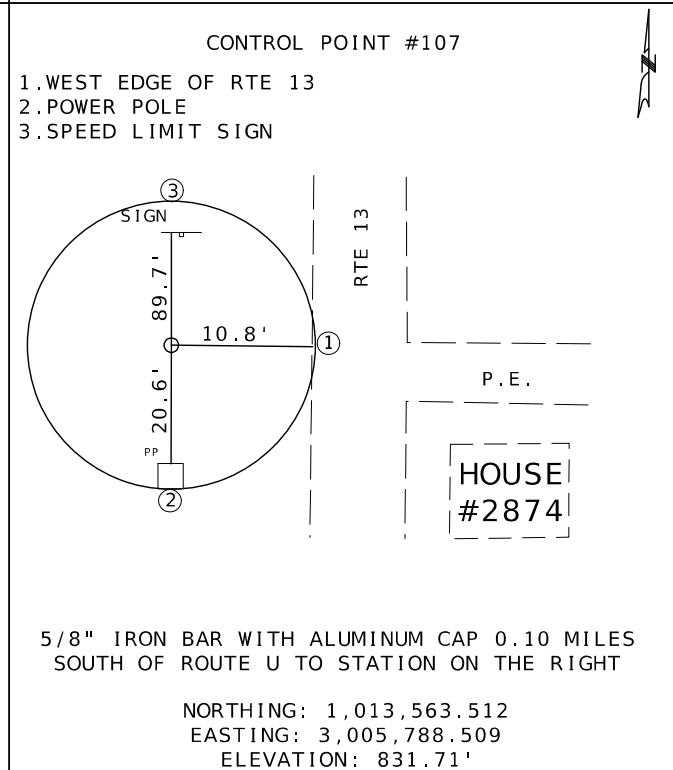
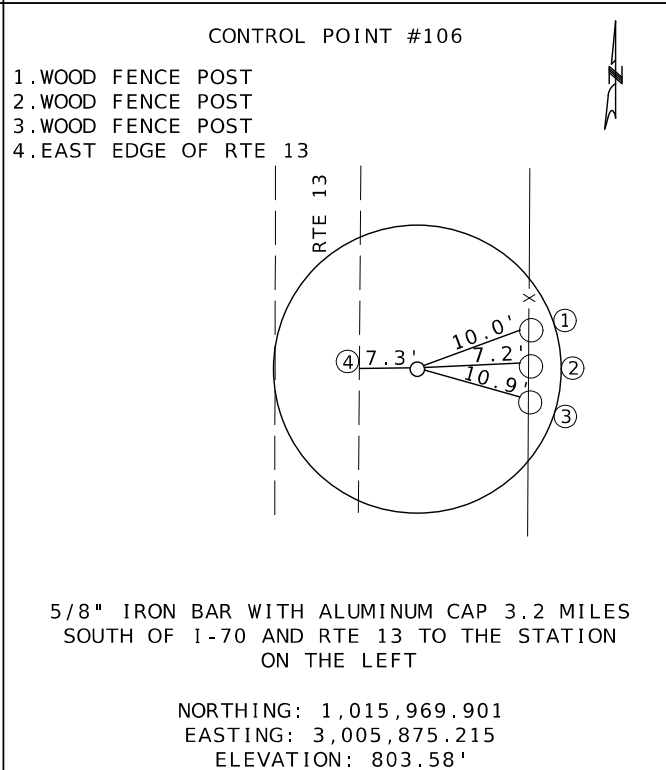
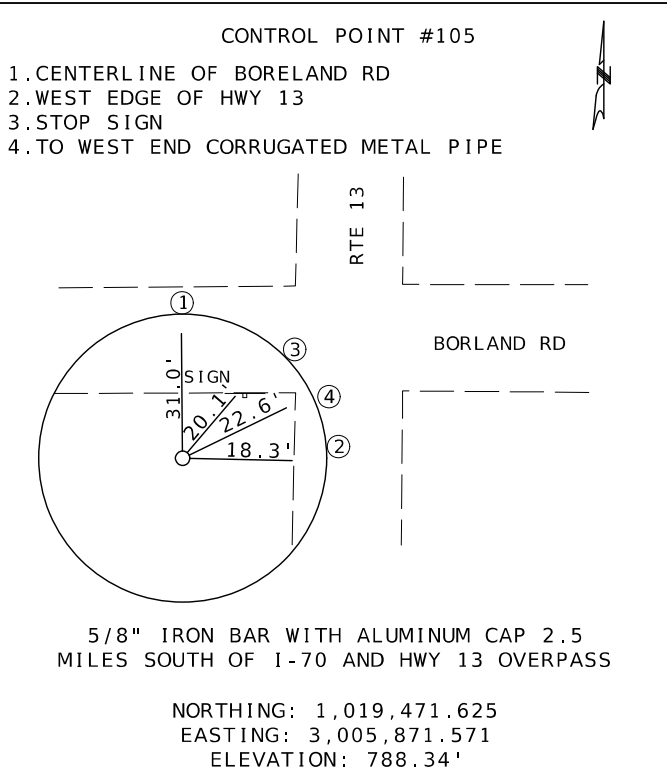
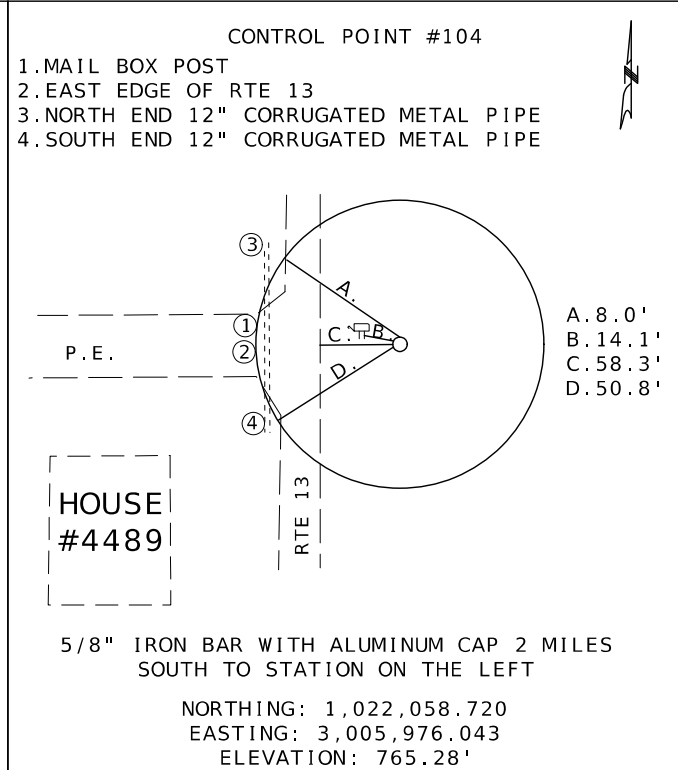
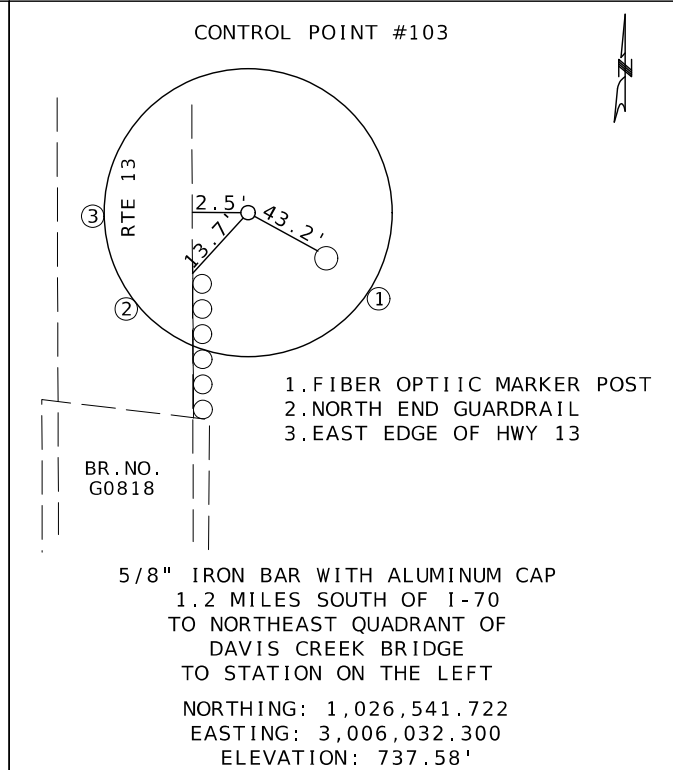
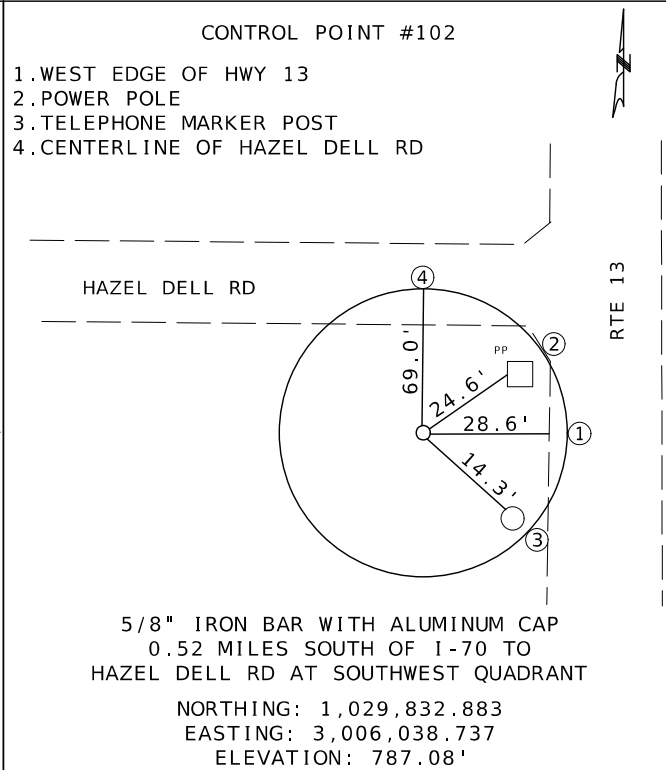
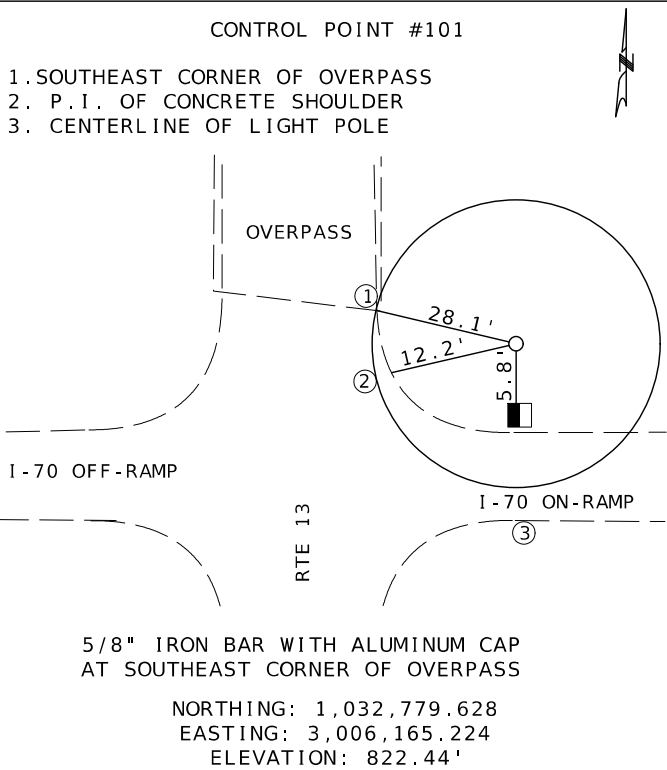
DATE

DATE

DATE

DATE

DATE



STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/02/2026 4:27:43 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
113

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

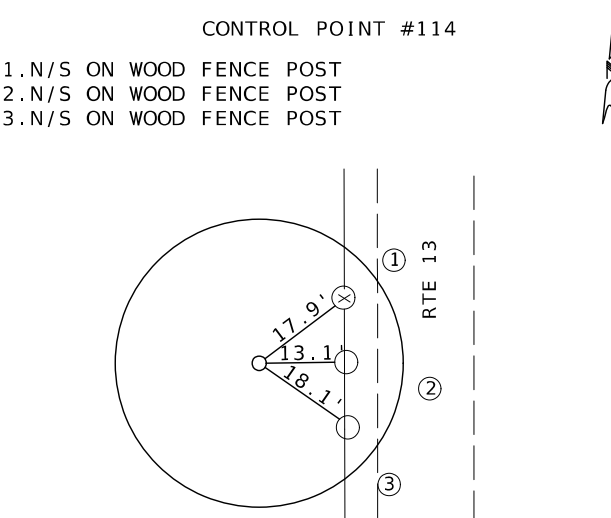
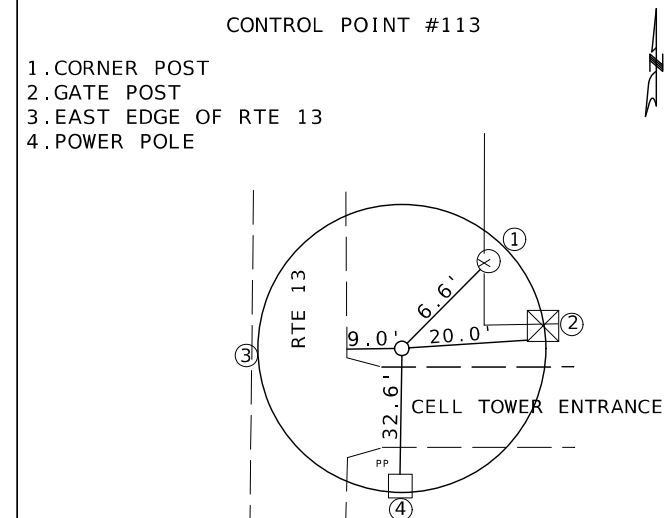
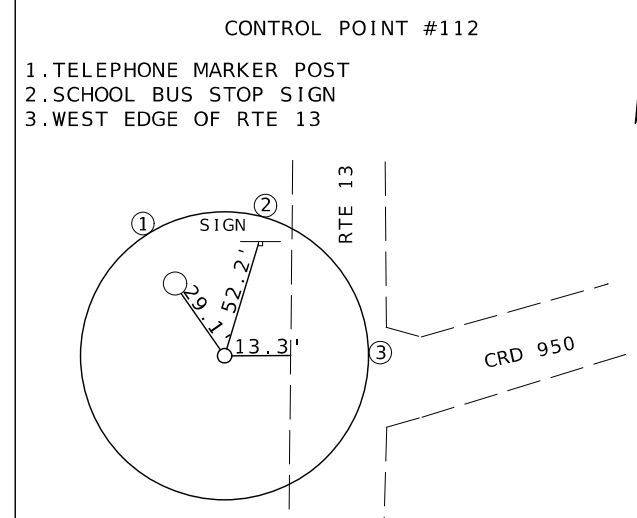
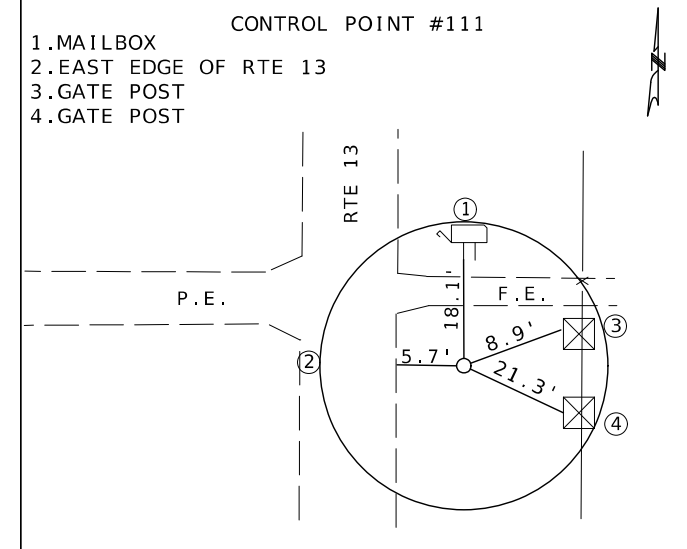
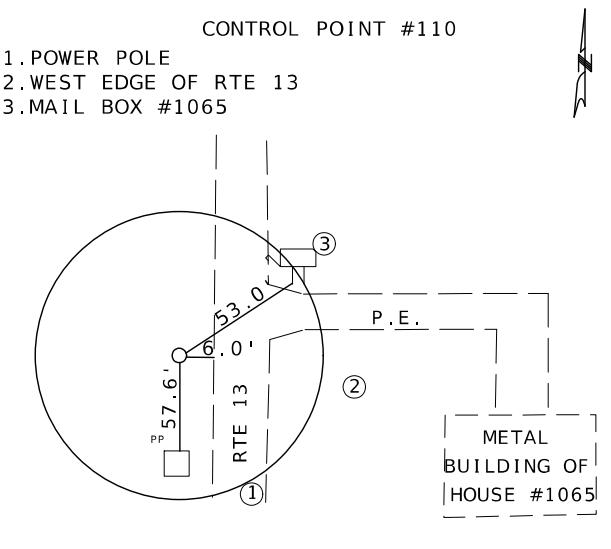
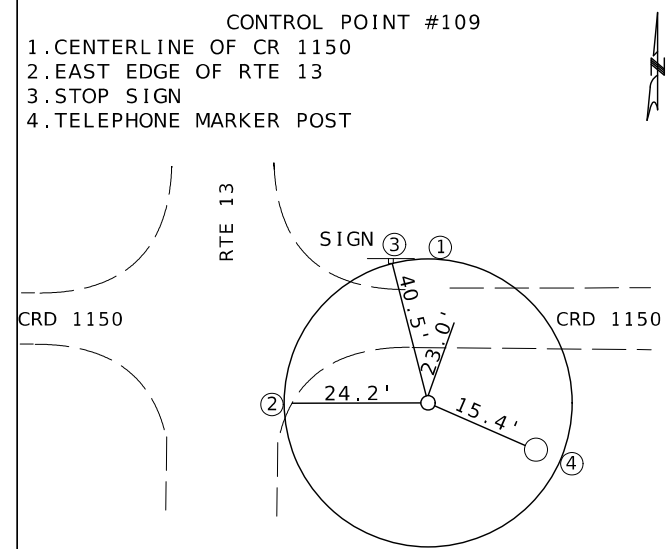
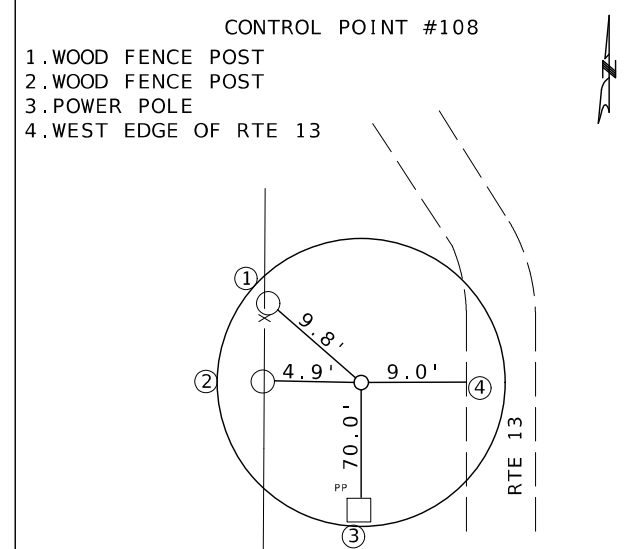
BRIDGE NO.

DESCRIPTION

DATE

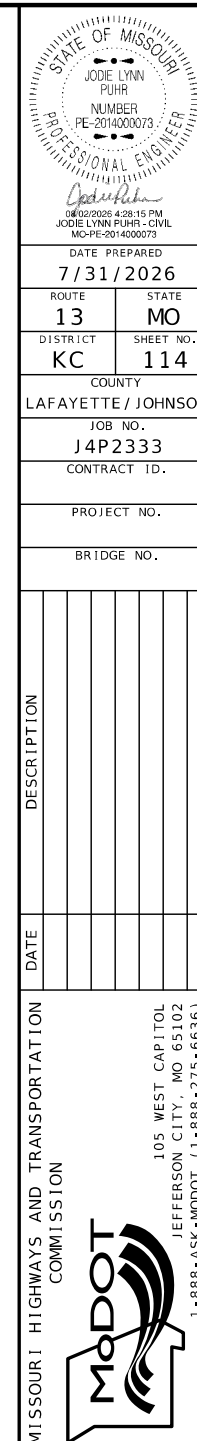
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

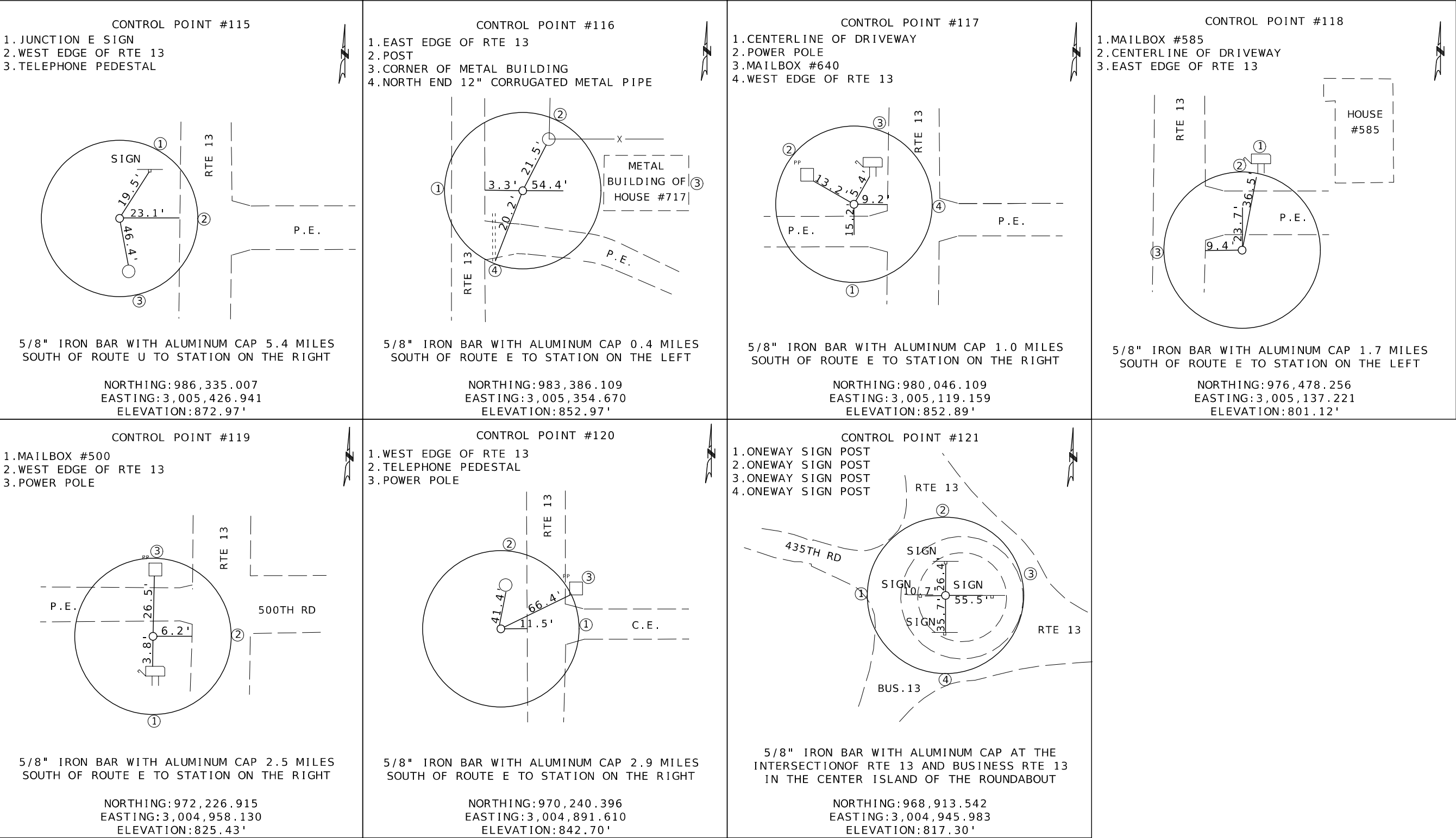
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



REFERENCE POINT
SHEET
SHEET 2 OF 3

NOTE:
N/S = NAIL AND SHINER





STATE OF MISSOURI
JODIE LYNN
PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/02/2026 4:28:37 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
115

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

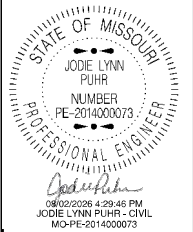

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PROJECT COORDINATE INFORMATION		
COORDINATE SYSTEM	MODIFIED STATE PLANE (GROUND)	
HORIZONTAL DATUM	NAD83	
VERTICAL DATUM	NAVD88	
GEOID MODEL	GEOID09	
ELEVATIONS DETERMINED BY	GPS OBSERVATION	
PROJECT PROJECTION FACTOR	1.00004008	
REFERENCE CONTROL INFORMATION		
COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983	
CONTROL STATION	MO GEOGRAPHIC REFERENCE SYSTEM	
DESIGNATION	LF-17	
CORS_ID	XX	
PID	107017	
LATITUDE	38°58'09.789077	
LONGITUDE	93°42'45.910746	
NORTHING (M)	311345.7270	
EASTING (M)	918222.1960	
ZONE	WEST	
PROJECT AVERAGE GRID FACTOR	0.99995993	
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 #101		
N 1,032,779.628 X 0.99995993 = N 1,032,738.245		
E 3,006,165.224 X 0.99995993 = E 3,006,044.767		
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
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	
PROJECT CONTROL POINTS							
	263+13.40	SURVEY Ɔ RTE 13	36.30 LT	1,032,779.628	3,006,165.224	822.44	CONTROL POINT #101
	292+66.17	SURVEY Ɔ RTE 13	44.71 RT	1,029,832.883	3,006,038.737	787.08	CONTROL POINT #102
	325+29.90	SURVEY Ɔ RTE 13	16.71 LT	1,026,541.722	3,006,032.300	737.58	CONTROL POINT #103
	370+13.26	SURVEY Ɔ RTE 13	30.16 LT	1,022,058.720	3,005,976.043	765.28	CONTROL POINT #104
	396+01.59	SURVEY Ɔ RTE 13	34.29 RT	1,019,471.625	3,005,871.571	788.34	CONTROL POINT #105
	431+02.92	SURVEY Ɔ RTE 13	23.51 LT	1,015,969.901	3,005,875.215	803.58	CONTROL POINT #106
	455+10.24	SURVEY Ɔ RTE 13	26.29 RT	1,013,563.512	3,005,788.509	831.71	CONTROL POINT #107
	429+97.81	SURVEY Ɔ RTE 13	25.95 RT	1,009,850.889	3,006,182.977	865.58	CONTROL POINT #108
	26+79.53	SURVEY Ɔ RTE 13	40.27 LT	1,006,205.197	3,006,135.927	872.35	CONTROL POINT #109
	73+90.91	SURVEY Ɔ RTE 13	22.74 RT	1,001,498.111	3,005,924.657	856.67	CONTROL POINT #110
	95+56.06	SURVEY Ɔ RTE 13	21.30 LT	999,332.662	3,005,899.432	839.22	CONTROL POINT #111
	128+79.00	SURVEY Ɔ RTE 13	29.37 RT	996,023.969	3,005,743.593	875.59	CONTROL POINT #112
	155+55.19	SURVEY Ɔ RTE 13	25.39 LT	993,347.551	3,005,713.880	872.22	CONTROL POINT #113
	195+30.38	SURVEY Ɔ RTE 13	50.12 RT	989,385.263	3,005,513.202	864.55	CONTROL POINT #114
	226+17.89	SURVEY Ɔ RTE 13	39.19 RT	986,335.007	3,005,426.941	872.97	CONTROL POINT #115
	255+33.65	SURVEY Ɔ RTE 13	17.99 LT	983,386.109	3,005,354.670	852.97	CONTROL POINT #116
	288+76.88	SURVEY Ɔ RTE 13	24.74 RT	980,046.109	3,005,199.159	852.89	CONTROL POINT #117
	324+44.95	SURVEY Ɔ RTE 13	24.74 LT	976,478.256	3,005,137.221	801.12	CONTROL POINT #118
	366+99.80	SURVEY Ɔ RTE 13	22.44 RT	972,226.915	3,004,958.130	825.43	CONTROL POINT #119
	386+87.46	SURVEY Ɔ RTE 13	27.06 RT	970,240.396	3,004,891.610	842.70	CONTROL POINT #120
	400+10.19	SURVEY Ɔ RTE 13	90.23 LT	968,913.542	3,004,945.983	817.30	CONTROL POINT #121

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	MODIFIED STATE PLANE (GROUND)	
HORIZONTAL DATUM	NAD83	
VERTICAL DATUM	NAVD88	
GEOID MODEL	GEOID09	
ELEVATIONS DETERMINED BY	GPS OBSERVATION	
PROJECT PROJECTION FACTOR	1.00004008	
REFERENCE CONTROL INFORMATION		
COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983	
CONTROL STATION	MO GEOGRAPHIC REFERENCE SYSTEM	
DESIGNATION	LF-17	
CORS_ID	XX	
PID	107017	
LATITUDE	38°58'09.789077	
LONGITUDE	93°42'45.910746	
NORTHING (M)	311345.7270	
EASTING (M)	918222.1960	
ZONE	WEST	
PROJECT AVERAGE GRID FACTOR	0.99995993	
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 #101 N 1,032,779.628 X 0.99995993 = N 1,032,738.245 E 3,006,165.224 X 0.99995993 = E 3,006,044.767		
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
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	
ALIGNMENTS							
	256+73.19	SURVEY Ɔ RTE 13		1,033,420.399	3,006,138.794	820.14	BEGIN SURVEY Ɔ RTE 13
	281+00.00	SURVEY Ɔ RTE 13		1,030,993.878	3,006,101.366		EQUATION STA. BK
	281+04.36	SURVEY Ɔ RTE 13		1,030,993.878	3,006,101.366	742.08	H.P.I.
	292+72.80	SURVEY Ɔ RTE 13		1,029,825.580	3,006,083.346	781.79	H.P.I.
	307+92.40	SURVEY Ɔ RTE 13		1,028,279.266	3,006,043.775	763.31	H.P.I.
	308+19.62	SURVEY Ɔ RTE 13		1,028,279.266	3,006,043.775		EQUATION STA. BK
	330+20.26	SURVEY Ɔ RTE 13		1,026,051.698	3,006,007.641	737.83	H.P.I.
	448+70.94	SURVEY Ɔ RTE 13		1,014,202.435	3,005,824.360	825.97	H.P.I.
	465+93.17	SURVEY Ɔ RTE 13		1,012,480.396	3,005,798.596		EQUATION STA. BK
	466+35.00	SURVEY Ɔ RTE 13		1,012,480.396	3,005,798.596	832.57	EQUATION STA. AHD
	467+67.86	SURVEY Ɔ RTE 13	6.60 RT	1,012,347.552	3,005,796.608		H.P.I.
	468+99.96	SURVEY Ɔ RTE 13		1,012,216.608	3,005,819.088	832.35	P.T.
	490+83.76	SURVEY Ɔ RTE 13		1,010,064.299	3,006,188.586	863.21	P.C.
	492+28.84	SURVEY Ɔ RTE 13	3.62 LT	1,009,921.308	3,006,213.134		H.P.I.
	493+72.93	SURVEY Ɔ RTE 13		1,009,776.299	3,006,208.499	866.95	P.T.
	502+65.07	SURVEY Ɔ RTE 13		1,008,884.623	3,006,180.001	858.45	EQUATION STA. BK
	0+00.00	SURVEY Ɔ RTE 13		1,008,884.623	3,006,180.001	858.45	EQUATION STA. AHD
	79+39.84	SURVEY Ɔ RTE 13		1,000,948.714	3,005,930.111	835.94	P.I.
	105+93.62	SURVEY Ɔ RTE 13		998,296.311	3,005,844.751		EQUATION STA. BK
	105+98.50	SURVEY Ɔ RTE 13		998,296.311	3,005,844.751	802.44	P.I.
	105+98.50	SURVEY Ɔ RTE 13					EQUATION STA. AHD
	127+93.90	SURVEY Ɔ RTE 13		996,102.005	3,005,775.457		EQUATION STA. BK
	128+00.00	SURVEY Ɔ RTE 13		996,102.005	3,005,775.457	872.23	P.I.
	128+00.00	SURVEY Ɔ RTE 13		996,102.005	3,005,775.457		EQUATION STA. AHD
	190+00.00	SURVEY Ɔ RTE 13		989,905.094	3,005,579.764		EQUATION STA. BK
	190+08.60	SURVEY Ɔ RTE 13		989,905.094	3,005,579.764	826.17	P.I.
	190+08.60	SURVEY Ɔ RTE 13					EQUATION STA. AHD
	196+42.38	SURVEY Ɔ RTE 13		989,271.628	3,005,559.760	857.94	P.I.
	225+20.65	SURVEY Ɔ RTE 13		986,394.804	3,005,468.587		EQUATION STA. BK
	225+56.30	SURVEY Ɔ RTE 13		986,394.804	3,005,468.587	869.36	P.I.
	225+75.88	SURVEY Ɔ RTE 13		986,375.233	3,005,467.967	869.37	P.I.
	253+48.88	SURVEY Ɔ RTE 13		983,571.318	3,005,342.956	856.37	P.I.
	253+82.58	SURVEY Ɔ RTE 13		983,571.318	3,005,342.956	856.37	EQUATION STA. BK
	286+88.08	SURVEY Ɔ RTE 13		980,234.037	3,005,229.759	851.98	P.I.
	314+03.81	SURVEY Ɔ RTE 13		977,519.618	3,005,145.249	810.81	P.I.
	327+23.10	SURVEY Ɔ RTE 13		976,200.984	3,005,103.752	801.18	P.I.
	343+94.05	SURVEY Ɔ RTE 13		974,530.836	3,005,051.918	799.06	P.I.
	356+85.98	SURVEY Ɔ RTE 13		973,232.656	3,005,011.878	815.19	P.I.
	389+85.98	SURVEY Ɔ RTE 13		969,941.117	3,004,909.534	837.35	P.I.
	403+85.88	SURVEY Ɔ RTE 13		968,543.140	3,004,836.198	810.19	END SURVEY Ɔ RTE 13



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 117
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION							

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

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		MODIFIED STATE PLANE (GROUND)	
HORIZONTAL DATUM		NAD83	
VERTICAL DATUM		NAVD88	
GEOID MODEL		GEOID09	
ELEVATIONS DETERMINED BY		GPS OBSERVATION	
PROJECT PROJECTION FACTOR		1.00004008	
REFERENCE CONTROL INFORMATION			
COORDINATE SYSTEM		MO COORDINATE SYSTEM OF 1983	
CONTROL STATION		MO GEOGRAPHIC REFERENCE SYSTEM	
DESIGNATION	LF-17		
CORS_ID	XX		
PID	107017		
LATITUDE	38°58'09.789077		
LONGITUDE	93°42'45.910746		
NORTHING (M)	311345.7270		
EASTING (M)	918222.1960		
ZONE	WEST		
PROJECT AVERAGE GRID FACTOR		0.99995993	
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 #101 N 1,032,779.628 X 0.99995993 = N 1,032,738.245 E 3,006,165.224 X 0.99995993 = E 3,006,044.767			
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
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	
ALIGNMENTS							
	256+73.19	CONS'T @ RTE 13		1,033,420.396	3,006,138.970	820.141	START
	270+00.00	CONS'T @ RTE 13		1,032,093.744	3,006,118.507	788.763	H.P.I.
	274+55.88	CONS'T @ RTE 13		1,031,637.916	3,006,111.334	761.99	H.P.I.
	274+77.13	CONS'T @ RTE 13		1,031,593.806	3,006,110.648		STA. EQUATION BK
	275+00.00	CONS'T @ RTE 13		1,031,593.806	3,006,110.648		STA. EQUATION AHD
	283+59.08	CONS'T @ RTE 13		1,030,711.966	3,006,096.921	743.856	H.P.I.
	292+85.14	CONS'T @ RTE 13		1,029,786.017	3,006,082.507	782.307	H.P.I.
	302+65.33	CONS'T @ RTE 13		1,028,806.171	3,006,056.420	770.557	H.P.I.
	307+90.08	CONS'T @ RTE 13		1,028,281.598	3,006,042.976	763.362	H.P.I.
	322+72.34	CONS'T @ RTE 13		1,026,799.507	3,006,020.142	737.488	H.P.I.
	355+13.54	CONS'T @ RTE 13		1,023,558.706	3,005,969.418	738.09	H.P.I.
	357+98.39	CONS'T @ RTE 13		1,023,273.892	3,005,965.001	733.407	H.P.I.
	359+91.36	CONS'T @ RTE 13		1,023,080.942	3,005,961.977	739.334	H.P.I.
	371+63.89	CONS'T @ RTE 13		1,021,908.544	3,005,944.429	763.852	H.P.I.
	375+22.53	CONS'T @ RTE 13		1,021,549.936	3,005,939.473	762.255	H.P.I.
	383+10.21	CONS'T @ RTE 13		1,020,762.370	3,005,926.369	766.338	H.P.I.
	408+31.54	CONS'T @ RTE 13		1,018,241.339	3,005,887.381	793.811	H.P.I.
	412+87.65	CONS'T @ RTE 13		1,017,785.285	3,005,880.435	795.337	H.P.I.
	415+28.47	CONS'T @ RTE 13		1,017,544.495	3,005,876.541	794.051	H.P.I.
	419+00.00	CONS'T @ RTE 13		1,017,173.010	3,005,871.125	785.924	H.P.I.
	461+07.84	CONS'T @ RTE 13		1,012,965.679	3,005,805.531	829.34	H.P.I.
	462+00.24	CONS'T @ RTE 13		1,012,873.286	3,005,804.063	827.33	H.P.I.
	467+19.37	CONS'T @ RTE 13		1,012,354.230	3,005,795.305	834.215	H.P.I.
	480+54.73	CONS'T @ RTE 13		1,011,038.078	3,006,020.955	831.05	H.P.I.
	487+28.37	CONS'T @ RTE 13		1,010,374.285	3,006,135.723	851.784	H.P.I.
	490+12.22	CONS'T @ RTE 13		1,010,094.621	3,006,184.303	862.284	P.C.
	491+80.47	CONS'T @ RTE 13	2.82 LT	1,009,928.852	3,006,213.098		H.P.I.
	493+47.56	CONS'T @ RTE 13		1,009,760.684	3,006,207.809	866.781	P.T.
	498+00.00	CONS'T @ RTE 13		1,009,308.475	3,006,193.548	858.894	H.P.I.
	502+24.06	CONS'T @ RTE 13		1,008,884.623	3,006,180.001	858.452	END
	0+00.00	CONS'T @ RTE 13		1,008,884.623	3,006,180.001	858.17	START
	9+90.80	CONS'T @ RTE 13		1,007,894.297	3,006,149.434	855.983	H.P.I.
	18+41.91	CONS'T @ RTE 13		1,007,043.624	3,006,121.997	864.865	H.P.I.
	21+77.13	CONS'T @ RTE 13		1,006,708.619	3,006,110.089	866.731	H.P.I.
	25+17.24	CONS'T @ RTE 13		1,006,368.656	3,006,099.934	871.799	H.P.I.
	27+74.80	CONS'T @ RTE 13		1,006,111.209	3,006,092.563	871.149	H.P.I.
	32+85.53	CONS'T @ RTE 13		1,005,600.717	3,006,076.719	855.810	H.P.I.
	40+34.96	CONS'T @ RTE 13		1,004,851.678	3,006,052.496	857.175	H.P.I.
	43+02.90	CONS'T @ RTE 13		1,004,583.858	3,006,044.690	850.645	H.P.I.
	46+12.58	CONS'T @ RTE 13		1,004,274.340	3,006,034.617	835.300	H.P.I.
	53+48.04	CONS'T @ RTE 13		1,003,539.247	3,006,011.285	803.439	H.P.I.
	57+75.00	CONS'T @ RTE 13		1,003,112.526	3,005,997.204	805.102	H.P.I.
	85+62.07	CONS'T @ RTE 13		1,000,326.826	3,005,909.875	825.362	H.P.I.
	88+47.63	CONS'T @ RTE 13		1,000,041.428	3,005,900.173	827.976	H.P.I.
	93+24.73	CONS'T @ RTE 13		999,564.572	3,005,884.739	838.184	H.P.I.
	97+28.44	CONS'T @ RTE 13		999,161.054	3,005,872.291	836.618	H.P.I.
	99+75.63	CONS'T @ RTE 13		998,913.976	3,005,864.969	825.133	H.P.I.
	109+05.63	CONS'T @ RTE 13		997,984.464	3,005,834.842	817.791	H.P.I.
	118+35.72	CONS'T @ RTE 13		997,054.820	3,005,806.060	842.433	H.P.I.
	132+89.16	CONS'T @ RTE 13		995,602.122	3,005,759.618	865.431	H.P.I.
	134+74.87	CONS'T @ RTE 13		995,416.502	3,005,753.913	861.607	H.P.I.
	146+55.57	CONS'T @ RTE 13		994,236.395	3,005,716.545	884.761	H.P.I.
	152+72.83	CONS'T @ RTE 13		993,619.430	3,005,697.360	878.752	H.P.I.
	163+86.13	CONS'T @ RTE 13		992,506.680	3,005,662.384	837.754	H.P.I.

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/02/2028 4:30:10 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

118

COUNTY

LAFAYETTE/ JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

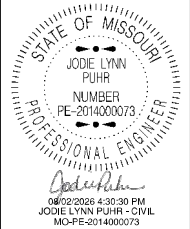
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

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	MODIFIED STATE PLANE (GROUND)	
HORIZONTAL DATUM	NAD83	
VERTICAL DATUM	NAVD88	
GEOID MODEL	GEOID09	
ELEVATIONS DETERMINED BY	GPS OBSERVATION	
PROJECT PROJECTION FACTOR	1.00004008	
REFERENCE CONTROL INFORMATION		
COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983	
CONTROL STATION	MO GEOGRAPHIC REFERENCE SYSTEM	
DESIGNATION	LF-17	
CORS_ID	XX	
PID	107017	
LATITUDE	38°58'09.789077	
LONGITUDE	93°42'45.910746	
NORTHING (M)	311345.7270	
EASTING (M)	918222.1960	
ZONE	WEST	
PROJECT AVERAGE GRID FACTOR	0.99995993	
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 #101 N 1,032,779.628 X 0.99995993 = N 1,032,738.245 E 3,006,165.224 X 0.99995993 = E 3,006,044.767		
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
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	
ALIGNMENTS							
	167+67.23	CONS'T @ RTE 13		992,125.793	3,005,649.508	819.195	H.P.I.
	181+27.70	CONS'T @ RTE 13		990,766.001	3,005,606.655	813.687	H.P.I.
	187+40.48	CONS'T @ RTE 13		990,153.539	3,005,587.055	816.769	H.P.I.
	190+80.43	CONS'T @ RTE 13		989,813.737	3,005,576.953	834.514	H.P.I.
	224+95.46	CONS'T @ RTE 13		986,400.405	3,005,469.126	861.21	H.P.I.
	233+30.43	CONS'T @ RTE 13		985,566.291	3,005,431.374	858.409	H.P.I.
	244+44.78	CONS'T @ RTE 13		984,453.082	3,005,380.927	858.769	H.P.I.
	250+77.91	CONS'T @ RTE 13		983,820.603	3,005,352.302	855.173	H.P.I.
	265+80.87	CONS'T @ RTE 13		982,318.605	3,005,298.606	816.058	H.P.I.
	266+09.82	CONS'T @ RTE 13		982,289.664	3,005,297.645	815.473	P.C.
	268+37.01	CONS'T @ RTE 13		982,062.597	3,005,290.106		H.P.I.
	270+64.16	CONS'T @ RTE 13		981,835.937	3,005,274.575	821.742	P.R.C.
	272+91.35	CONS'T @ RTE 13		981,609.277	3,005,259.044		H.P.I.
	275+18.50	CONS'T @ RTE 13		981,382.211	3,005,251.505	816.485	P.T.
	276+03.86	CONS'T @ RTE 13		981,296.895	3,005,248.672	817.461	H.P.I.
	277+19.98	CONS'T @ RTE 13		981,180.841	3,005,244.818	821.113	H.P.I.
	280+95.85	CONS'T @ RTE 13		980,805.179	3,005,232.145	840.652	P.C.
	283+30.94	CONS'T @ RTE 13		980,570.227	3,005,224.218		H.P.I.
	285+65.97	CONS'T @ RTE 13		980,335.142	3,005,224.857	850.574	P.R.C.
	287+84.48	CONS'T @ RTE 13		980,116.636	3,005,225.452		H.P.I.
	290+02.56	CONS'T @ RTE 13		979,898.236	3,005,218.645	850.343	P.T.
	290+02.94	CONS'T @ RTE 13		979,898.236	3,005,218.645		STA. EQUATION BK
	290+02.56	CONS'T @ RTE 13		979,898.236	3,005,218.645	850.343	STA. EQUATION AHD
	304+25.14	CONS'T @ RTE 13		978,476.343	3,005,174.333	812.053	H.P.I.
	320+86.27	CONS'T @ RTE 13		976,816.025	3,005,122.503	804.294	H.P.I.
	347+05.77	CONS'T @ RTE 13		974,197.775	3,005,041.505	809.650	H.P.I.
	357+58.08	CONS'T @ RTE 13		973,145.982	3,005,008.517	813.490	H.P.I.
	371+67.37	CONS'T @ RTE 13		971,737.364	3,004,965.066	833.214	H.P.I.
	373+43.93	CONS'T @ RTE 13		971,560.872	3,004,960.013	837.670	H.P.I.
	378+30.77	CONS'T @ RTE 13		971,074.258	3,004,945.294	841.472	H.P.I.
	379+83.22	CONS'T @ RTE 13		970,921.893	3,004,940.202	841.486	H.P.I.
	381+57.07	CONS'T @ RTE 13		970,748.121	3,004,934.864	841.982	H.P.I.
	388+98.03	CONS'T @ RTE 13		970,007.537	3,004,911.474	838.759	H.P.I.
	390+67.21	CONS'T @ RTE 13		969,838.516	3,004,904.109	834.804	H.P.I.
	394+74.92	CONS'T @ RTE 13		969,431.376	3,004,882.493	823.259	H.P.I.
	396+38.81	CONS'T @ RTE 13		969,267.718	3,004,873.804	819.68	P.C.
	397+13.37	CONS'T @ RTE 13	3.1 RT	969,193.262	3,004,869.851		H.P.I.
	397+86.24	CONS'T @ RTE 13		969,122.383	3,004,892.988	816.002	P.C.C.
	398+30.73	CONS'T @ RTE 13	1.1 RT	969,080.087	3,004,906.795		H.P.I.
	398+75.06	CONS'T @ RTE 13		969,040.291	3,004,926.689	814.474	P.R.C.
	399+07.44	CONS'T @ RTE 13	0.6 LT	969,011.335	3,004,941.164		H.P.I.
	399+39.56	CONS'T @ RTE 13		968,979.957	3,004,949.129	818.818	P.T.
	400+14.56	CONS'T @ RTE 13		968,907.262	3,004,967.580	818.409	END



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 119
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION									
DATE									

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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

MODIFIED STATE PLANE(GROUND)

HORIZONTAL DATUM

NAD83

VERTICAL DATUM

NAVD88

GEOID MODEL

GEOID09

ELEVATIONS DETERMINED BY

GPS OBSERVATION

PROJECT PROJECTION FACTOR

1.00004008

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM

MO COORDINATE SYSTEM OF 1983

CONTROL STATION

MO GEOGRAPHIC REFERENCE SYSTEM

DESIGNATION

LF-17

CORS_ID

XX

PID

107017

LATITUDE

38°58'09.789077

LONGITUDE

93°42'45.910746

NORTHING (M)

311345.7270

EASTING (M)

918222.1960

ZONE

WEST

PROJECT AVERAGE GRID FACTOR

0.99995993

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 #101
N 1,032,779.628 X 0.99995993 = N 1,032,738.245
E 3,006,165.224 X 0.99995993 = E 3,006,044.767

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
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	
ALIGNMENTS							
	0+00.00	⌒ TEMP. RD		986,706.23	3,005,985.51	863.56	BEGIN P.C. ⌒ TEMP. RD
	0+97.11	⌒ TEMP. RD	20.76 RT	986,685.69	3,005,890.60		H.P.I.
	1+82.74	⌒ TEMP. RD		986,601.44	3,005,842.30	867.29	P.C.C.
	2+84.30	⌒ TEMP. RD	20.60 RT	986,513.34	3,005,791.79		H.P.I.
	3+63.26	⌒ TEMP. RD		986,430.80	3,005,850.97	867.70	P.T.
	4+35.87	⌒ TEMP. RD		986,371.80	3,005,893.27	866.99	P.C.
	5+16.21	⌒ TEMP. RD	16.56 LT	986,306.50	3,005,940.08		H.P.I.
	5+78.44	⌒ TEMP. RD		986,237.10	3,005,899.62	867.89	P.T.
	7+12.94	⌒ TEMP. RD		986,120.90	3,005,831.88	862.83	P.C.
	8+42.02	⌒ TEMP. RD	21.25 LT	986,009.39	3,005,766.88		H.P.I.
	9+64.05	⌒ TEMP. RD		985,950.66	3,005,651.94	855.43	P.T.
	9+83.00	⌒ TEMP. RD		985,942.04	3,005,635.06	855.74	P.C.
	10+04.17	⌒ TEMP. RD	3.40 LT	985,932.40	3,005,616.20	856.84	H.P.I.
	10+24.40	⌒ TEMP. RD		985,933.36	3,005,595.05		P.T.
	11+71.31	⌒ TEMP. RD		985,940.00	3,005,448.29	863.03	END ⌒ TEMP. RD
	0+00.00	⌒ CONNECTOR RD		986,833.86	3,005,763.52	859.56	BEGIN ⌒ CONNECTOR RD
	0+04.99	⌒ CONNECTOR RD		986,828.87	3,005,763.57	859.40	H.P.I.
	0+84.92	⌒ CONNECTOR RD		986,749.06	3,005,759.27	861.74	P.C.
	1+35.04	⌒ CONNECTOR RD	9.21 RT	986,699.01	3,005,756.58		H.P.I.
	1+77.84	⌒ CONNECTOR RD		986,666.90	3,005,795.06	867.35	P.T.
	2+53.46	⌒ CONNECTOR RD		986,618.45	3,005,853.12	867.15	END ⌒ CONNECTOR RD
	0+00.00	⌒ ENT.225+76 SIDE RD		986,317.41	3,005,522.71	865.69	BEGIN ⌒ ENT.225+76 SIDE RD
	1+90.19	⌒ ENT.225+76 SIDE RD		986,127.41	3,005,514.11	864.10	H.P.I.
	3+80.39	⌒ ENT.225+76 SIDE RD		985,937.41	3,005,505.51	861.19	END ⌒ ENT.225+76 SIDE RD
	0+00.00	CONS'T ⌒ CRD 1200		1,008,886.64	3,006,180.07	857.82	BEGIN CONS'T ⌒ CRD 1200
	0+16.00	CONS'T ⌒ CRD 1200		1,008,887.15	3,006,164.07	857.82	H.P.I.
	0+64.99	CONS'T ⌒ CRD 1200		1,008,888.72	3,006,115.11	857.71	END CONS'T ⌒ CRD 1200
	0+00.00	CONS'T ⌒ RTE YY		1,008,831.65	3,006,178.37	858.96	BEGIN CONS'T ⌒ RTE YY
	1+85.59	CONS'T ⌒ RTE YY		1,008,825.93	3,006,363.86	861.76	H.P.I.
	4+32.70	CONS'T ⌒ RTE YY		1,008,821.71	3,006,610.94	861.76	END CONS'T ⌒ RTE YY
	0+00.00	CONS'T ⌒ RTE H		988,164.70	3,005,173.73		BEGIN CONS'T ⌒ RTE H
	1+05.41	CONS'T ⌒ RTE H		988,154.98	3,005,419.09		H.P.I.
	3+50.97	CONS'T ⌒ RTE H		988,151.66	3,005,524.45		END CONS'T ⌒ RTE H
	680+00.00	⌒ RTE OO		969,614.11	3,004,178.91		BEGIN ⌒ RTE OO
	682+01.27	⌒ RTE OO		969,603.75	3,004,379.92		H.P.I.
	687+12.50	⌒ RTE OO		969,580.09	3,004,890.60		END ⌒ RTE OO
	0+00.00	⌒ RTE V		969,580.09	3,004,890.60		BEGIN ⌒ RTE V
	5+00.00	⌒ RTE V		969,569.89	3,005,390.49		END ⌒ RTE V

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/18/2026 8:11:54 AM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

8/11/2026

ROUTE

13

DISTRICT

KC

STATE

MO

SHEET NO.

120

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

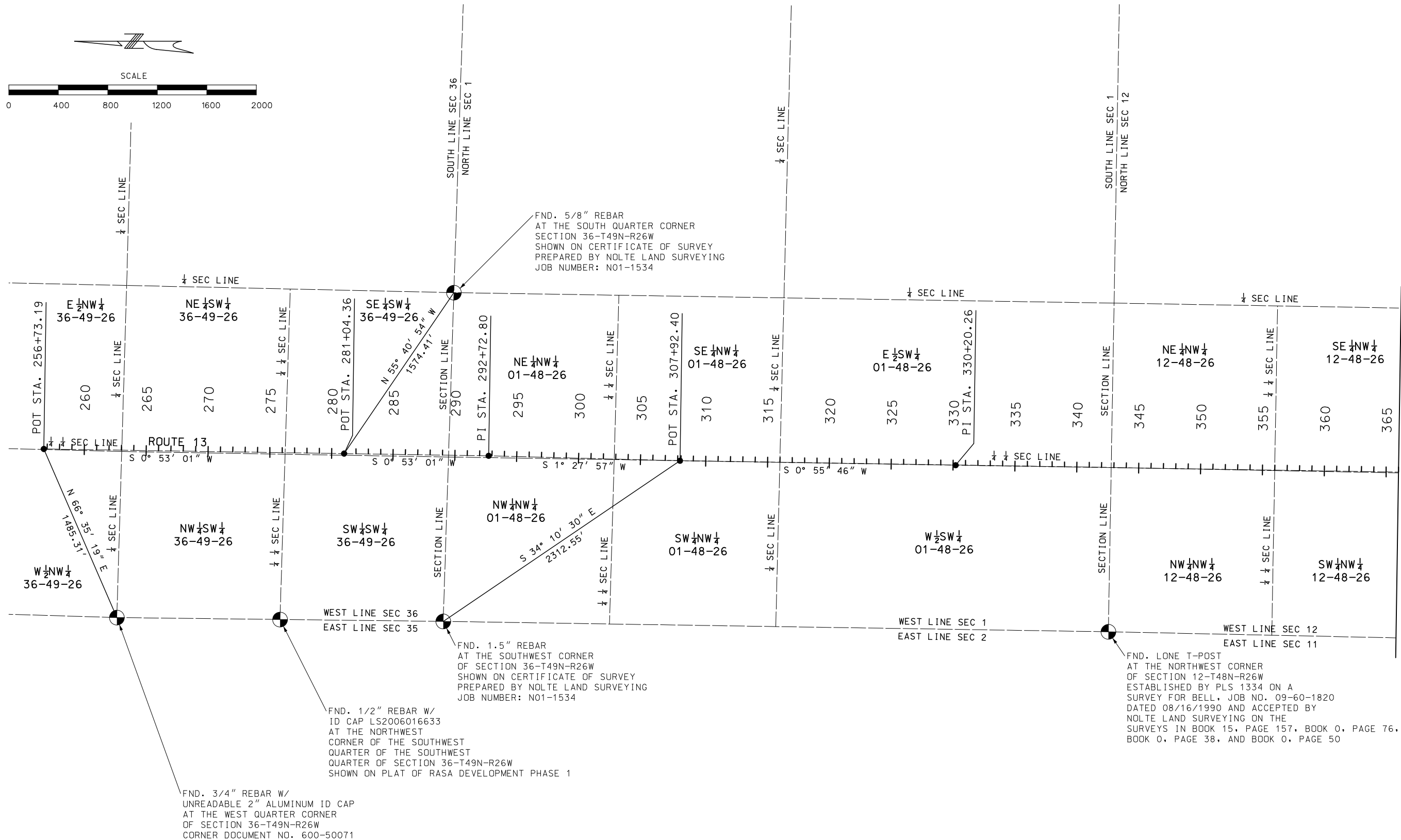
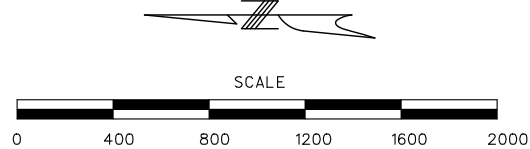
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)



MATCHLINE STA. 366+00.00

LAND CORNER TIES
SPECIAL SHEET
SHEET 1 OF 31

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

DATE PREPARED

8/3/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

121

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE

DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

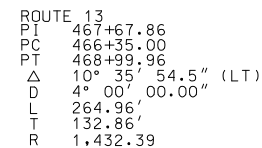
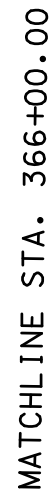
FND. LONE T-POST
AT THE NORTHWEST CORNER
OF SECTION 12-T48N-R26W
ESTABLISHED BY PLS 1334 ON A
SURVEY FOR BELL, JOB NO. 09-60-1820
DATED 08/16/1990 AND ACCEPTED BY
NOLTE LAND SURVEYING ON THE
SURVEYS IN BOOK 15, PAGE 157, BOOK 0, PAGE 76,
BOOK 0, PAGE 38, AND BOOK 0, PAGE 50

FND. 1/2" REBAR W/
ID CAP LS2006016633
AT THE NORTHWEST
CORNER OF THE SOUTHWEST
QUARTER OF THE SOUTHWEST
QUARTER OF SECTION 36-T49N-R26W
SHOWN ON PLAT OF RASA DEVELOPMENT PHASE 1

FND. 3/4" REBAR W/
UNREADABLE 2" ALUMINUM ID CAP
AT THE WEST QUARTER CORNER
OF SECTION 36-T49N-R26W
CORNER DOCUMENT NO. 600-50071

FND. 1.5" REBAR
AT THE SOUTHWEST CORNER
OF SECTION 36-T49N-R26W
SHOWN ON CERTIFICATE OF SURVEY
PREPARED BY NOLTE LAND SURVEYING
JOB NUMBER: N01-1534

FND. 5/8" REBAR
AT THE SOUTH QUARTER CORNER
SECTION 36-T49N-R26W
SHOWN ON CERTIFICATE OF SURVEY
PREPARED BY NOLTE LAND SURVEYING
JOB NUMBER: N01-1534

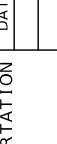


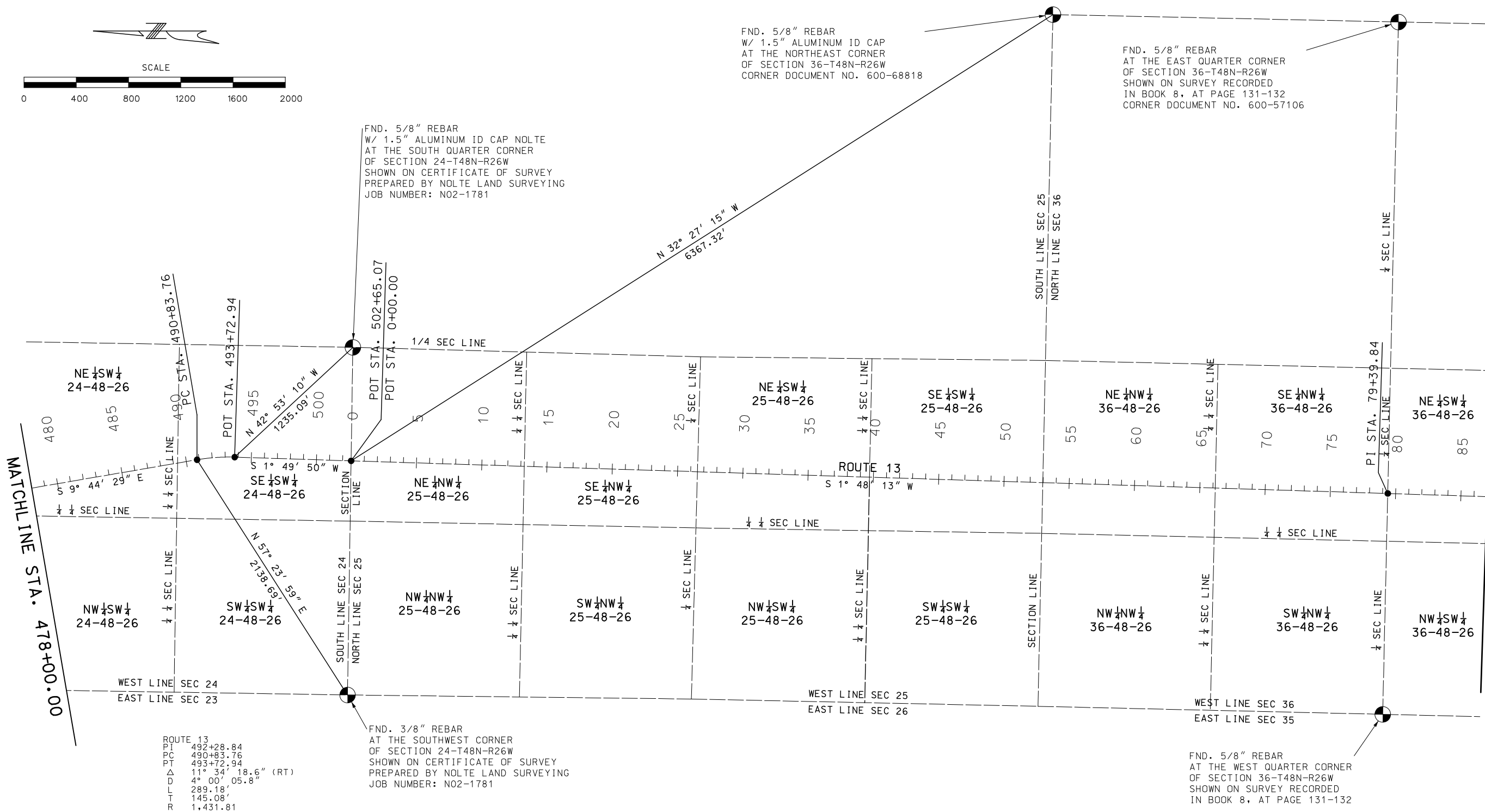
FND. 5/8" REBAR
W/ 1.5" ALUMINUM ID CAP NOLTE
AT THE CENTER OF
SECTION 24-T48N-R26W
SHOWN ON CERTIFICATE OF SURVEY
PREPARED BY NOLTE LAND SURVEYING
JOB NUMBER: NO2-1781

FND. 5/8" REBAR
W/ 1.5" ALUMINUM ID CAP NOLTE
AT THE NORTHWEST CORNER
OF SECTION 24-T48N-R26W
SHOWN ON CERTIFICATE OF SURVEY
PREPARED BY NOLTE LAND SURVEYING
JOB NUMBER: NO2-1781

FND. 5/8" REBAR
W/ 1.5" ALUMINUM ID CAP NOLTE
AT THE NORTHWEST CORNER
OF SECTION 24-T48N-R26W
SHOWN ON CERTIFICATE OF SURVEY
PREPARED BY NOLTE LAND SURVEYING
JOB NUMBER: N02-1781

FND. 5/8" REBAR
W/ 1.5" ALUMINUM ID CAP NOLTE
AT THE WEST QUARTER CORNER
OF SECTION 24-T48N-R26W
SHOWN ON CERTIFICATE OF SURVEY
PREPARED BY NOLTE LAND SURVEYING
JOB NUMBER: N02-1781

	
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 122
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
	
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	



STATE OF MISSOURI
JODIE LYNN
PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
09/03/2026 4:11:59 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

BRIDGE NO.

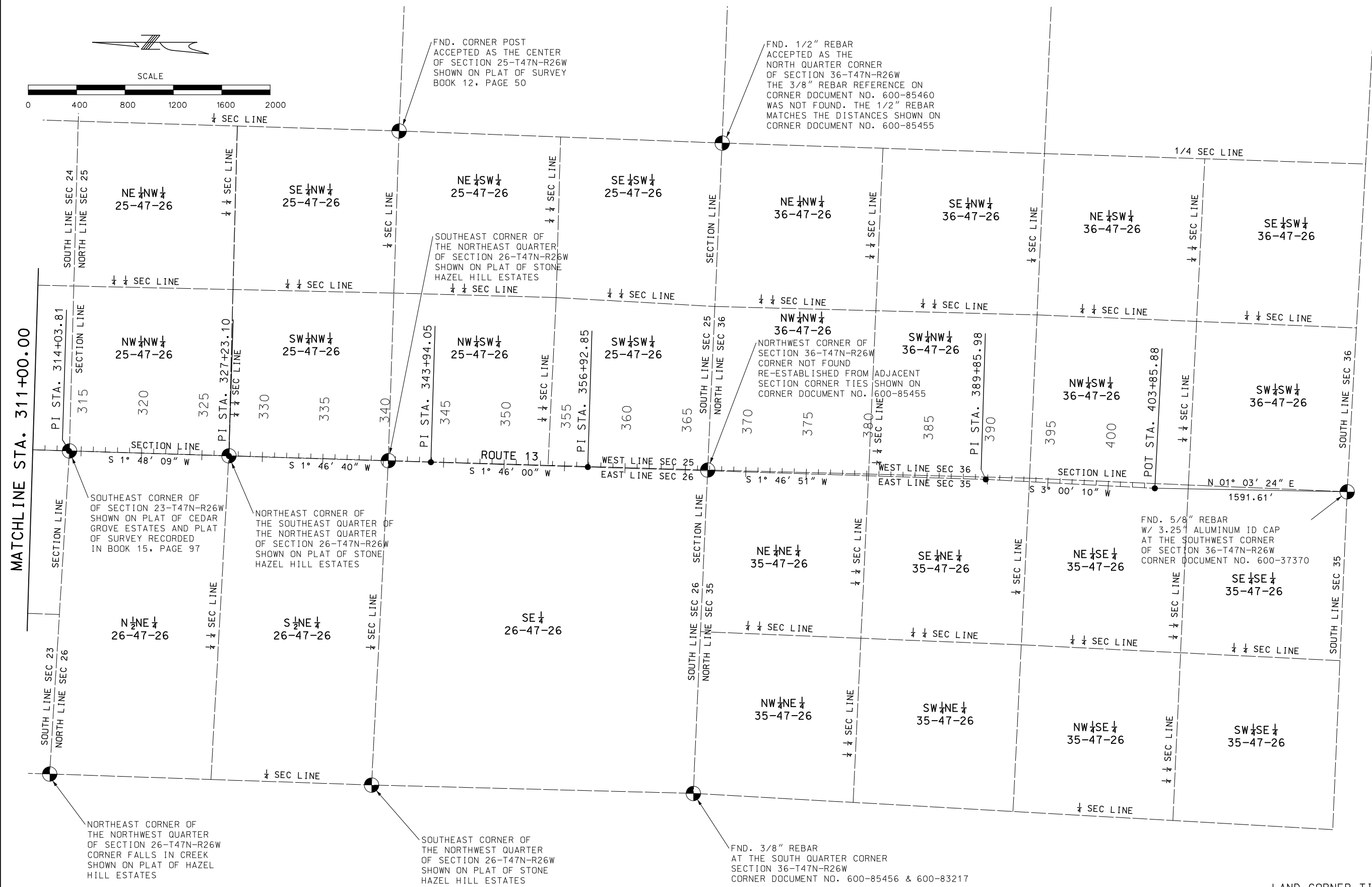
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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





LAND CORNER TIES
SPECIAL SHEET
SHEET 6 OF 31

STATE OF MISSOURI
JODIE LYNN
PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/03/2026 4:13:21 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

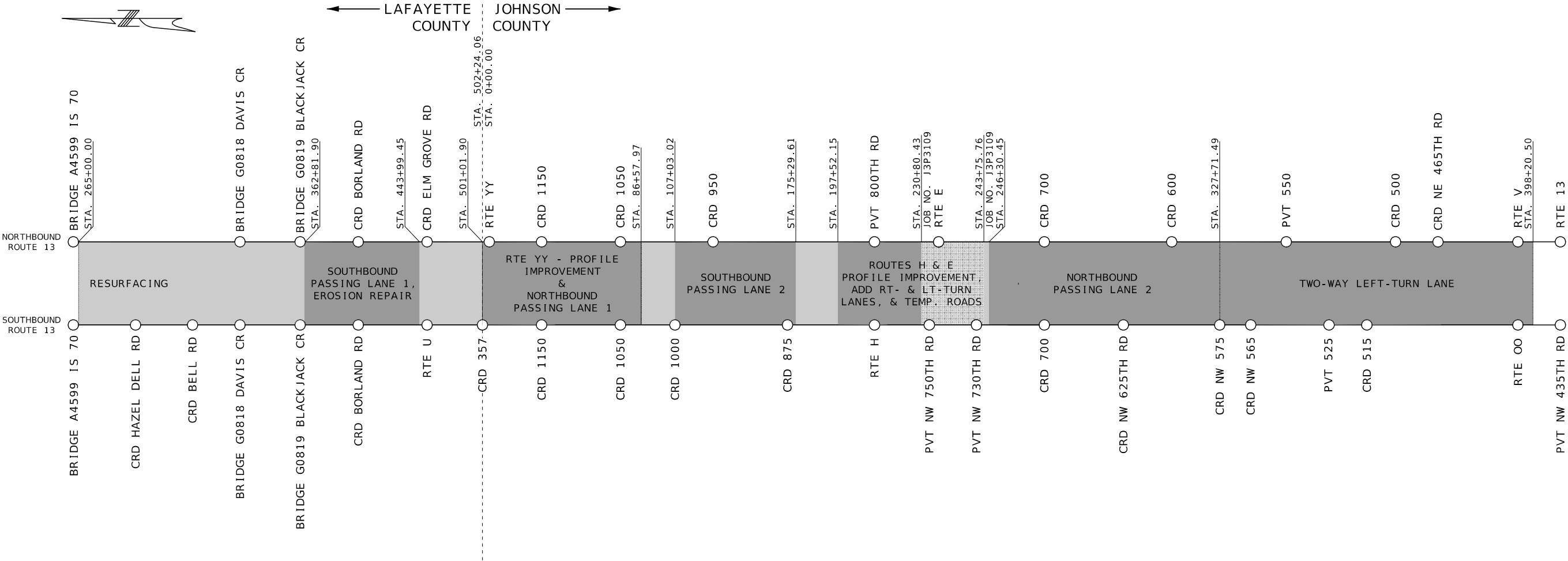
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

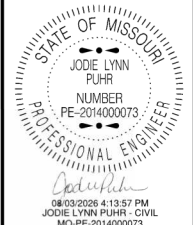
ROUTE 13 TRAVELWAY LINE DIAGRAM

ALL STATIONING IN ACCORDANCE
WITH CONS'T B ROUTE 13



NOT TO SCALE

SPECIAL SHEET
PAVEMENT TRANSITIONS
SHEET 7 OF 31

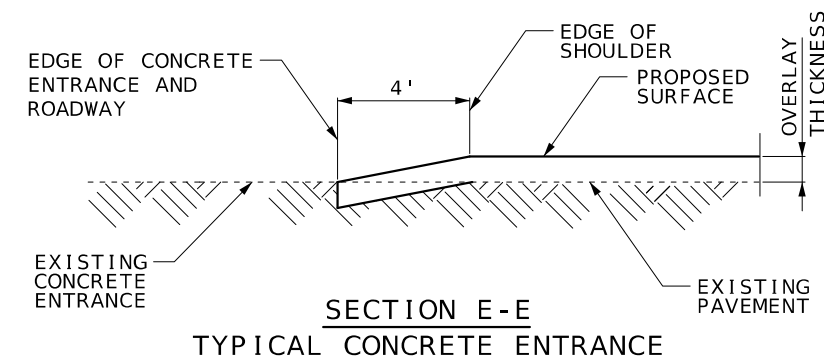
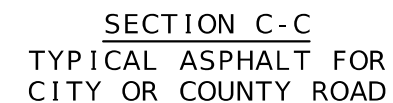
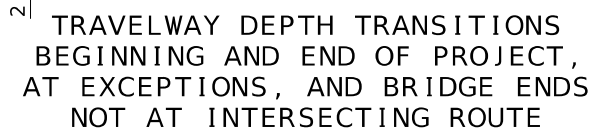
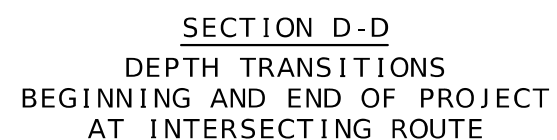
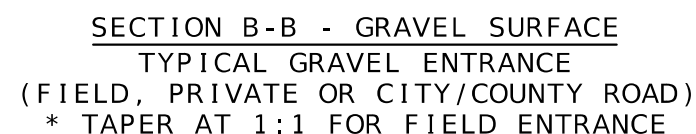
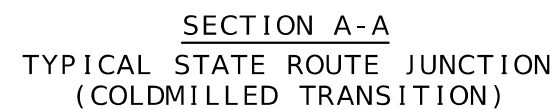


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 127
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

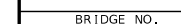
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



NOT TO SCALE

SPECIAL SHEET
PAVEMENT TRANSITIONS
SHEET 8 OF 31

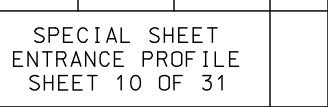


MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

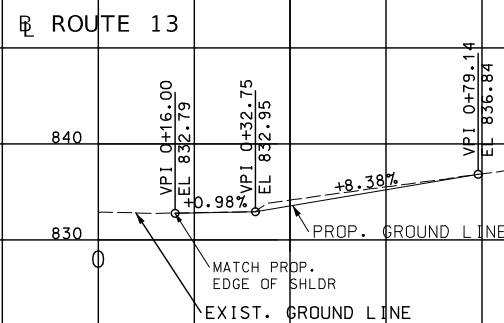
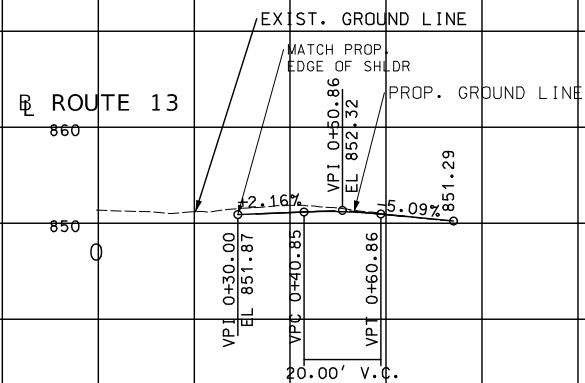
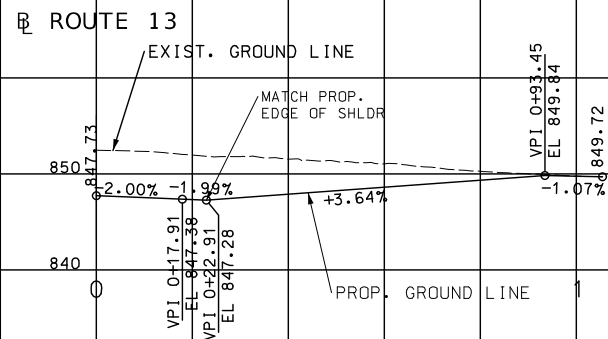
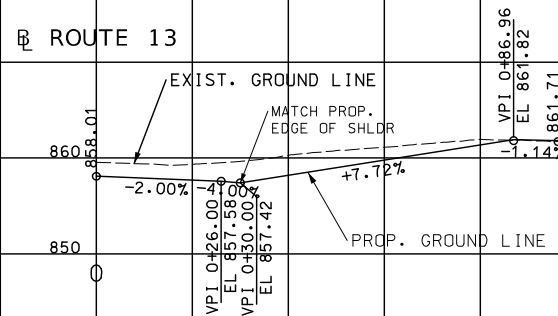
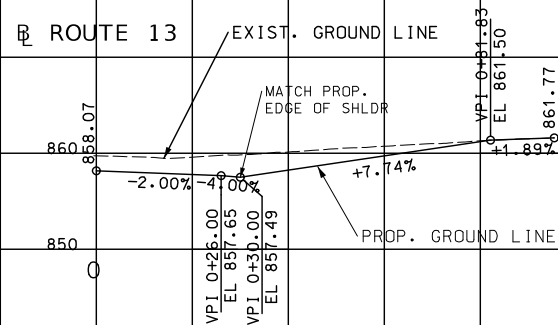


[illegible]









STATE OF MISSOURI

JODIE LYNN
PUHAR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

Jodie Lynn Puhar

06/18/2026 8:12:23 AM
JODIE LYNN PUHAR - CIVIL

DATE PREPARED	8/9/2026
---------------	----------

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 133

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

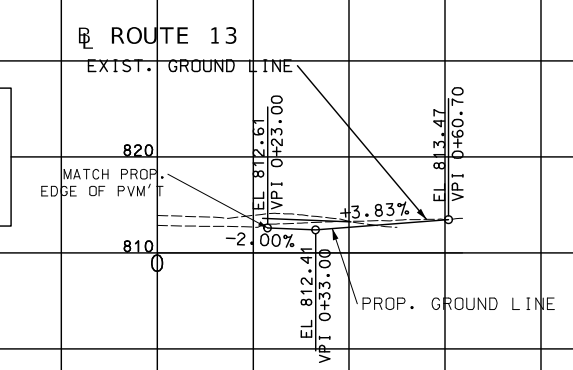
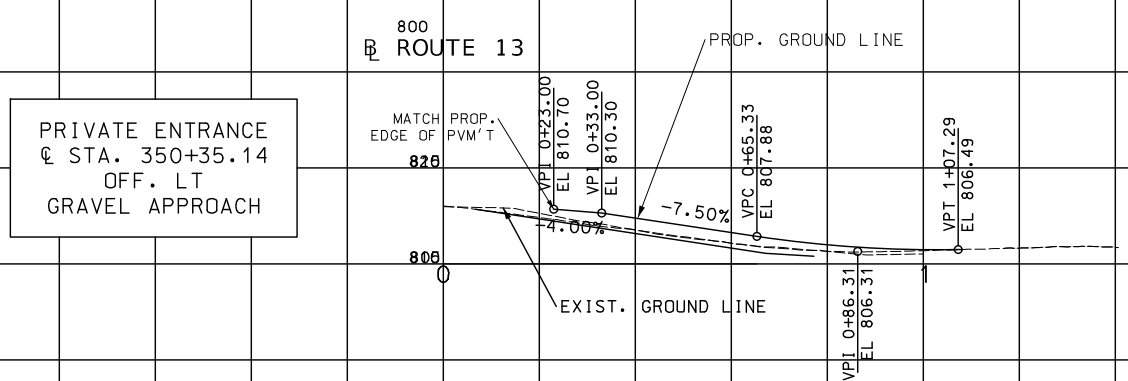
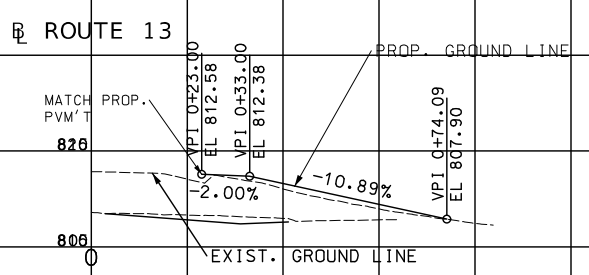
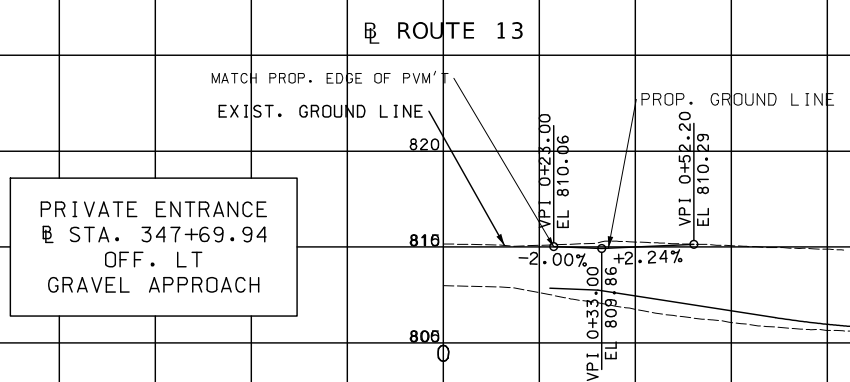
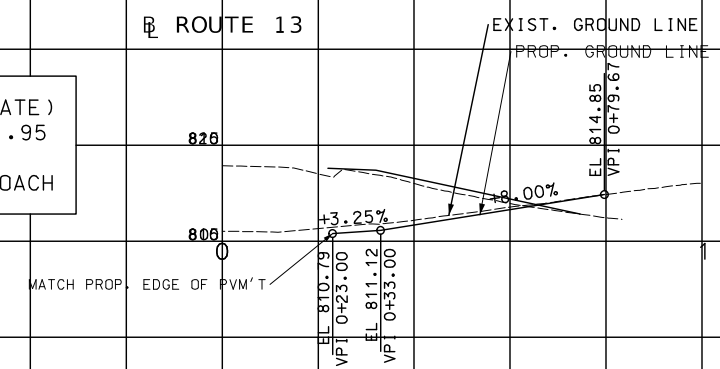
PROJECT NO.

BRIDGE NO.

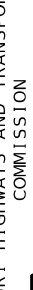
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COMMISSION

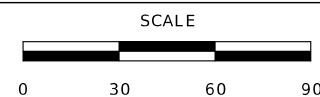
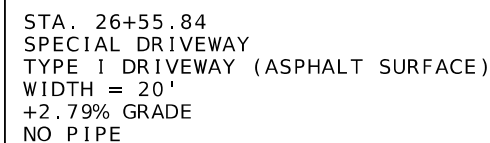
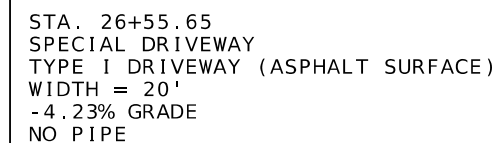
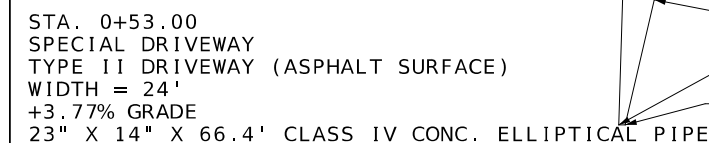
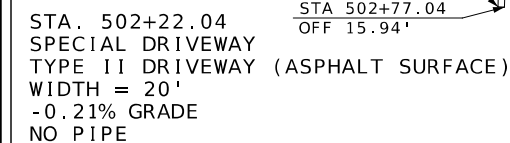
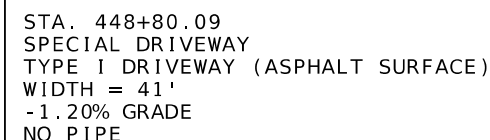
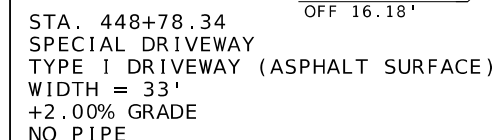
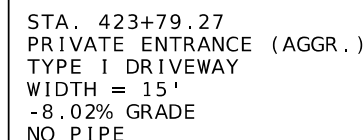
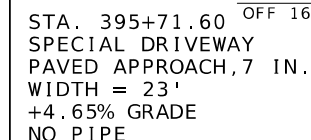
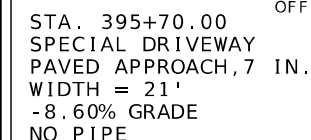
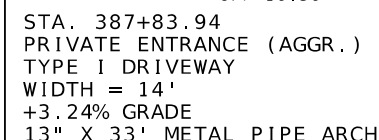
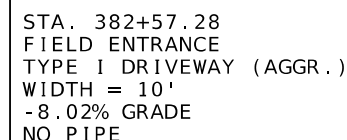
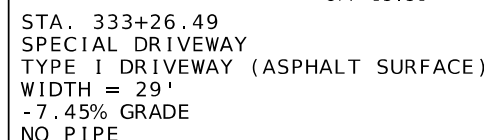
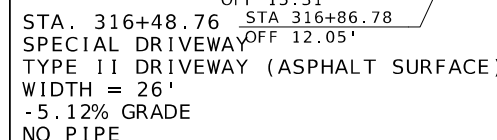
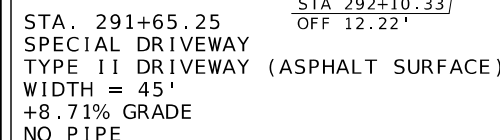
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

	SPECIAL SHEET	
	ENTRANCE PROFILE	
	SHEET 15 OF 31	

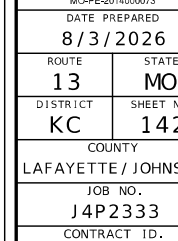


SPECIAL SHEET
ENTRANCE PROFILE
SHEET 17 OF 31

		DATE PREPARED 8/3/2026	
ROUTE 13		STATE MO	
DISTRICT KC		SHEET NO. 136	
COUNTY LAFAYETTE / JOHNSON			
JOB NO. J4P2333			
CONTRACT ID.			
PROJECT NO.			
BRIDGE NO.			
DESCRIPTION			
DATE			
COMMISSION			
MISSOURI HIGHWAYS AND TRANSPORTATION			
			
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)			



SPECIAL SHEET
ENTRANCE DETAIL
SHEET 22 OF 31



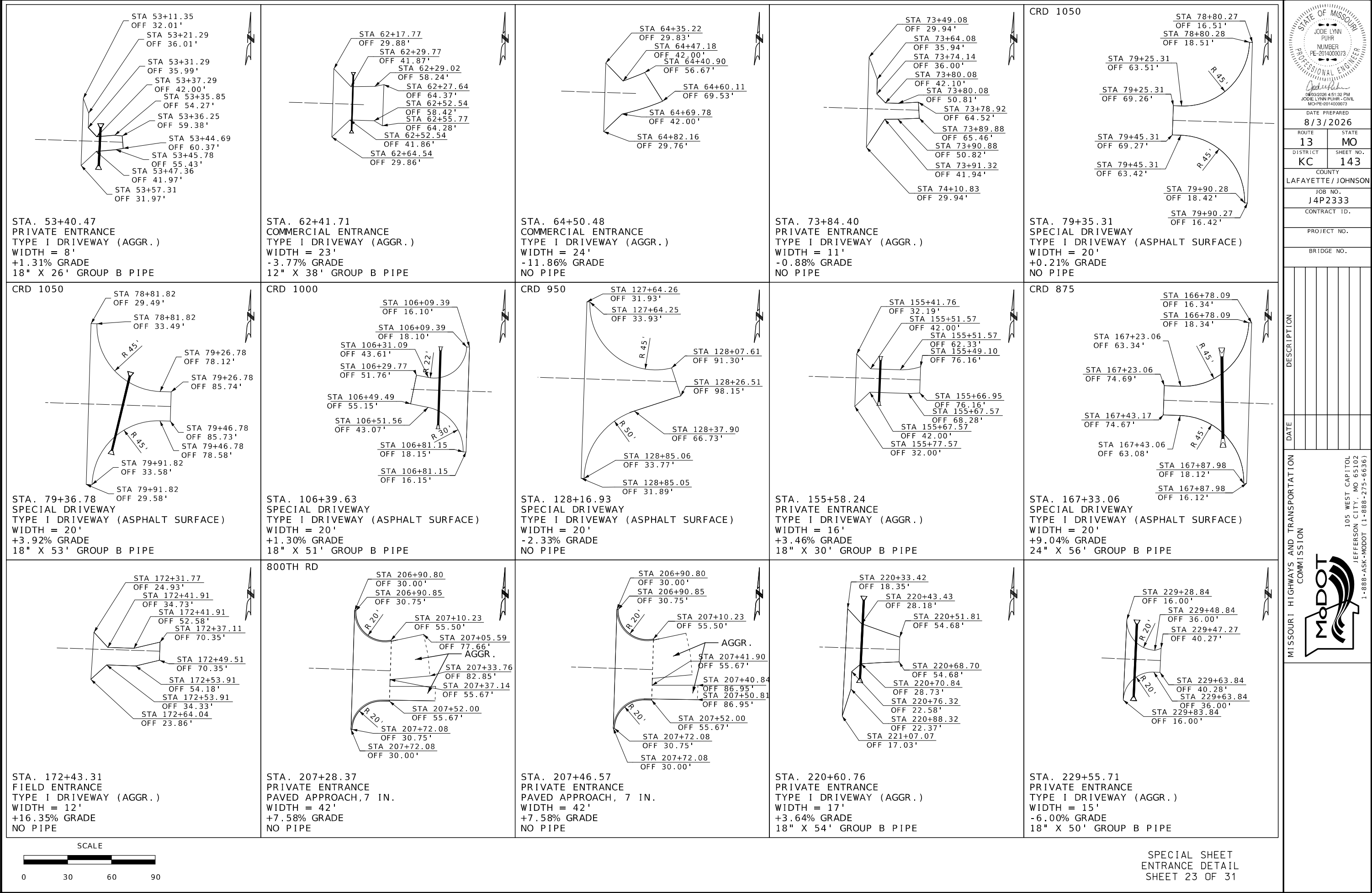
	PROJECT NO.
	BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102





STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

DATE PREPARED
8/3/2026

ROUTE
13

DISTRICT
KC

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

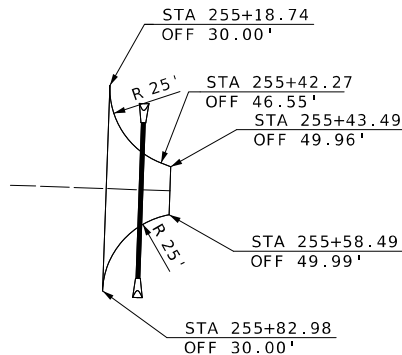
BRIDGE NO.

DATE

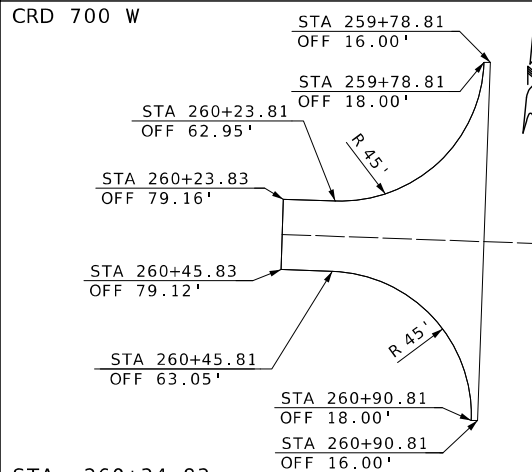
DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

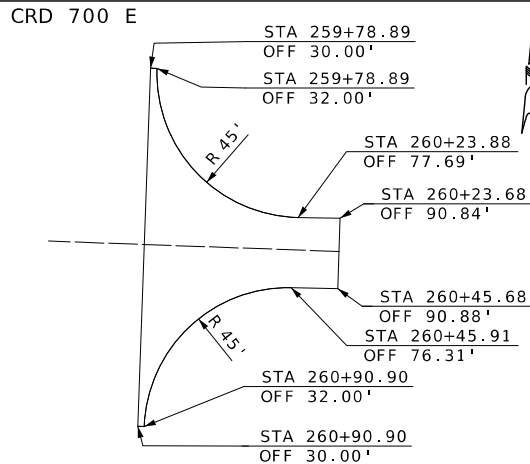
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



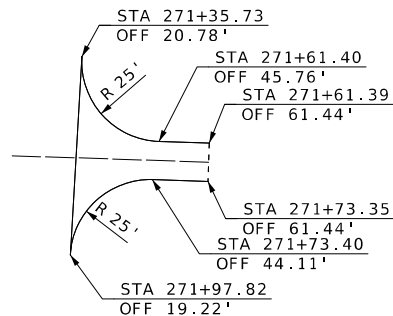
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PRIVATE ENTRANCE
TYPE I DRIVEWAY (AGGR.)
WIDTH = 15'
+2.16% GRADE
18" x 49' GROUP B PIPE



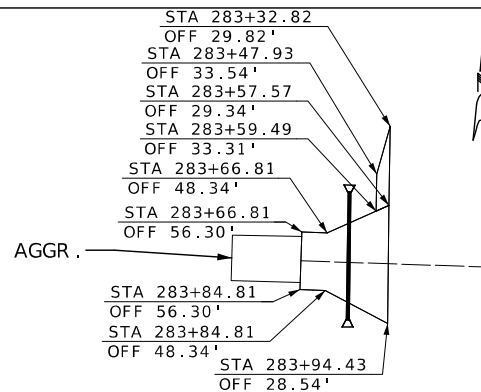
STA. 260+34.83
SPECIAL DRIVEWAY
TYPE I DRIVEWAY (ASPHALT SURFACE)
WIDTH = 22'
+8.38% GRADE
NO PIPE



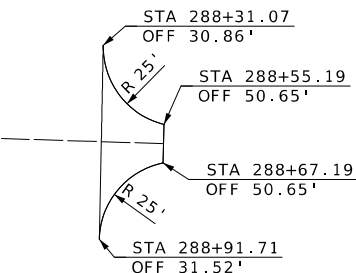
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TYPE I DRIVEWAY (ASPHALT SURFACE)
WIDTH = 22'
-4.81% GRADE
NO PIPE



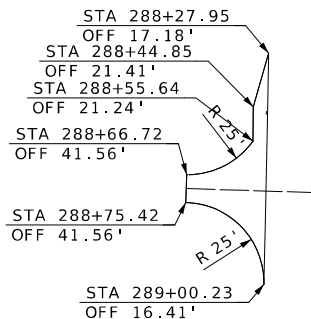
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PRIVATE ENTRANCE
TYPE I DRIVEWAY (AGGR.)
WIDTH = 20'
+9.46% GRADE
NO PIPE



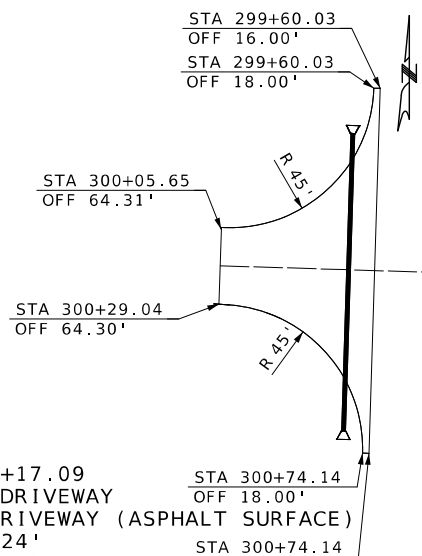
STA. 283+75.07
PRIVATE ENTRANCE
TYPE I DRIVEWAY (CONC.)
WIDTH = 18'
-3.80% GRADE
44" B-1 PIPE ARCH



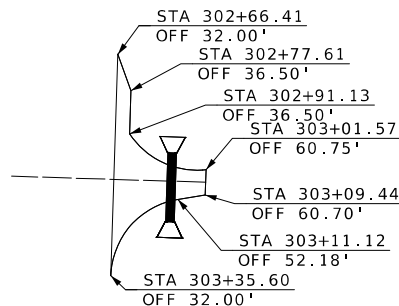
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PRIVATE ENTRANCE
TYPE I DRIVEWAY (AGGR.)
WIDTH = 12'
+3.07% GRADE
NO PIPE



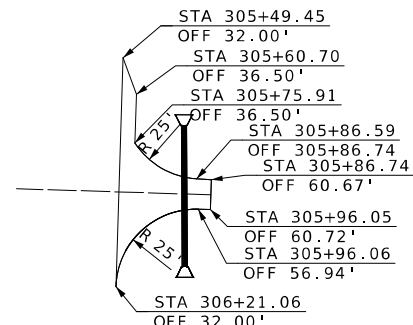
STA. 288+71.04
PRIVATE ENTRANCE
TYPE I DRIVEWAY (AGGR.)
WIDTH = 9'
+2.68% GRADE
NO PIPE



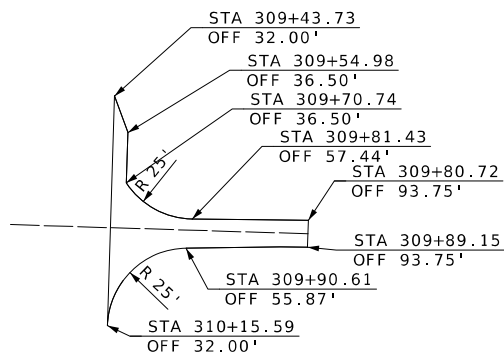
STA. 300+17.09
SPECIAL DRIVEWAY
TYPE I DRIVEWAY (ASPHALT SURFACE)
WIDTH = 24'
+6.47% GRADE
18" X 91' GROUP B PIPE



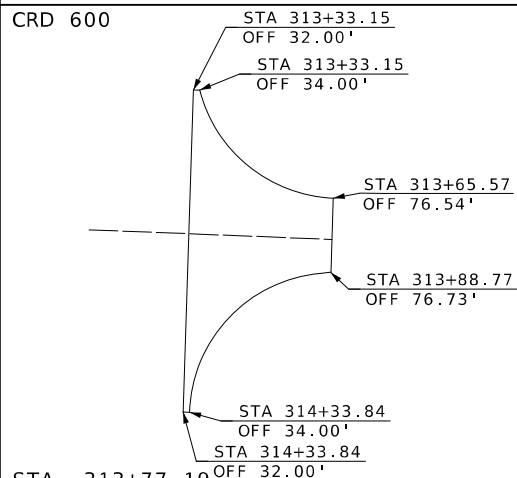
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PRIVATE ENTRANCE
TYPE I DRIVEWAY (AGGR.)
WIDTH = 9'
+7.22% GRADE
36" X 22' GROUP B PIPE



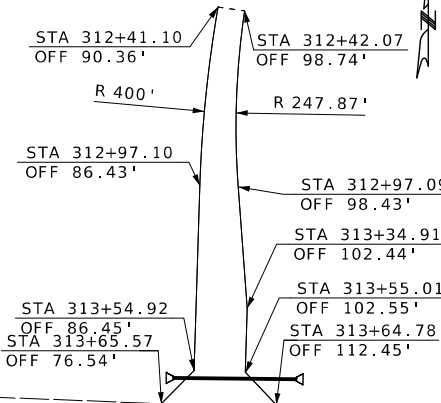
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PRIVATE ENTRANCE
TYPE I DRIVEWAY (AGGR.)
WIDTH = 9'
+1.17% GRADE
24" X 30' GROUP B PIPE



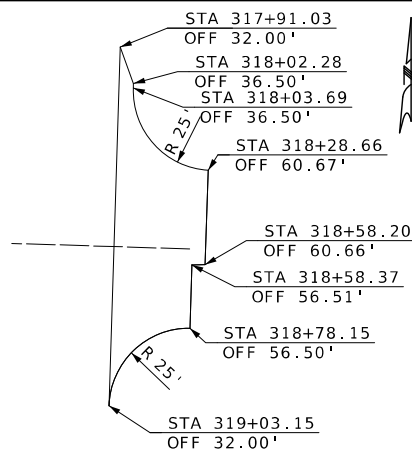
STA. 309+85.98
FIELD ENTRANCE
TYPE I DRIVEWAY (AGGR.)
WIDTH = 9'
-6.57% GRADE
NO PIPE



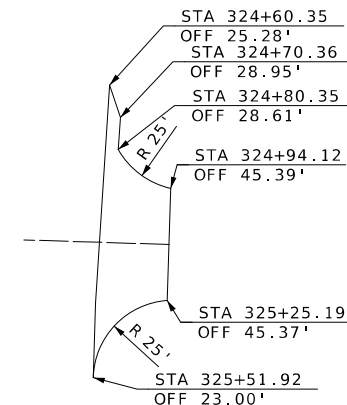
STA. 313+77.19
SPECIAL DRIVEWAY
TYPE I DRIVEWAY (ASPHALT SURFACE)
WIDTH = 24'
-5.28% GRADE
NO PIPE



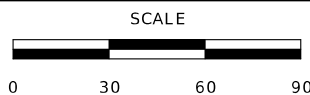
STA. 0+94.72
PRIVATE ENTRANCE
TYPE I DRIVEWAY (AGGR.)
WIDTH = 16'
-2.07% GRADE
15" X 34' GROUP B PIPE



STA. 318+43.43
PRIVATE ENTRANCE
TYPE I DRIVEWAY (AGGR.)
WIDTH = 11'
-11.23% GRADE
NO PIPE



STA. 325+09.65
PRIVATE ENTRANCE
TYPE I DRIVEWAY (AGGR.)
WIDTH = 35'
-12.21% GRADE
NO PIPE



SPECIAL SHEET
ENTRANCE DETAIL
SHEET 24 OF 31

STATE OF MISSOURI

JOJOE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

09/03/2026 4:53:05 PM

JOJOE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

8/3/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

144

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

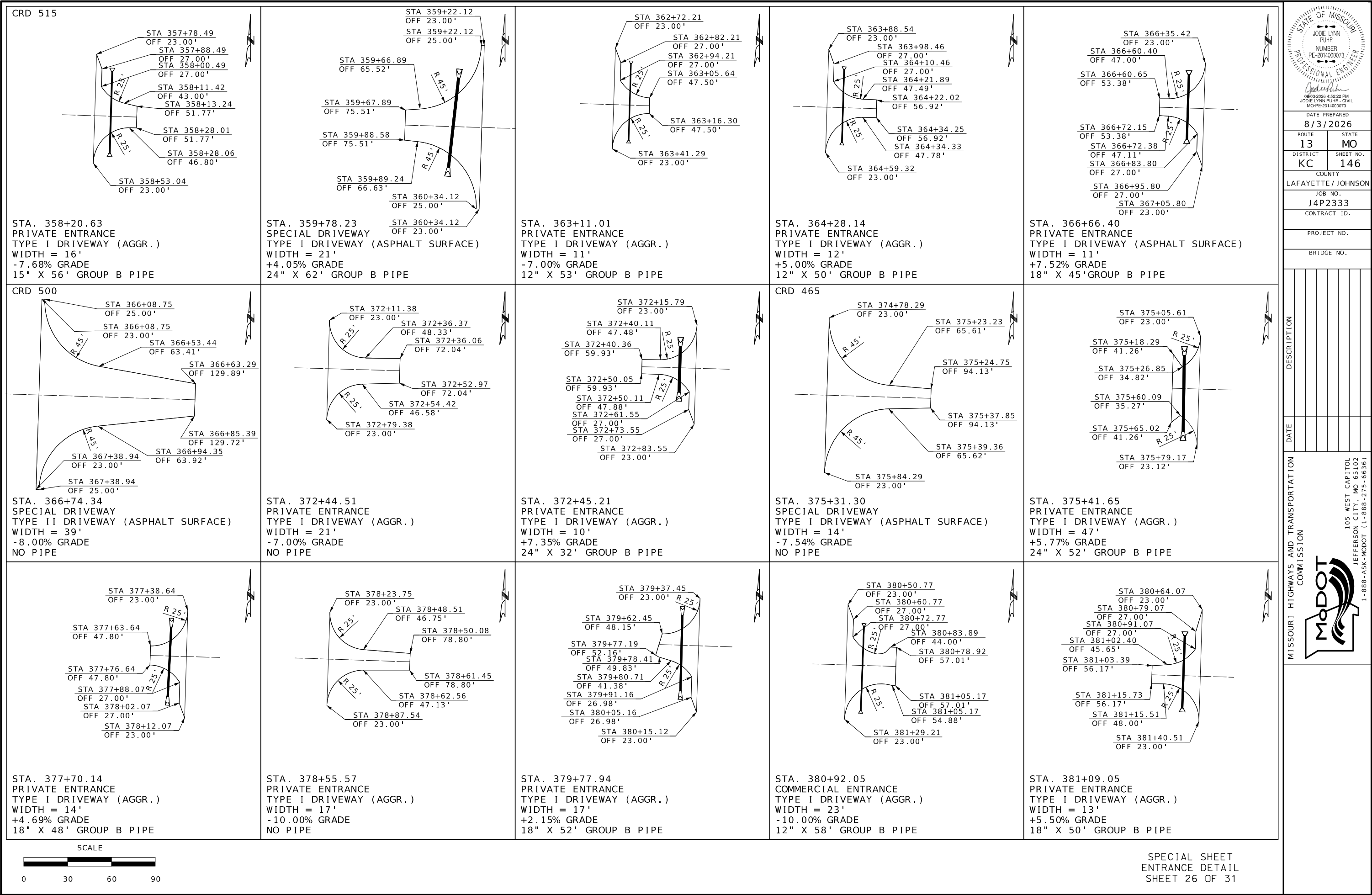
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

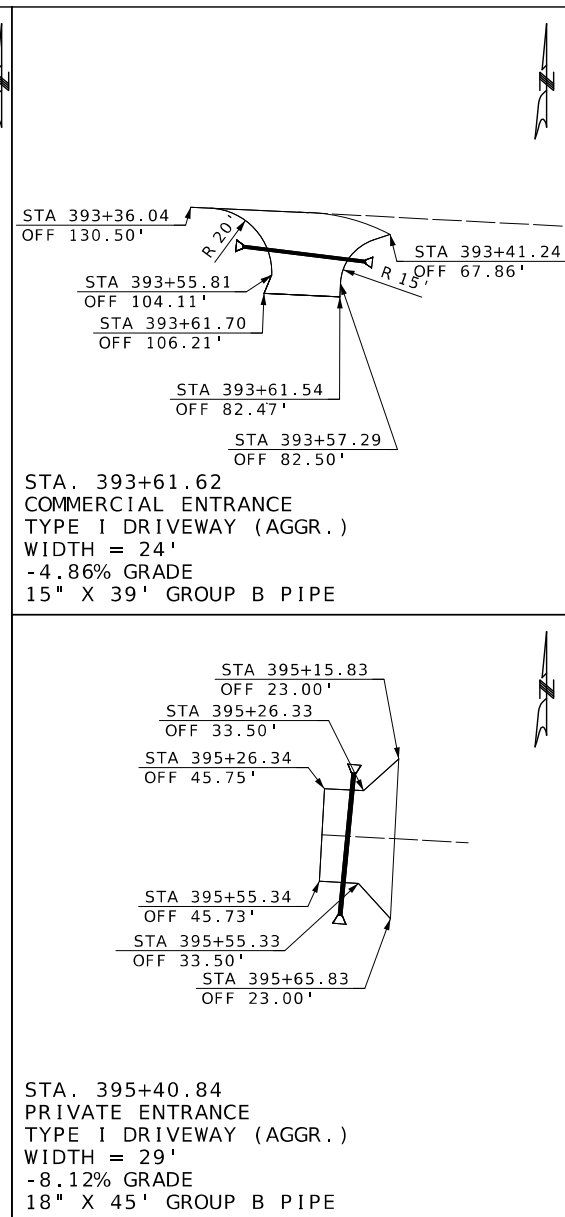
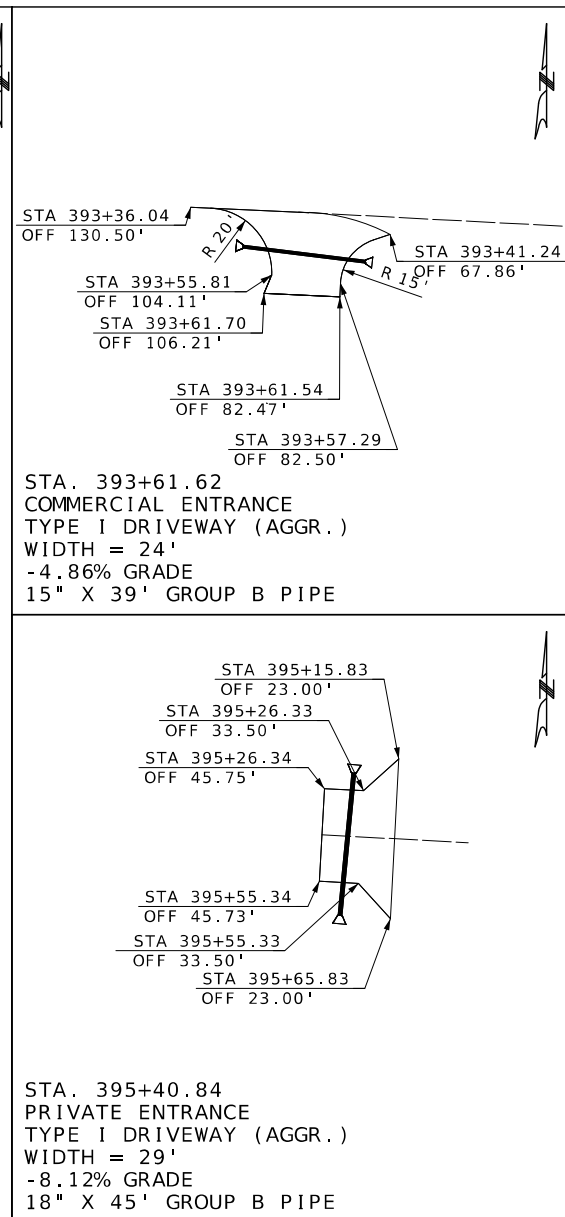
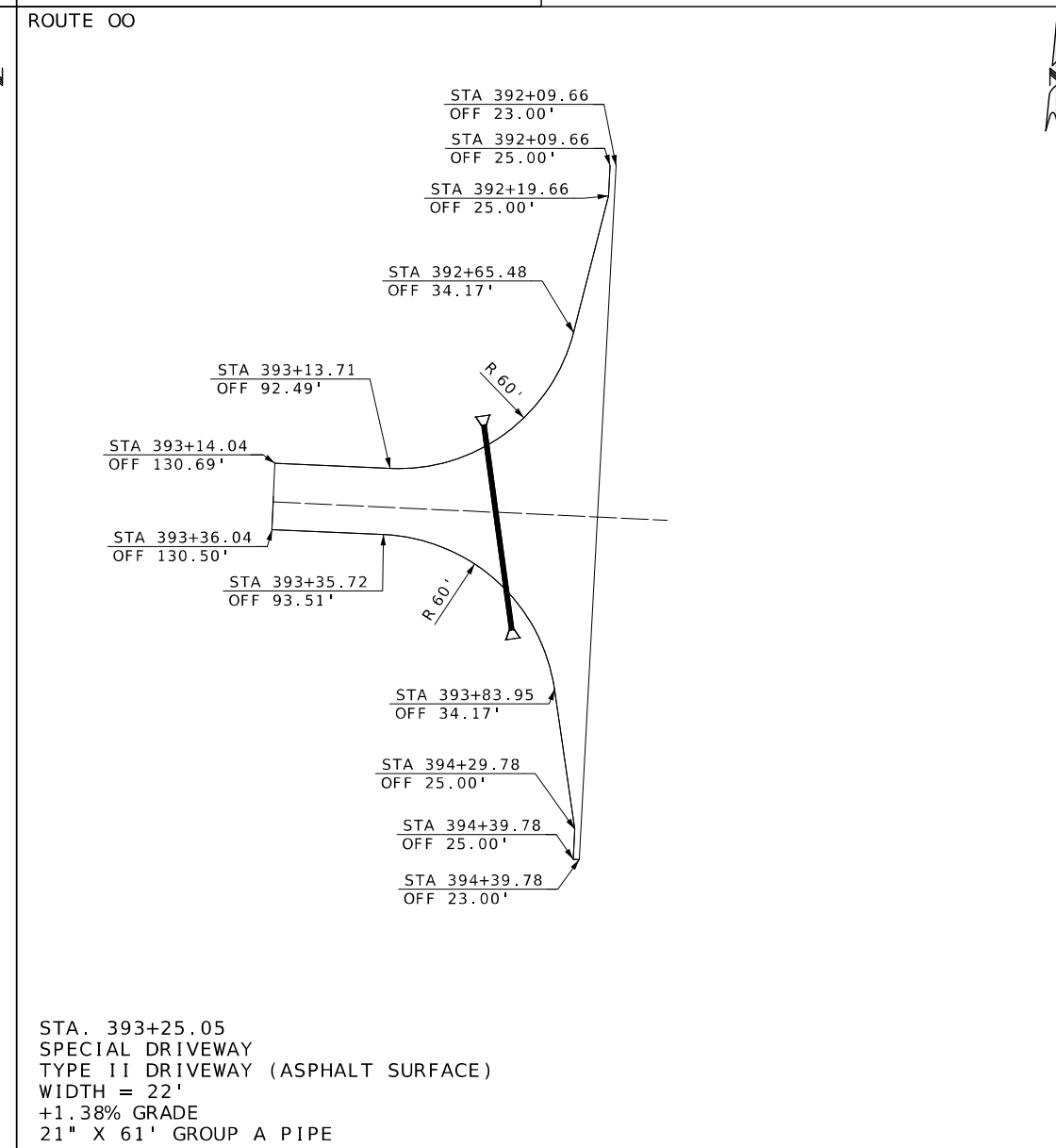
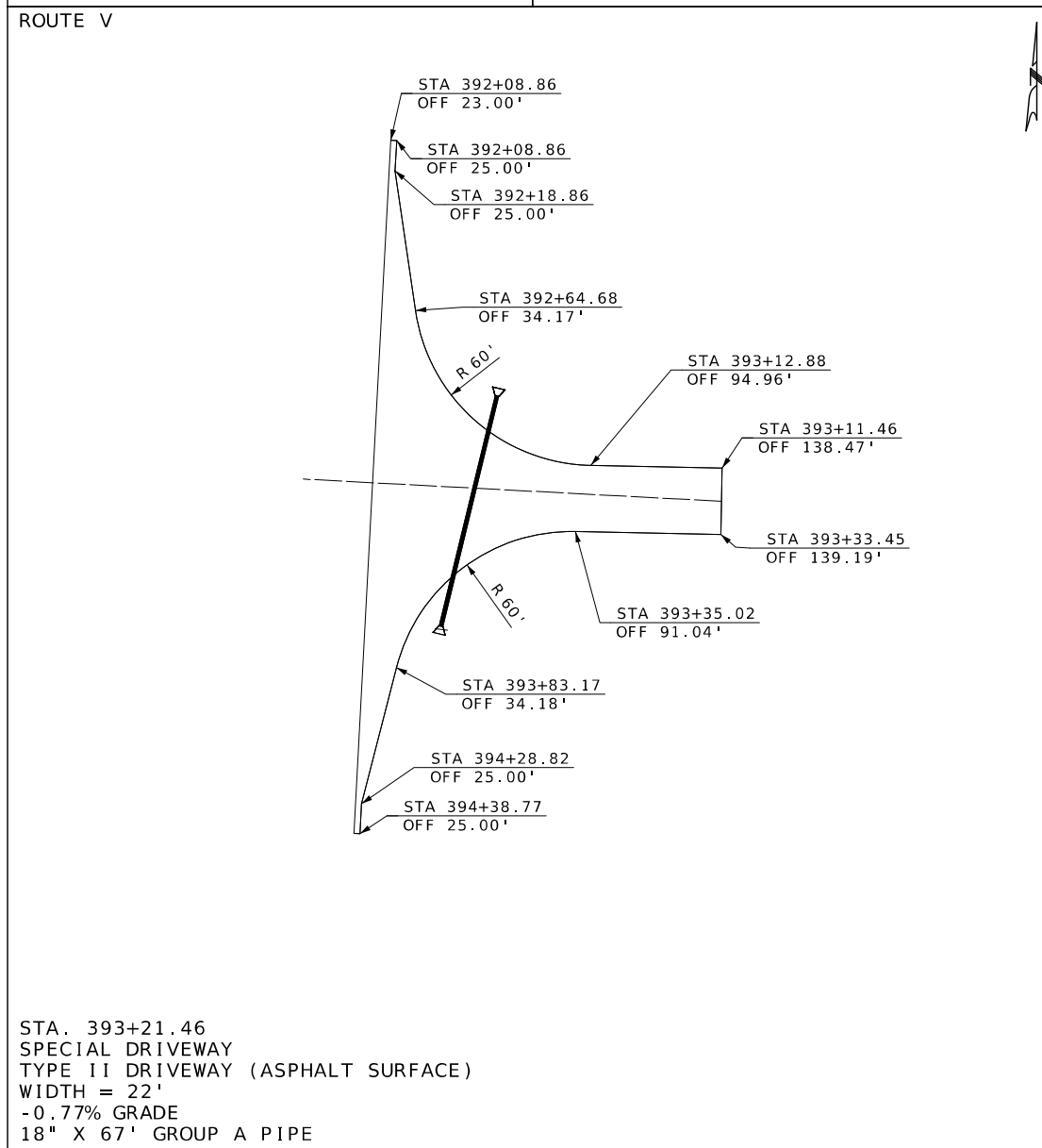
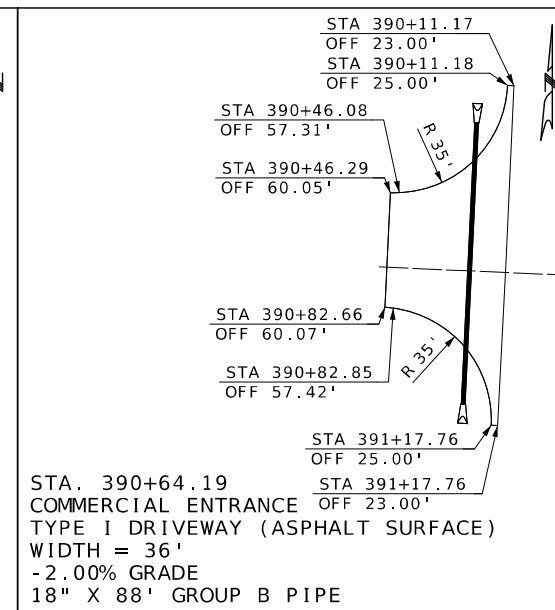
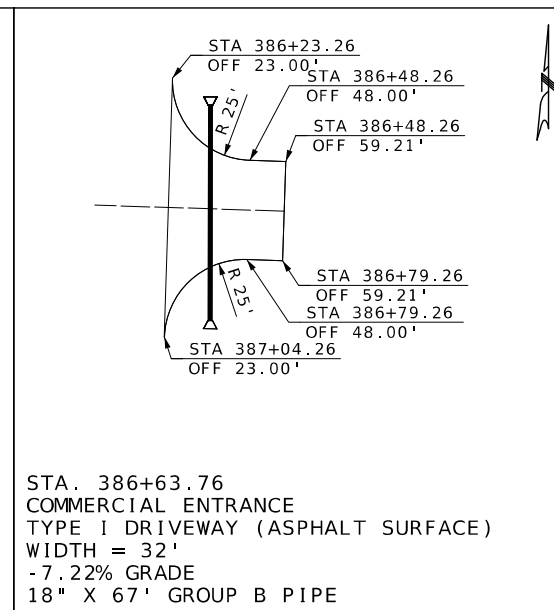
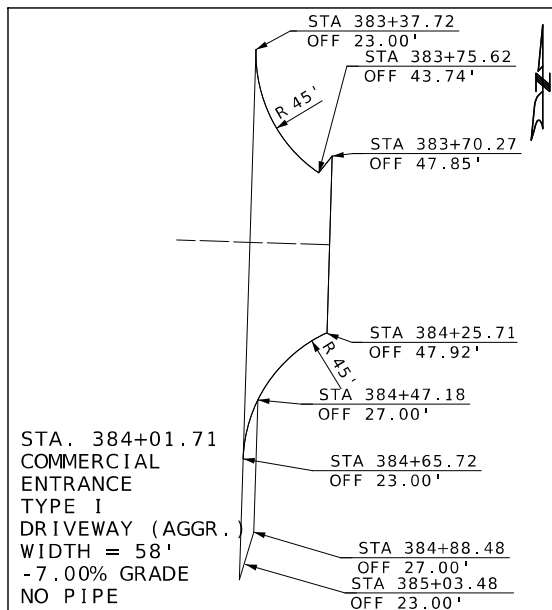
1-888-ASK-MODOT (1-888-275-6636)



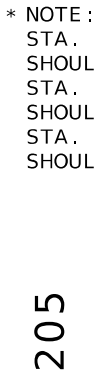
STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
DATE PREPARED
8/3/2026
ROUTE
13
STATE
MO
DISTRICT
KC
SHEET NO.
146
COUNTY
LAFAYETTE / JOHNSON
JOB NO.
J4P2333
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE
DESCRIPTION

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



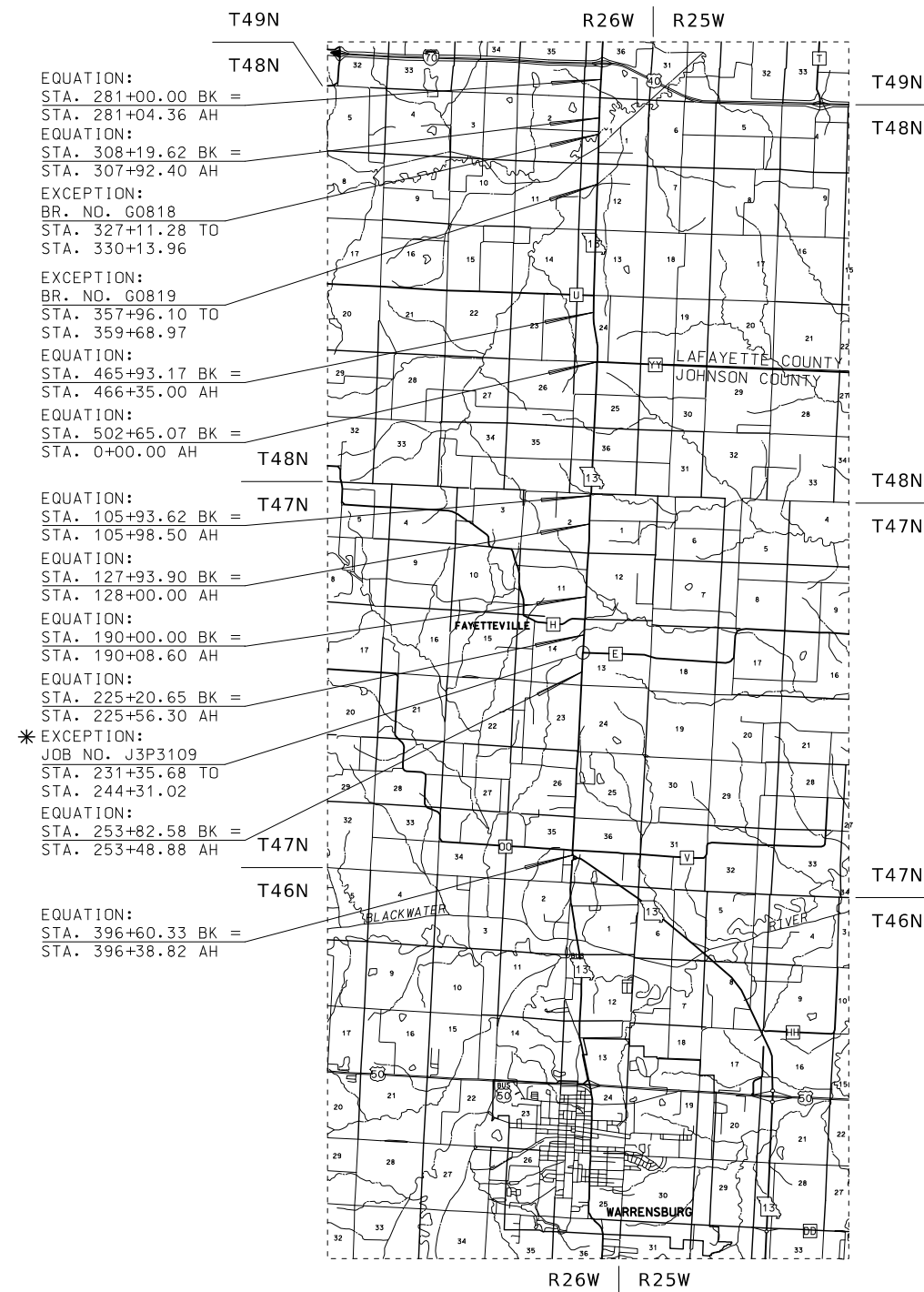
SPECIAL SHEET
ENTRANCE DETAIL
SHEET 27 OF 31



SPECIAL SHEET
ROUTE 13 AT
ROUTE H DETAILS
SHEET 28 OF 31

[illegible]

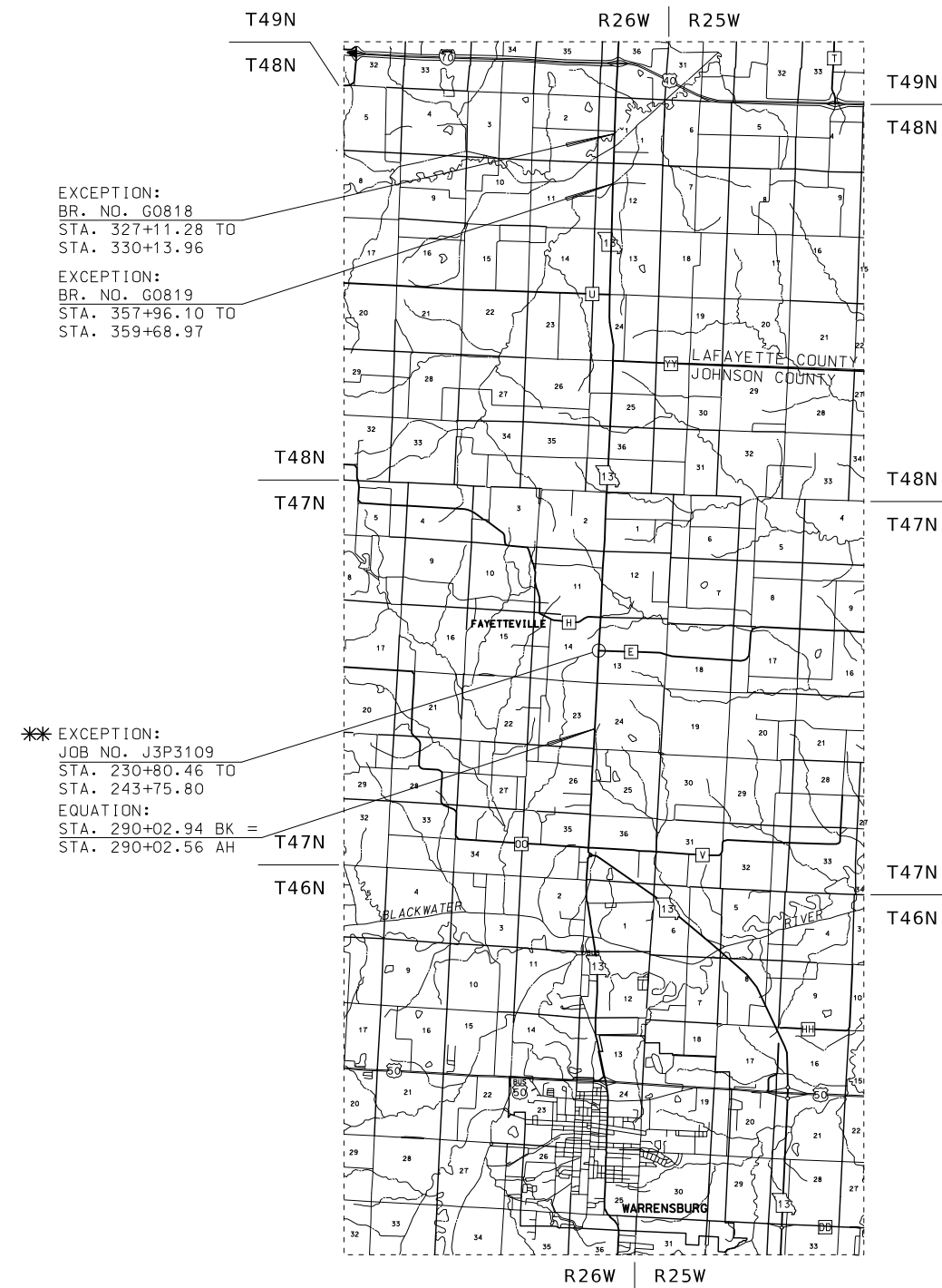
SURVEY @ ROUTE 13



*	SURVEY C ROUTE 13 EQUATIONS			
	JOB NO. J3P3109		JOB NO. J4P2333	
	STATION	OFFSET	STATION	OFFSET
	231+35.68	0	231+35.68	0
	244+31.02	0	244+31.02	0

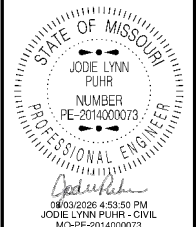
NOT TO SCALE

CONS 'T B ROUTE 13



CONS'T ROUTE 13 EQUATIONS			
JOB NO. J3P3109		JOB NO. J4P2333	
STATION	OFFSET	STATION	OFFSET
231+35.68	0	230+80.46	0.36' LT
244+31.02	0	243+75.80	1.29' LT

SPECIAL SHEET
ALIGNMENT DETAIL
SHEET 29 OF 31



DATE PREPARED
8/3/2026

ROUTE 13	STATE MO
-------------	-------------

DISTRICT	SHEET NO.
KC	149

COUNTY
LAFAYETTE / JOHNS

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

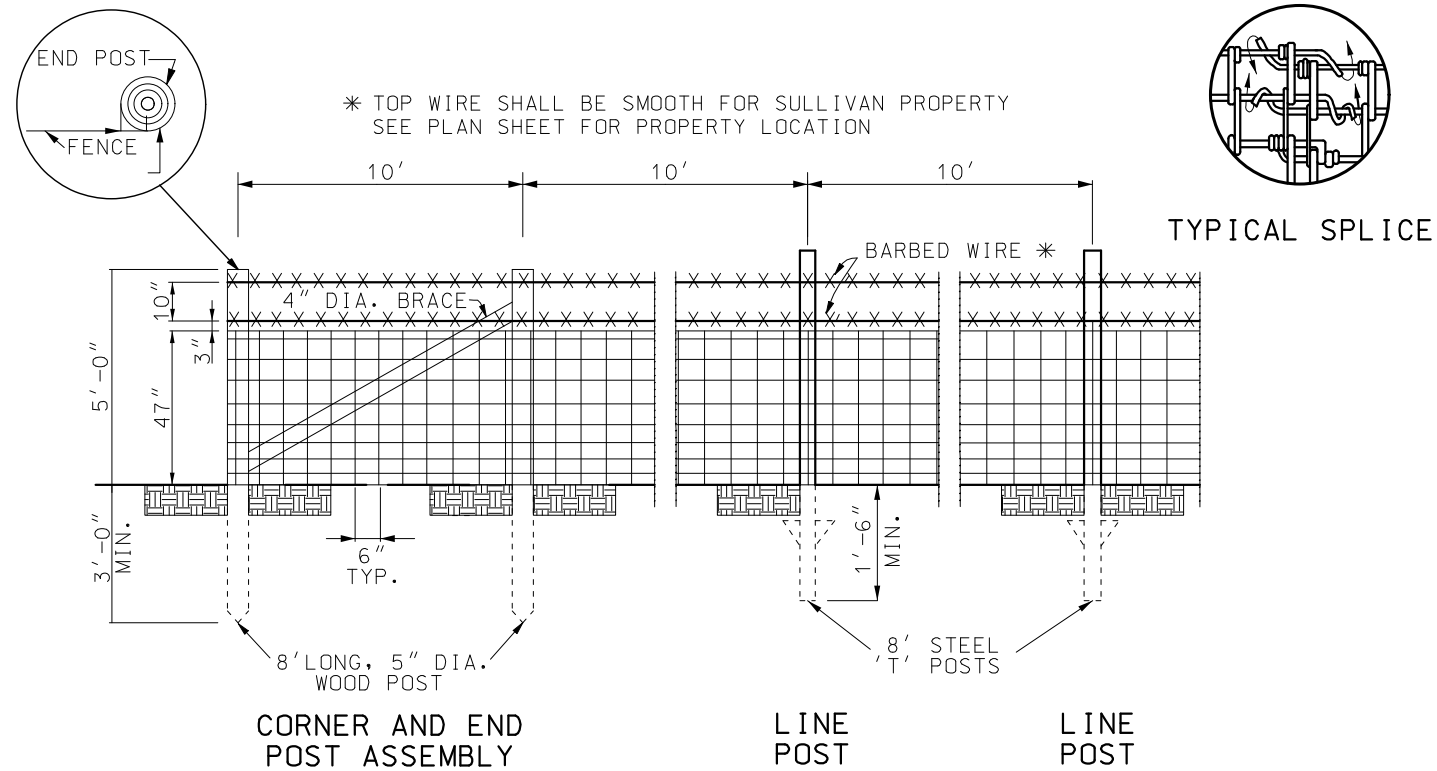
BRIDGE NO.

DATE	DESCRIPTION

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

 **MoDOT**

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



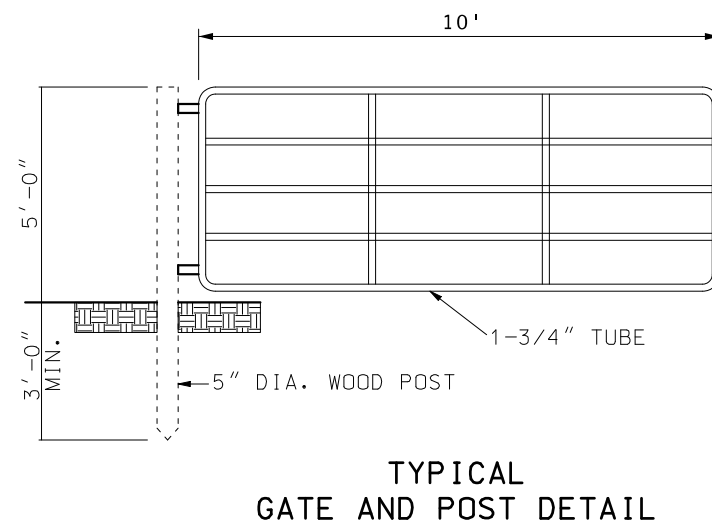
TEMPORARY FENCE

NOTES:

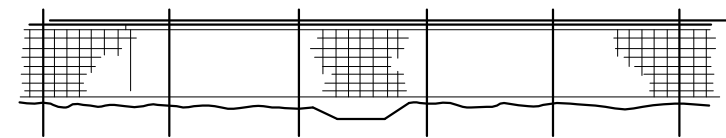
GATES SHALL BE 10' WIDE, 1-3/4" TUBE, 50" TALL AND INSTALLED WITH ALL HARDWARE OR APPROVED EQUAL

GATES SHALL BE INCLUDED IN THE PAYMENT FOR TEMPORARY FENCE

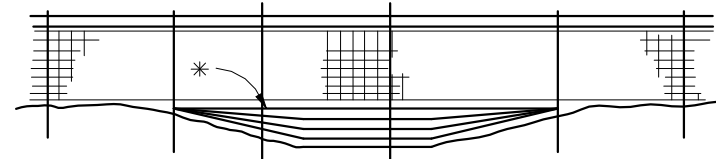
SEE QUANTITY SHEETS FOR GATE LOCATIONS



TYPICAL
GATE AND POST DETAIL



ROADWAY DITCHES OR SMALL SHALLOW CHANNELS
(SPAN WITH NORMAL LINE POST SPACING)



POORLY DEFINED CHANNELS (SMALL DRAINAGE AREAS)

TYPICAL FENCING AT
CHANNEL CROSSING

NOT TO SCALE

SPECIAL SHEET
TEMPORARY
FENCE DETAIL
SHEET 30 OF 31

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

09/03/2026 4:54:24 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

8/3/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

150

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

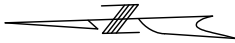
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



D.I. 1D19
STA 204+08.80, 26.36' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 1SS9
STA 203+78.83, 23.86' LT
1-12" X 15' RCP

D.I. 1D110
STA 203+48.80, 25.36' LT
1-4' X 2' PC TYPE A INLET
1-12" OPENING
PIPE 1SS10
STA 203+48.78, 28.11' LT
1-15" X 5.6' RCP

M.H. 1MH1
STA 203+48.68, 33.36' LT
1-PC 60" MANHOLE
2-15" OPENING
PIPE 1SS11
STA 203+12.70, 43.18' LT
1-15" X 68.8' RCP

D.I. 1D16
STA 205+25.77, 28.31' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 1SS6
STA 205+00.89, 25.89' LT
1-12" X 47.8' RCP

D.I. 1D17
STA 204+75.79, 27.47' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 1SS7
STA 204+67.32, 25.33' LT
1-12" X 15' RCP

D.I. 1D18
STA 204+58.78, 27.19' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 1SS8
STA 204+33.82, 24.77' LT
1-12" X 48' RCP

D.I. 1D14
STA 206+19.75, 29.87' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 1SS4
STA 205+97.79, 27.51' LT
1-12" X 42' RCP

D.I. 1D15
STA 205+75.77, 29.14' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 1SS5
STA 205+50.89, 26.73' LT
1-12" X 47.8' RCP

D.I. 1D11
STA 206+88.62, 32.5' LT
1-3' X 3' PC TYPE A INLET
1-12" OPENING
PIPE 1SS1
STA 206+78.73, 30.25' LT
1-12" X 17.7' RCP

D.I. 1D12
STA 206+69.14, 30' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 1SS2
STA 206+57.48, 28' LT
1-12" X 17.9' RCP

D.I. 1D13
STA 206+49.23, 30' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 1SS3
STA 206+34.51, 27.95' LT
1-12" X 27.5' RCP

D.I. 2D11
STA 207+74.20, 32.5' LT
1-3' X 3' PC TYPE A INLET
1-12" OPENING
PIPE 2SS1
STA 207+75.78, 29.5' LT
1-12" X 4.4' RCP

D.I. 2D12
STA 207+78.36, 30' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 2SS2
STA 207+88.36, 28' LT
1-12" X 18' RCP

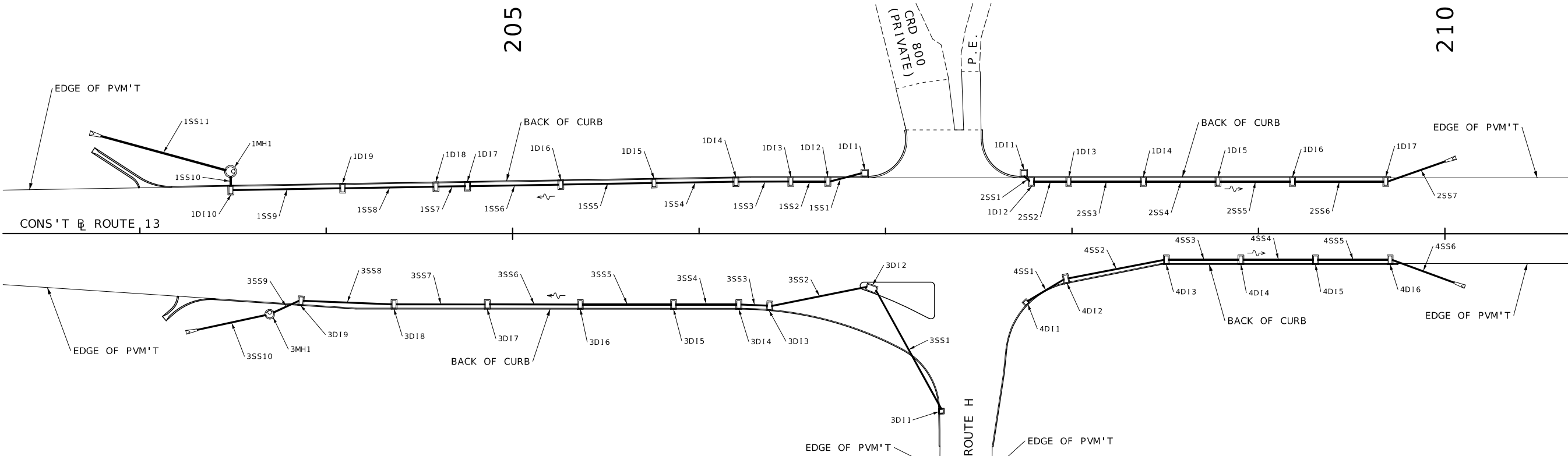
D.I. 2D13
STA 207+98.36, 30' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 2SS3
STA 208+18.36, 28' LT
1-12" X 38' RCP

D.I. 2D14
STA 208+38.36, 30' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 2SS4
STA 208+58.36, 28' LT
1-12" X 38' RCP

D.I. 2D15
STA 208+78.36, 30' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 2SS5
STA 208+98.36, 28' LT
1-12" X 38' RCP

D.I. 2D16
STA 209+18.36, 30' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 2SS6
STA 209+43.36, 28' LT
1-12" X 48' RCP

D.I. 2D17
STA 209+68.36, 30' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 2SS7
STA 208+84.80, 33.4' LT
1-12" X 32.9' RCP



D.I. 3D19
STA 203+86.36, 38.03' RT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 3SS9
STA 203+78.48, 39.21' RT
1-12" X 15.5' RCP

M.H. 3MH1
STA 203+69.70, 43.28' LT
1-PC 48" MANHOLE
2-12" OPENING
PIPE 3SS10
STA 203+48.29, 47.69' RT
1-12" X 37.9' RCP

D.I. 3D17
STA 204+86.33, 40' RT
1-2' X 2' PC TYPE A INLET
1-12" OPENING
PIPE 3SS7
STA 204+86.33, 40' RT
1-12" X 48' RCP

D.I. 3D18
STA 204+36.33, 40' RT
1-5' X 3' PC TYPE T INLET
2-12" OPENINGS
PIPE 3SS8
STA 204+11.41, 37.05' RT
1-12" X 47.9' RCP

D.I. 3D14
STA 206+21.33, 40' RT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 3SS4
STA 206+03.83, 38' RT
1-12" X 33' RCP

D.I. 3D15
STA 205+86.32, 40' RT
1-4' X 2' PC TYPE A INLET
2-12" OPENING
PIPE 3SS5
STA 205+61.33, 38' RT
1-12" X 48' RCP

D.I. 3D16
STA 205+36.33, 40' RT
1-4' X 2' PC TYPE A INLET
2-12" OPENING
PIPE 3SS6
STA 205+11.33, 38' RT
1-12" X 48' RCP

D.I. 3D11
STA 207+29.04, 95.31' RT
1-2' X 2' PC TYPE A INLET
1-12" OPENING
PIPE 3SS1
STA 207+12.48, 62.28' RT
1-12" X 73.1' RCP

D.I. 3D12
STA 206+91.94, 30.82' RT
1-5' X 3' PC TYPE T INLET
2-12" OPENINGS
PIPE 3SS2
STA 206+64.46, 33.68' RT
1-12" X 53.3' RCP

D.I. 3D13
STA 206+37.42, 40.72' RT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 3SS3
STA 206+29.57, 38.32' RT
1-12" X 14.5' RCP

D.I. 4D11
STA 207+76.03, 37.67' RT
1-2' X 2' PC TYPE A INLET
1-12" OPENING
PIPE 4SS1
STA 207+85.96, 30.34' RT
1-12" X 23.1' RCP

D.I. 4D12
STA 207+97.25, 26.17' RT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 4SS2
STA 208+23.70, 19' RT
1-12" X 52.8' RCP

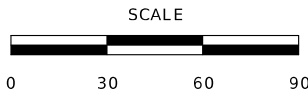
D.I. 4D13
STA 208+50.61, 16' RT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 4SS3
STA 209+70.61, 14' RT
1-12" X 38' RCP

D.I. 4D14
STA 208+90.62, 16' RT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 4SS4
STA 209+10.62, 14' RT
1-12" X 38' RCP

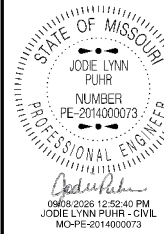
D.I. 4D15
STA 209+30.62, 16' RT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 4SS5
STA 208+50.61, 14' RT
1-12" X 38' RCP

D.I. 4D16
STA 209+70.61, 16' RT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 4SS6
STA 209+88.35, 20.16' RT
1-12" X 35.7' RCP

NOTE:
SEE CULVERT SHEETS 16 TO 20 OF 28
FOR ADDITIONAL DETAIL.



SPECIAL SHEET
STORM SEWER
RTE 13 AT RTE H
SHEET 31 OF 31



DATE PREPARED
9/8/2026

ROUTE
13

DISTRICT
KC

COUNTY
LAFAJETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



Sign Spacing, Device Spacing and Channelizing Taper Lengths

SIGN SPACING (S) FOR ADVANCE SIGN SERIES (1) (2)		
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 SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205	225	245	35	40
40-45	450	495	540	40	80
50-55	550	605	660	50	80
60-70	700	770	840	60	120

SIGN SPACING NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

- (1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION
- (2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

LONGITUDINAL BUFFER SPACE (B)	
SPEED MPH	BUFFER SPACE
0-35	250
40-45	360
50-55	495
60-70	730

TAPER LENGTH (L):

L = WS FOR 40 MPH OR MORE

$L = \frac{WS^2}{60}$ FOR 35 MPH OR LESS

FOR SHOULDER TAPER USE L/3 (T1)

WHERE:

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED IN MPH

EPG TABLE 616.12 RECOMMENDED MAXIMUM SPEED REDUCTIONS	
ACTIVITY (I.E. WORKERS, EQUIPMENT OR MATERIAL) LOCATION	RECOMMENDED WORK ZONE SPEED REDUCTION (WHEN APPLICABLE)
10 FT. BEYOND THE EDGE OF TRAVELWAY TO EDGE OF RIGHT OF WAY	NO SPEED REDUCTION
IN TRAFFIC LANE OR WITHIN 10 FT. OF THE TRAFFIC LANE	10 MPH
HEAD-TO-HEAD ON MULTILANE	10 MPH
SPECIAL CIRCUMSTANCES WITHIN A TEMPORARY TRAFFIC CONTROL WORK ZONE MAY WARRANT A LOWER SPEED LIMIT THAN RECOMMENDED ABOVE. ALL SPEED LIMIT REDUCTIONS GREATER THAN 10 MPH SHALL BE DOCUMENTED, SUBMITTED TO AND APPROVED BY THE DISTRICT WORK ZONE COORDINATOR.	

SPEED REDUCTION NOTES:

1. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHOULD BE INSTALLED AT THE END OF THE REDUCED AREA PROVIDED NO OTHER REDUCTION IS IMPOSED WITHIN THE NEXT 1/2 MILE OR NO EXISTING SPEED LIMIT SIGN IS LOCATED WITH THE NEXT 1/2 MILE.
2. TEMPORARY SPEED LIMIT SIGNS SHALL BE REMOVED, COVERED OR TURNED WHEN THE CONDITIONS REQUIRING THE REDUCED SPEED NO LONGER EXIST.

SUGGESTED CONSTRUCTION SEQUENCE

- (1) PROJECT SITE CLEARING
- (2) UTILITY RELOCATION
- (3) WATERLINE INSTALLATION
- (4) SHOULDER REBUILD (STRENGTHENING)
- (5) CULVERT WORK
- (6) BUILD AND RESURFACE:
NORTHBOUND PASSING LANE 1 AND ROUTE YY,
SOUTHBOUND PASSING LANE 1 AND 2
- (7) BUILD ROUTE H & ROUTE E
- (8) BUILD AND RESURFACE:
NORTHBOUND PASSING LANE 2,
TWO-WAY LEFT-TURN LANE

TRAFFIC CONTROL DEVICES

GENERAL NOTES:

1. SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
2. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
4. CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
6. LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.

TRAFFIC CONTROL LEGEND

● SIGN (SINGLE SIDED)

■ SIGN (DOUBLE SIDED)

⚠ FLAGGER

▲ CONE

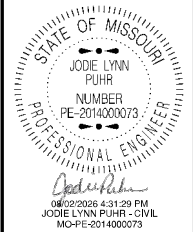
■ CHANNELIZER

E BARRICADE

📄 CHANGEABLE MESSAGE BOARD

🚚 TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL

DEVICE SPACING
TRAFFIC CONTROL SHEET
SHEET 1 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 152
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE





R	o	a	d								
9,875	17,125	23,125	29,750								
I	m	p	r	o	v	e	m	e	n	t	s
9,875	14,000	24,000	30,625	35,000	41,000	47,625	54,250	63,750	70,375	76,750	81,625
9,875	F	a	I	55,250	2	0	2	8			
42,750	47,000	52,375	56,250	62,125	67,375	72,625	77,875				



NOTES:

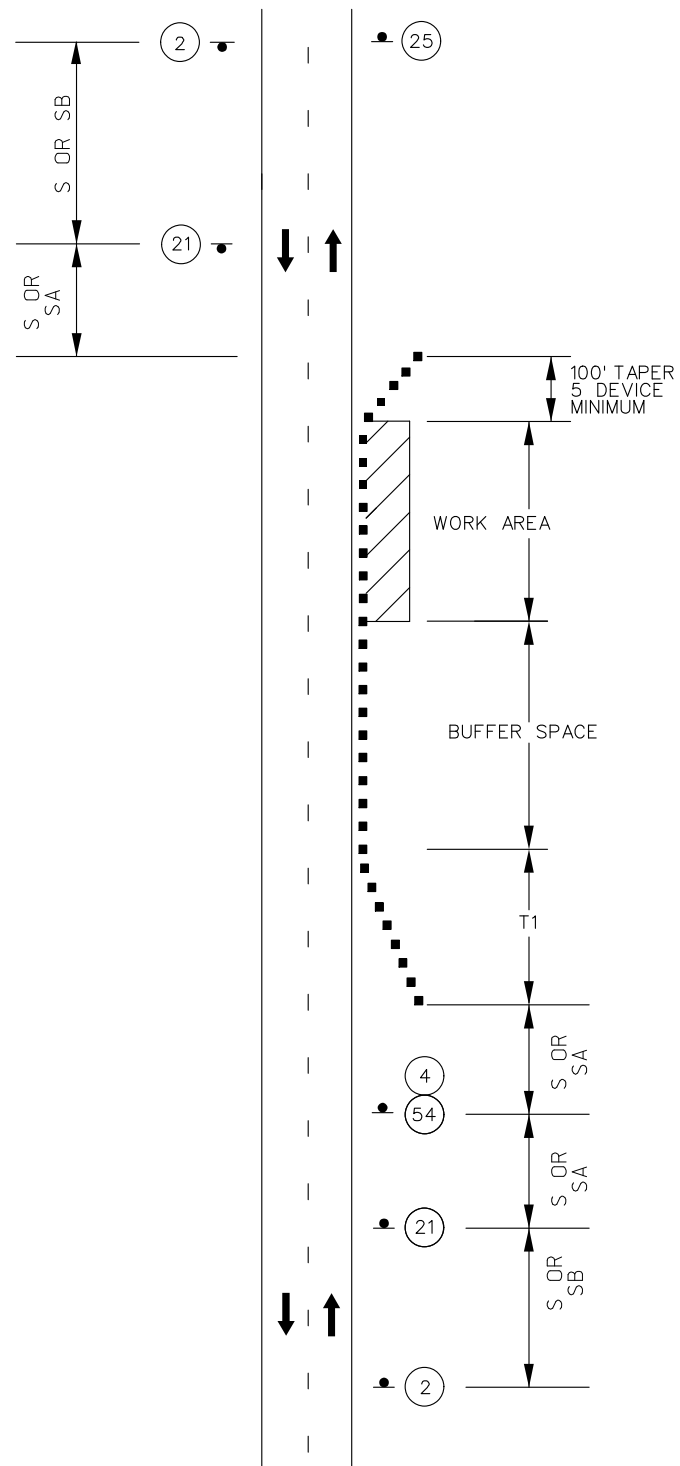
ONLY APPLICABLE WHEN WORK IS WITHIN THE CLEAR ZONE.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE
SPACING AND CHANNELIZING TAPER LENGTHS.

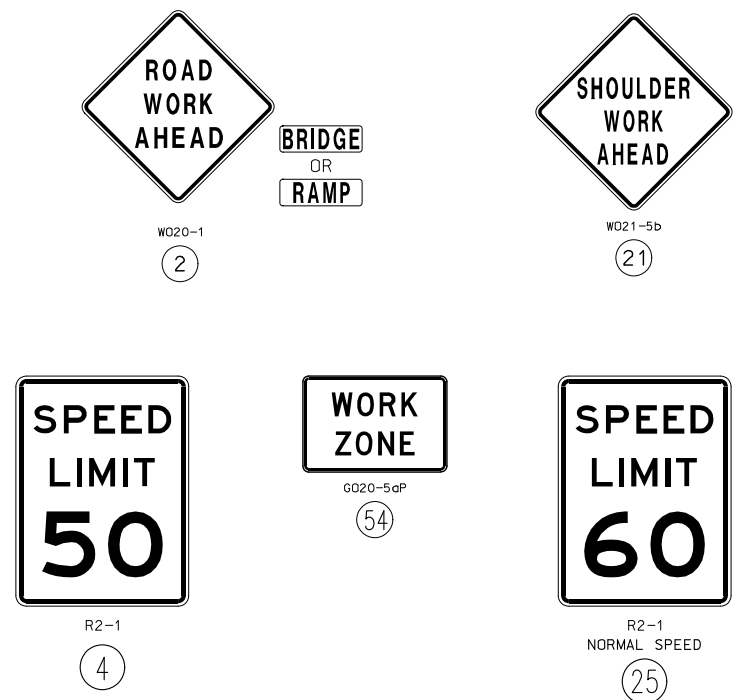
SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED
LIMIT GUIDELINES.

ON MULTI-LANE, DIVIDED HIGHWAYS SIGNS ADVISING OF SHOULDER WORK OR THE CONDITION OF THE SHOULDER SHOULD BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.

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



SHOULDER WORK WITH NO
TRAVELWAY ENCROACHMENT



NOTES:

SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED
LIMIT GUIDELINES.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE
SPACING AND CHANNELIZING TAPER LENGTHS.

SIGN 2 NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.

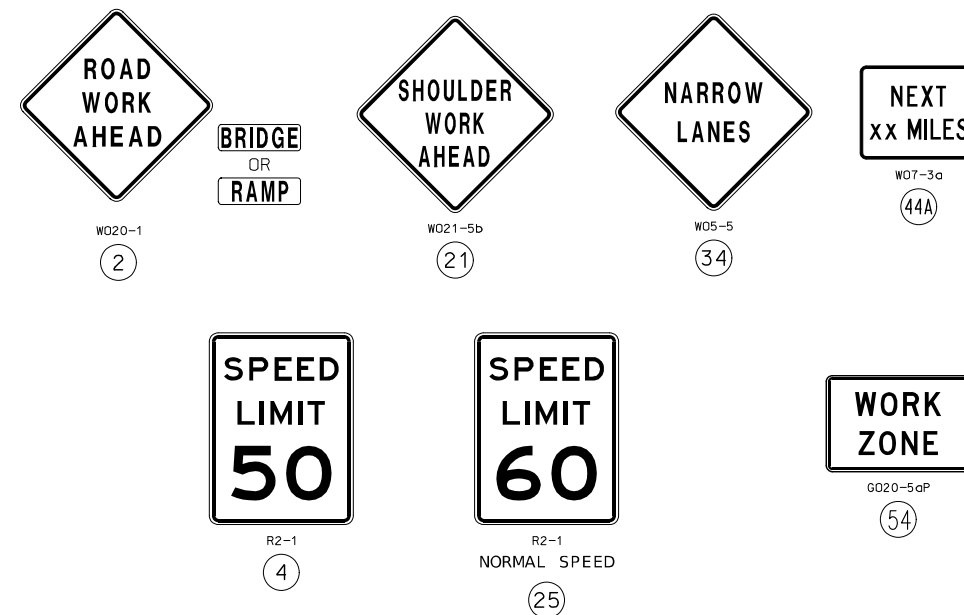
PROVIDE SIGNS ON LEFT AND RIGHT SIDE OF DIVIDED HIGHWAYS.

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

WHEN PAVED SHOULDERS HAVING A WIDTH OF 8 FEET OR MORE ARE CLOSED, AT LEAST ONE ADVANCE WARNING SIGN SHALL BE USED. IN ADDITION, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND DIRECT VEHICULAR TRAFFIC TO REMAIN WITHIN THE TRAVELED WAY.

TRAFFIC CONTROL SHEET
SHOULDER WORK
SHEET 3 OF 66

[illegible]



SEE TRAFFIC CONTROL SHEET 1 FOR WORKZONE SPEED LIMIT GUIDELINES.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

SIGN 2 NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.

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 LEGEND ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

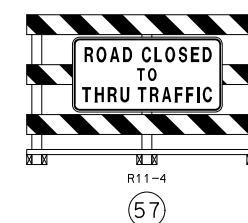
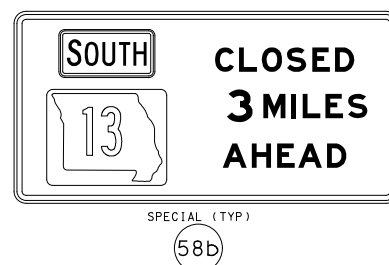
VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH -INTENSITY ROTATING FLASHING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

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

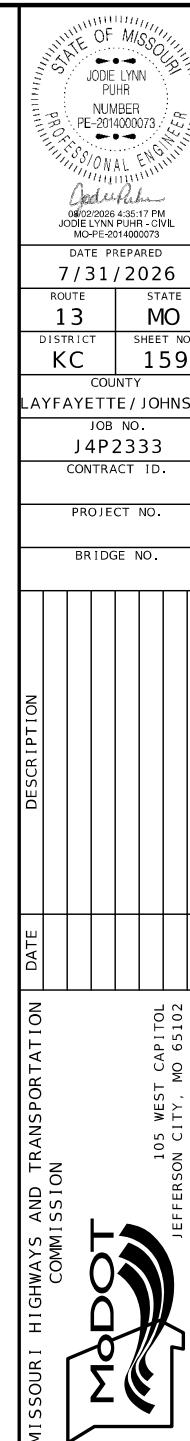
(1). SIGN 44A NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

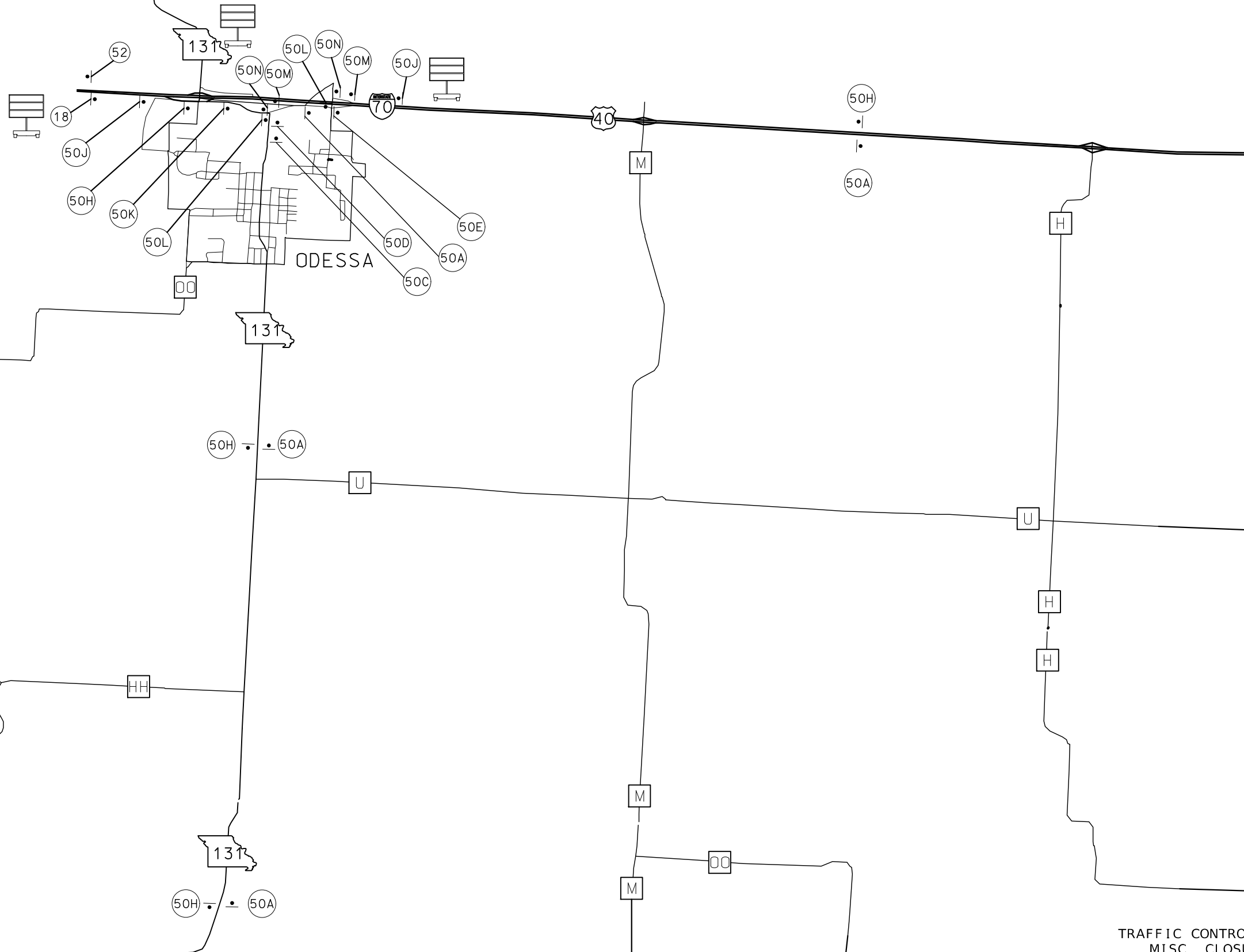
TRAFFIC CONTROL SHEET
SHOULDER WORK
MINOR ENCROACHMENT
SHEET 4 OF 66

[illegible]



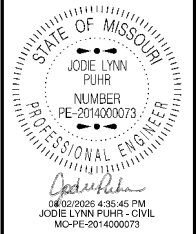
TRAFFIC CONTROL SHEET
RTE 13 DETOUR SIGNS
SHEET 8 OF 66





MATCHLINE SHEET 12 OF 66

TRAFFIC CONTROL SHEET
 _____ MISC. CLOSURES
 RTE 13 DETOUR
 SHEET 9 OF 66

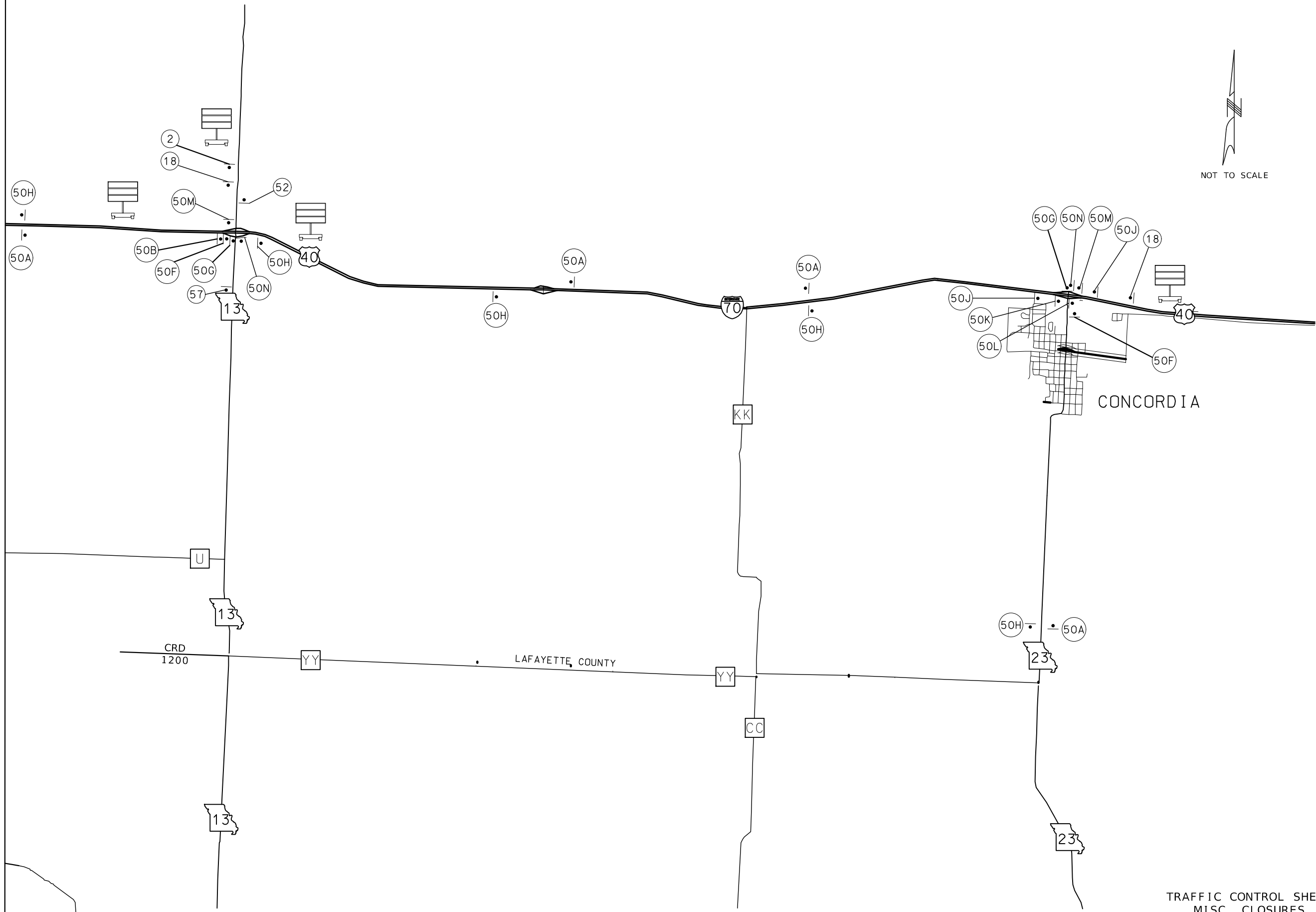


DATE PREPARED	
7/31/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	160
COUNTY	
LAYFAYETTE / JOHNSON	
JOB NO.	
J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

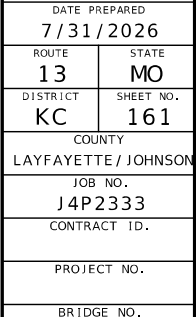
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



MATCHLINE SHEET 11 OF 66

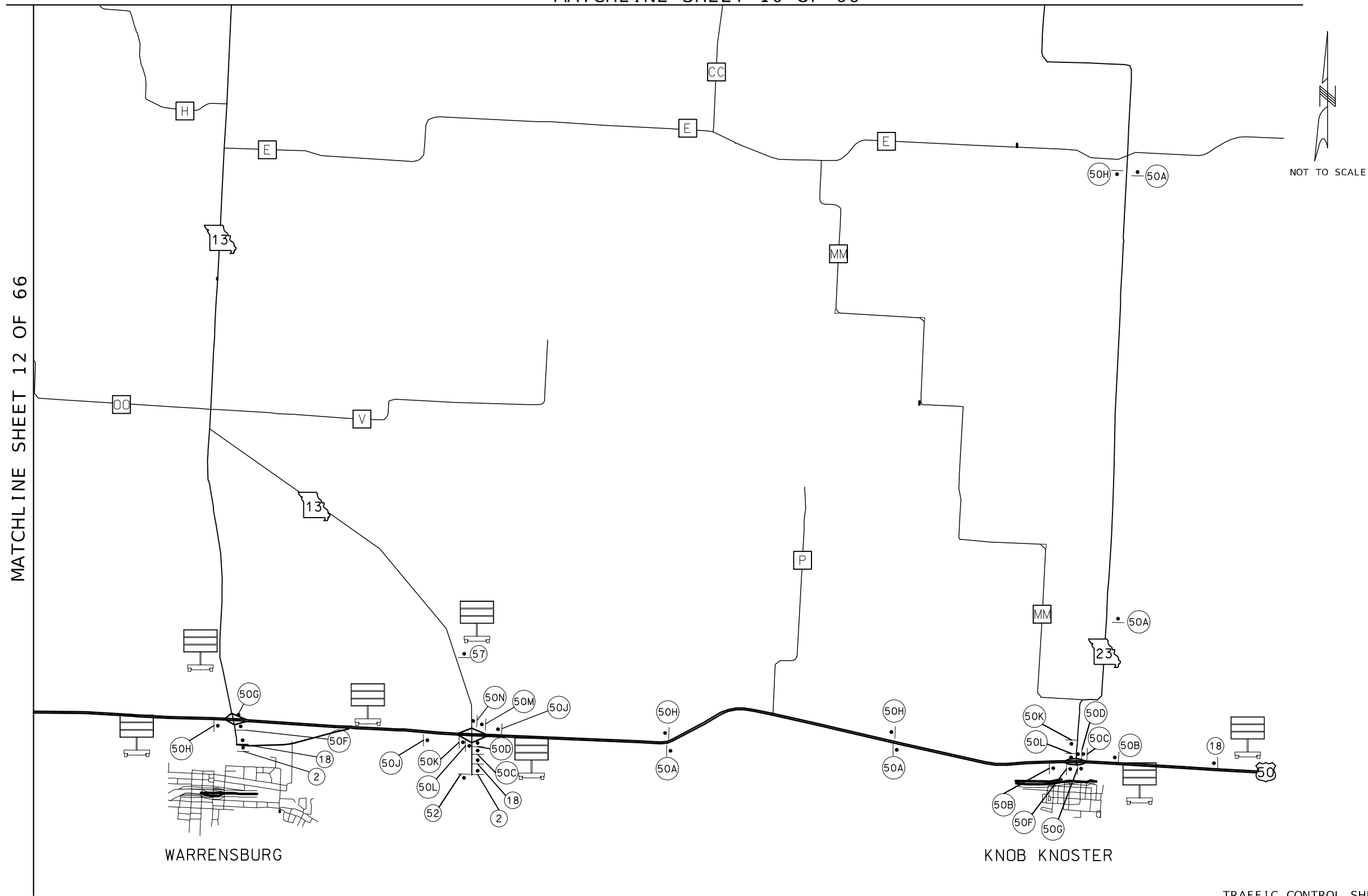
[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MATCHLINE SHEET 12 OF 66

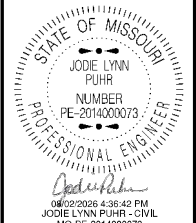
MATCHLINE SHEET 10 OF 66



WARRENSBURG

KNOB KNOTTER

TRAFFIC CONTROL SHEET
MISC. CLOSURES
RTE 13 DETOUR
SHEET 11 OF 66

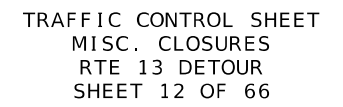


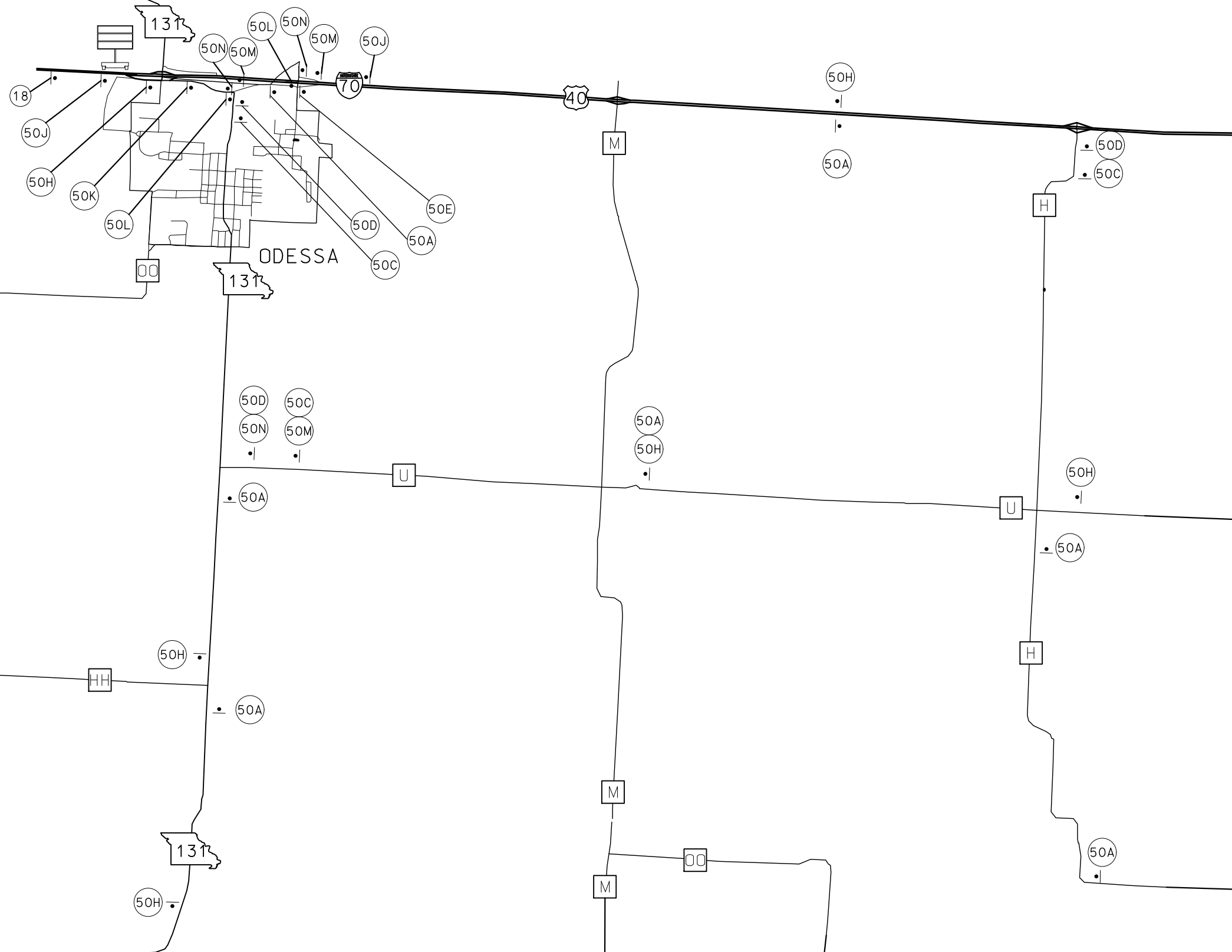
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 162
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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





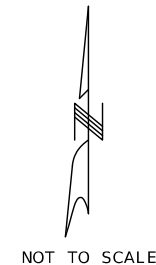
TRAFFIC CONTROL SHEET
ROUTE 13 CLOSURE AT RTE YY
SHEET 13 OF 66



NOT TO SCALE

TRAFFIC CONTROL SHEET
ROUTE 13 CLOSURE AT ROUTE 70

TRAFFIC CONTROL SHEET
ROUTE 13 CLOSURE AT RTE YY
SHEET 14 OF 66



CONTRACT ID.

PROJECT NO.

BRIDGE NO.

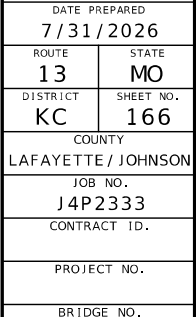
[illegible]


 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102

WARRENSBURG

KNOB KNOSTER

TRAFFIC CONTROL SHEET
RTE 13 CLOSURE AT RTE YY
SHEET 15 OF 66

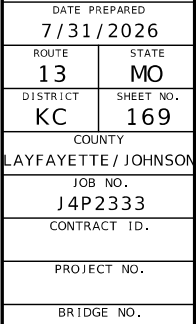
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



TRAFFIC CONTROL SHEET
DETOUR RTE 13 CLOSURE AT RTE H
SHEET 18 OF 66



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

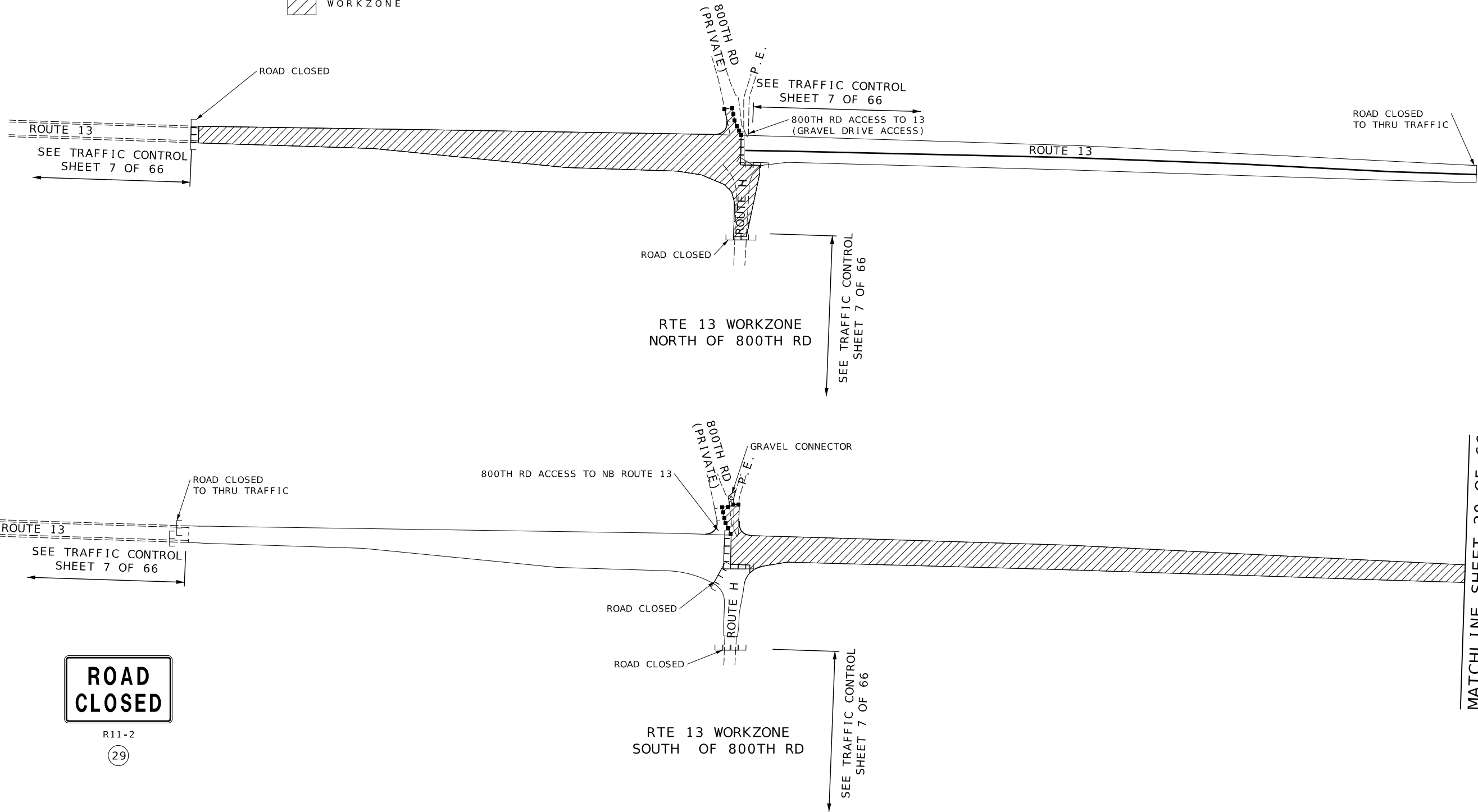
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- E TYPE III MOVEABLE BARRICADE
- ▨ WORKZONE

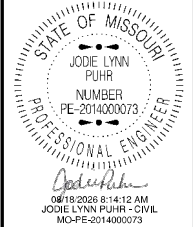
CONTRACTOR MAY ELECT TO CONSTRUCT EITHER THE NORTH OR SOUTH SECTIONS OF RTE 13 FIRST. ACCESS MUST BE MAINTAINED TO 800TH RD.



R11-2
(29)

NOT TO SCALE

TRAFFIC CONTROL SHEET
RTE 13 CLOSURE AT H 800TH RD ACCESS
SHEET 19 OF 66

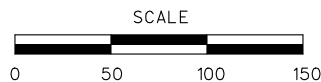
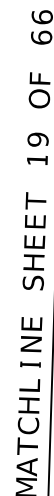


DATE PREPARED 8/11/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 170
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



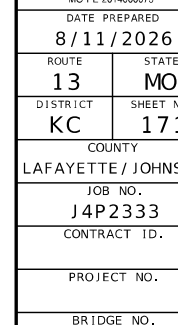
R11-2

(29)

WO20-3
(20A)

R11-4
(57)

 SIGN (SINGLE SIDED)
 CHANNELIZER
 TYPE III MOVEABLE BARRICADE
 WORKZONE

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TRAFFIC CONTROL SHEET
RTE 13 CLOSURE AT RTE H
SHEET 20 OF 66



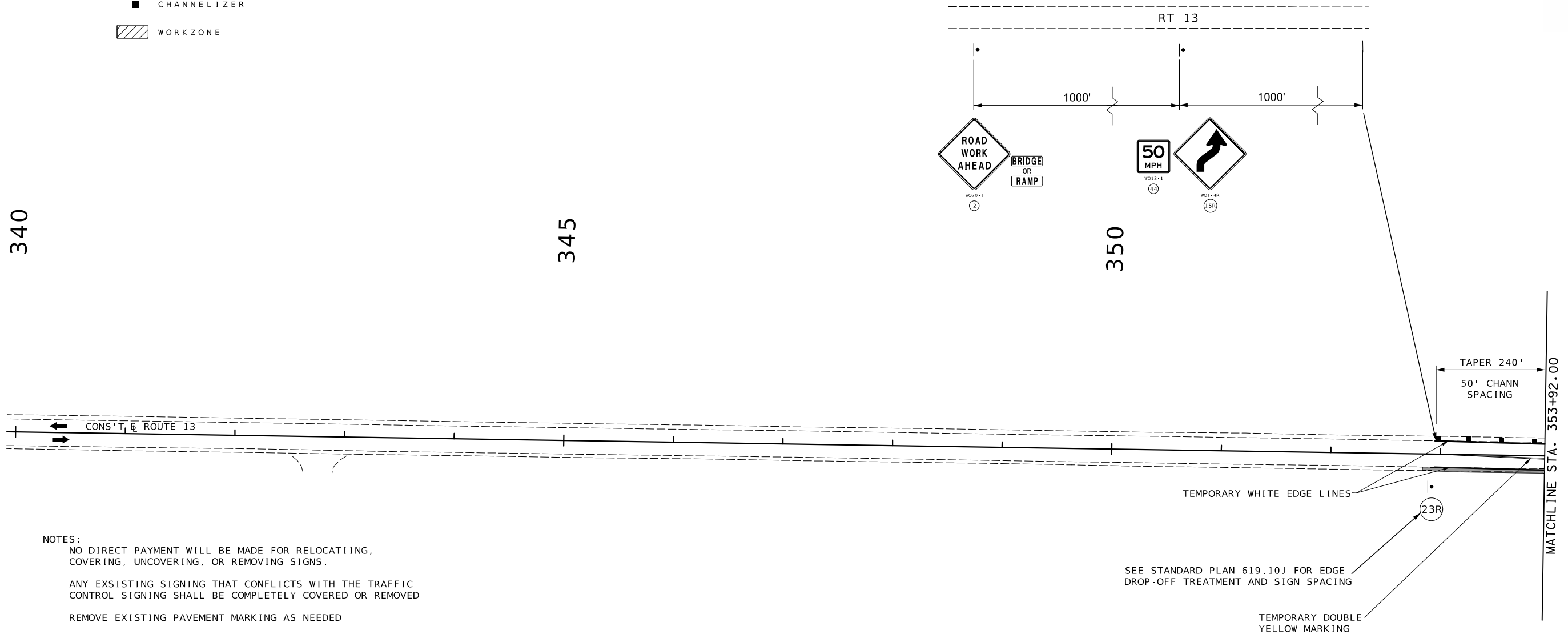
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

340

345

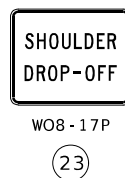
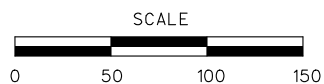
RTE 13 ADVANCED SIGN SERIES



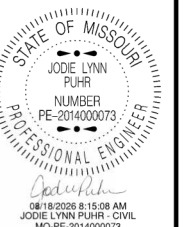
- NOTES:
- NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.
 - ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED
 - REMOVE EXISTING PAVEMENT MARKING AS NEEDED
 - SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS
 - EDGE DROP OFF TREATMENT REQUIRED AS PER STANDARD PLAN 619.10
 - SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
 - ALL TEMPORARY PAVEMENT MARKING IS 4 IN. WIDE

PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 1
SHEET 21 OF 66

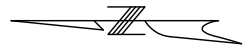


DATE PREPARED 8/10/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 172
COUNTY LAYFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

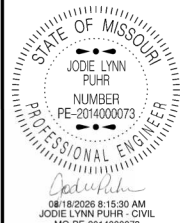
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING



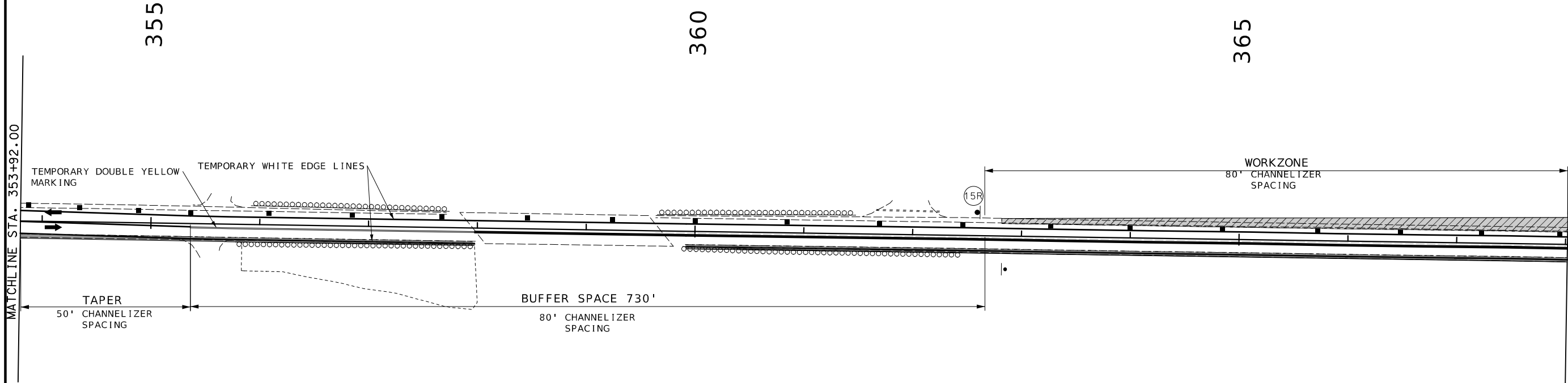
DATE PREPARED 8/10/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 173
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

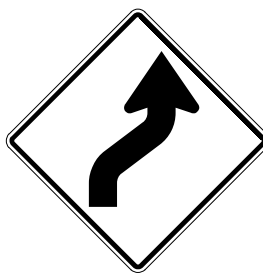
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

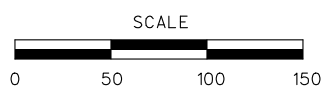
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



W01-4R
(15R)





-
- Diagram illustrating a 12-foot wide lane configuration. The lane is divided into two 10-foot narrow lanes by a 2-foot shoulder (SHY) on each side. A 3.5-foot buffer zone is shown on the left, with a variable work zone indicated below it. The diagram also shows a 2-foot shoulder (SHY) on the right. A note indicates: PVM'T EDGE TREATMENT 1V:3H SEE STANDARD PLAN 619.10.

80' CHANNELIZER SPACING

TEMPORARY DOUBLE
YELLOW MARKING

TEMPORARY WHITE EDGE LINES

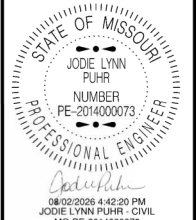
CONST E ROUTE 13

MATCHLINE STA. 382+00.00

PAVEMENT LEGEND

- SCALE
- 
- 0 50 100 150

TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 1
SHEET 23 OF 66



DATE PREPARED

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	174

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

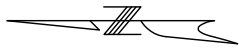
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

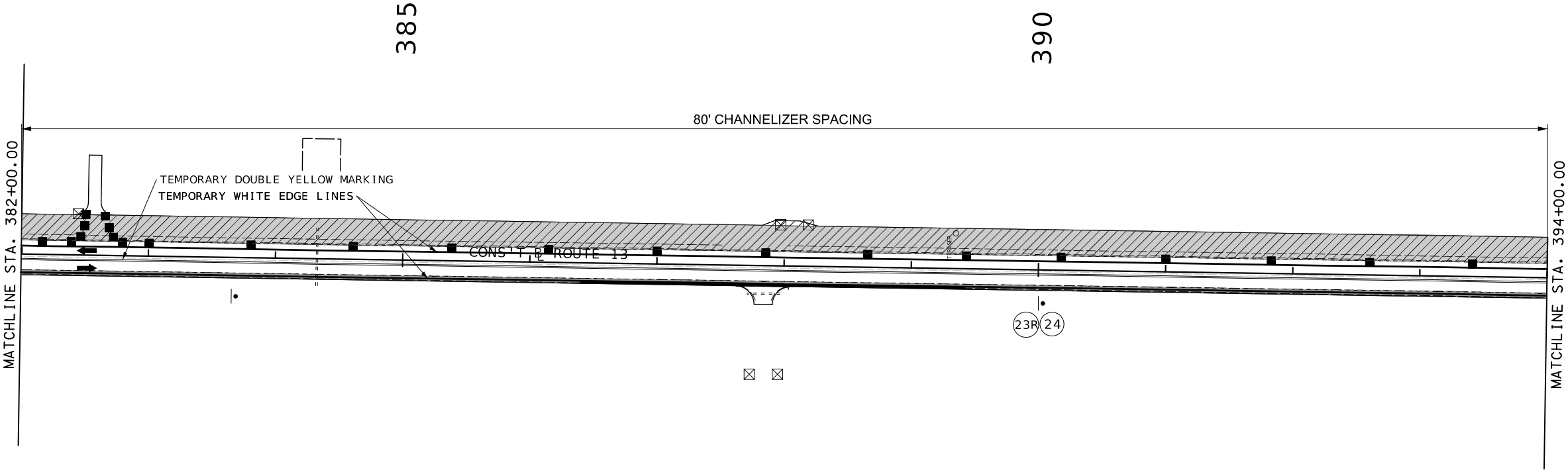
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



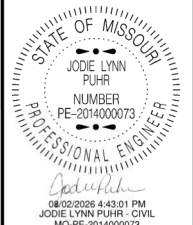
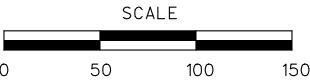
- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



WO8-17
23R



WO8-17P
24

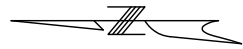


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 175
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



TRAFFIC CONTROL LEGEND

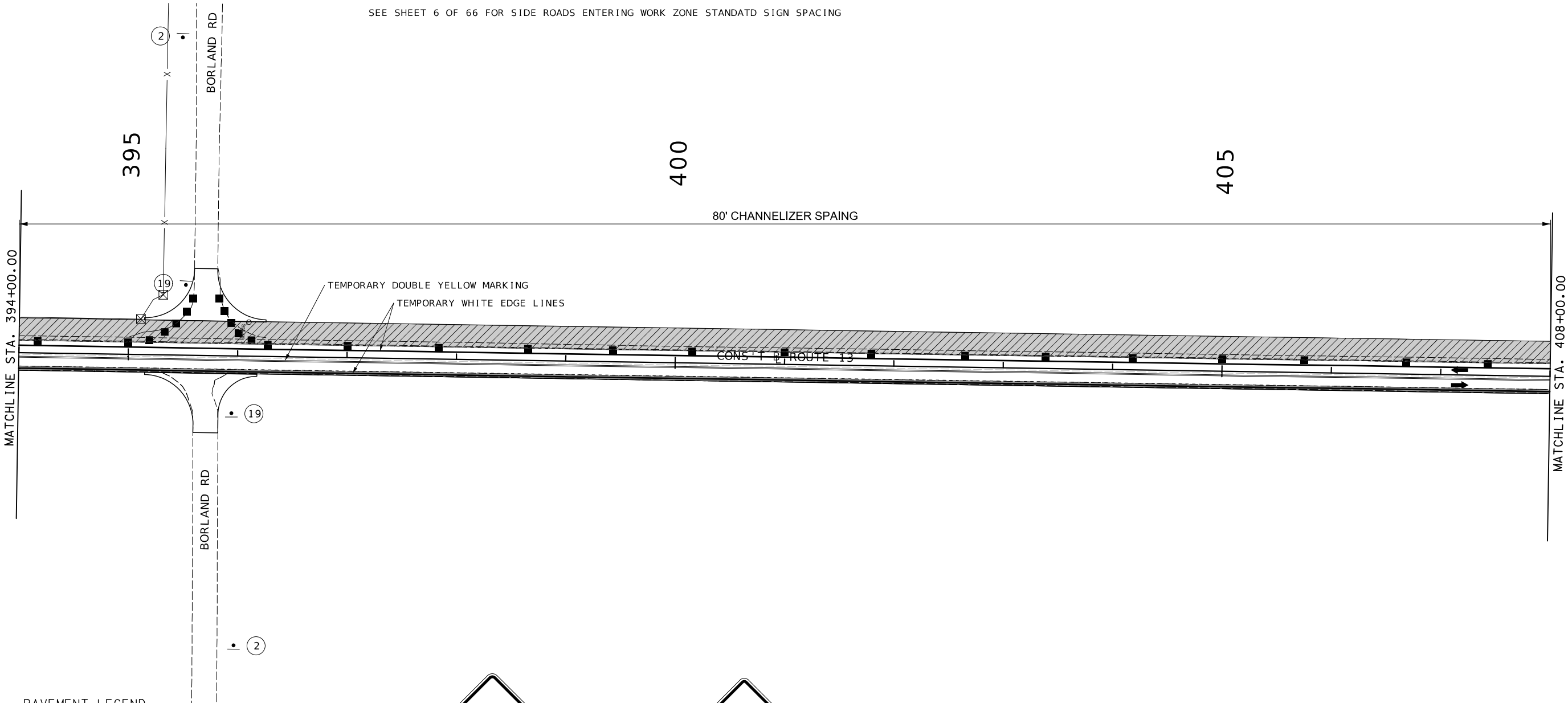
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

NOTES:
ADDITIONAL SIGNING MAY BE REQUIRED BASED ON
WORKZONE ACTIVITIES

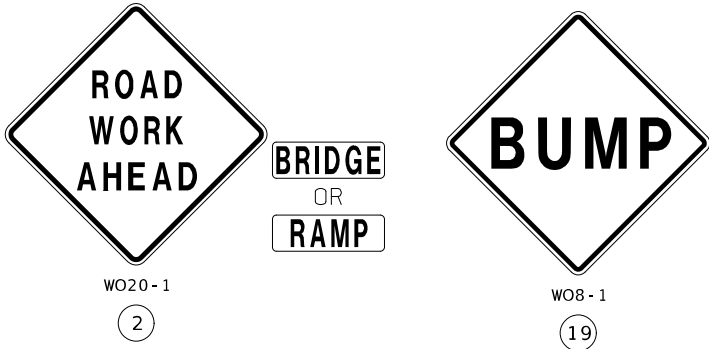
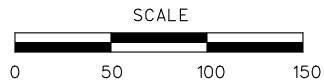
ROAD WORK AHEAD SIGN REQUIRED FOR ALL PUBLIC
ROAD APPROACHES TO THE WORK ZONE

SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

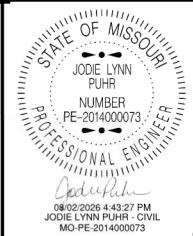
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 1
SHEET 25 OF 66

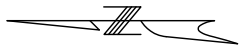


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 176
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

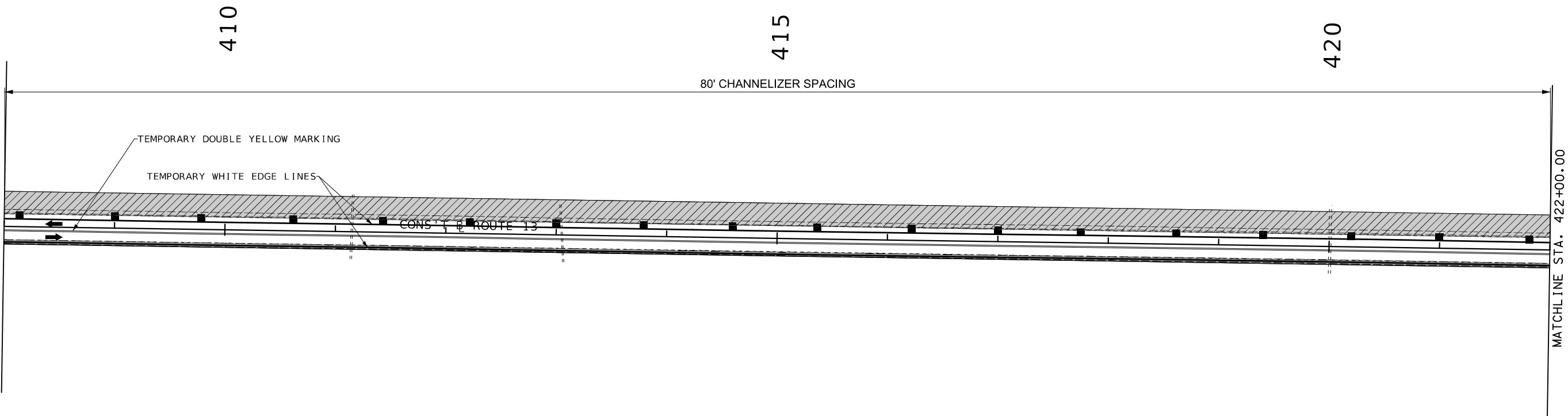
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



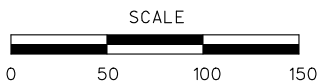
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

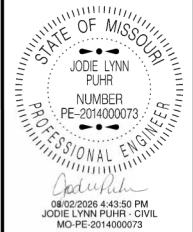


PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 177
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



• SIGN (SINGLE SIDED)

■ CHANNELIZER

 WORKZONE

NOTES :

SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

425

430

435

80' CHANNELIZER SPACING

/ TEMPORARY DOUBLE YELLOW MARKING

TEMPORARY WHITE EDGE LINES-

CONST' B ROUTE 13

MATCHLINE STA. 422+00.00

MATCHLINE STA. 436+00.00

PAVEMENT LEGEND

SHLDR REBUILD

ALTERNATE PVM' T

SCALE



WO8-17

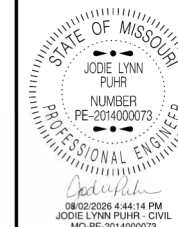
23R

SHOULDER
DROP-OFF

WO8 - 17P

24

TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 1
SHEET 27 OF 66



DATE PREPARED

7/31/2026

ROUTE	STATE
-------	-------

13	MO
----	----

DISTRICT	SHEET NO.
KC	176

KC	178
----	-----

COUNTY
LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

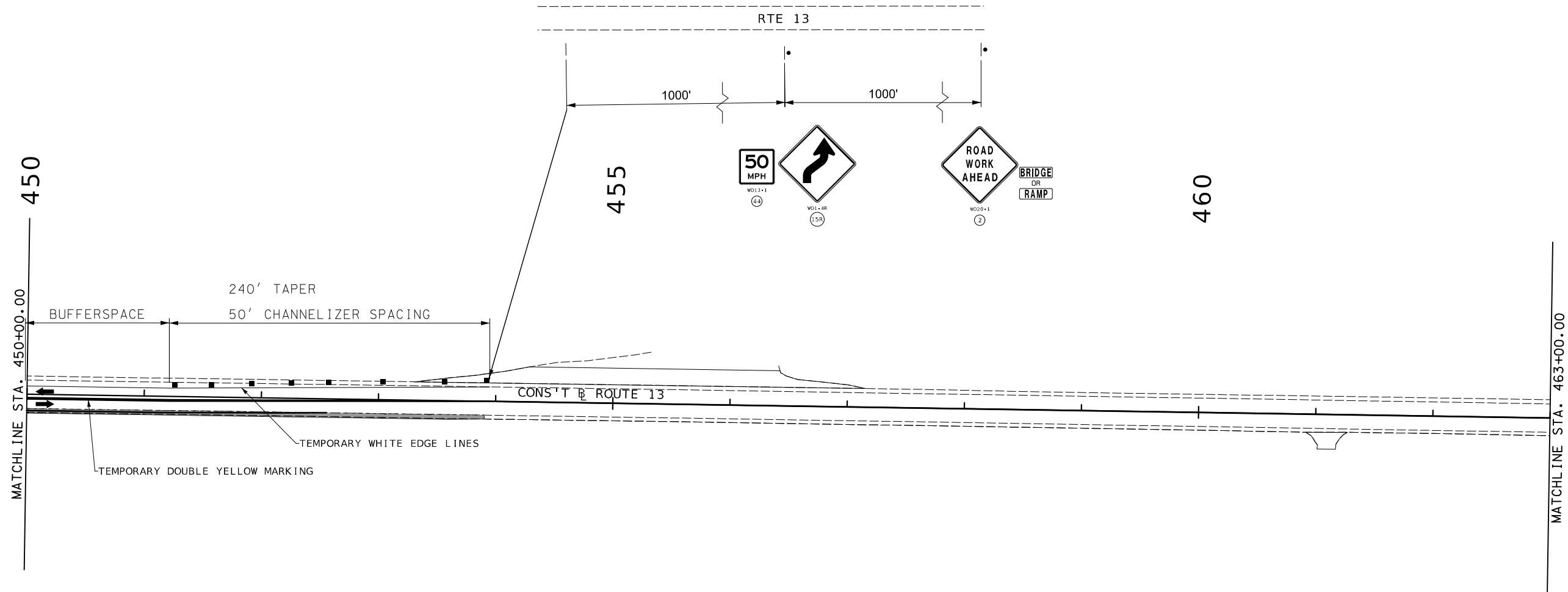


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

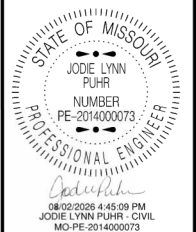
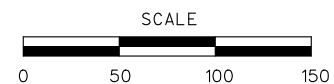
NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

RTE 13 ADVANCED SIGN SERIES



PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 180
COUNTY LAYFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

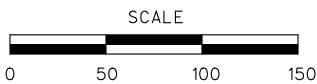
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

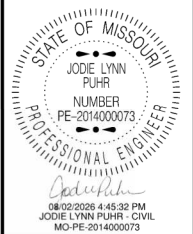
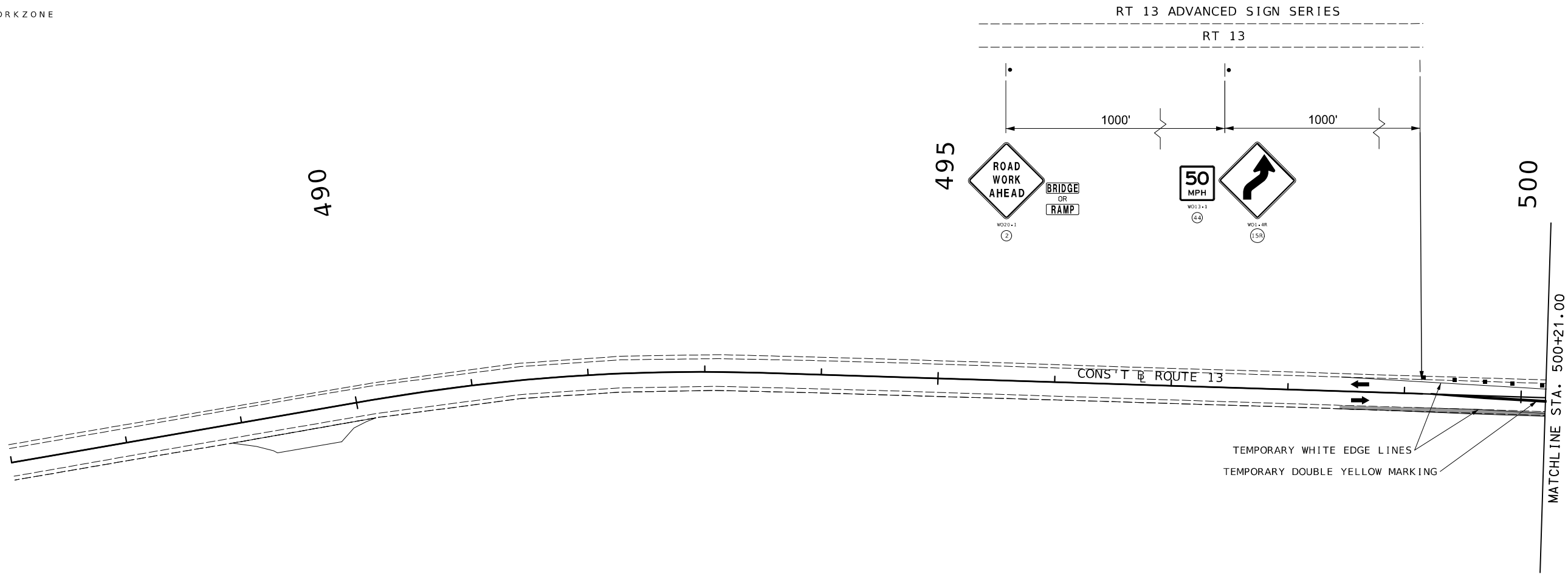


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

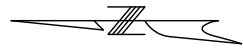


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 181
COUNTY LAYFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

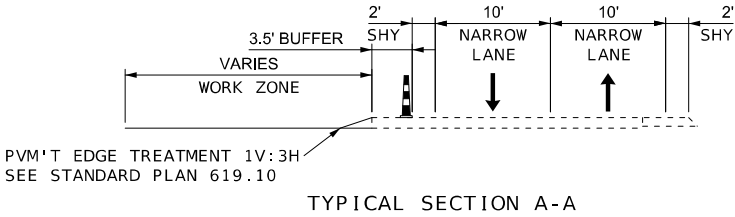
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

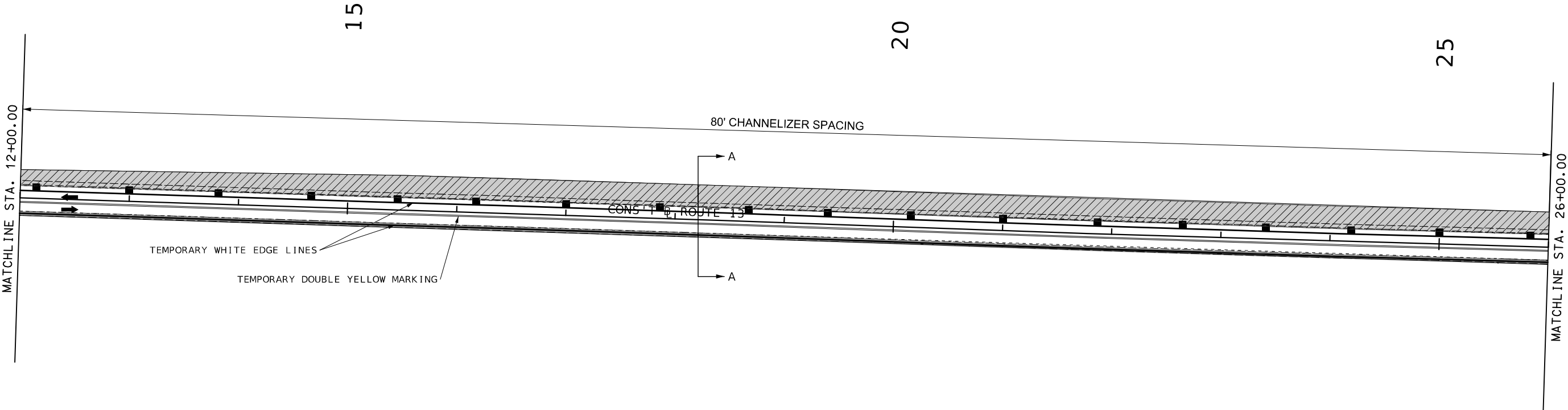


TRAFFIC CONTROL LEGEND

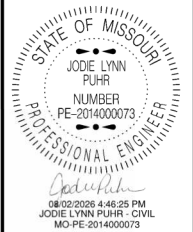
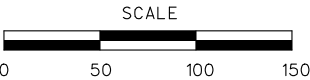
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 183
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



- SIGN (SINGLE SIDED)

- CHANNELIZER

-
- WORKZONE

Plan view of the intersection of NE 1150th Rd and County Road (Gravel). The diagram shows the matchline at station 26+00.00, the centerline of County Road, and the proposed gravel road layout. Key features include station markers 19 and 2, and the centerline of the gravel road labeled CRD 1150.

PAVEMENT LEGEND

- | | |
|--|------------------|
| | SHLDR REBUILD |
| | ALTERNATE PVM' T |

SCALE



WO20 - 1

2

BRIDGE
OR
RAMP



WO8 - 1

19

80' CHANNELIZER SPACING

CONST. $\frac{1}{2}$ ROUTE 13

TEMPORARY DOUBLE YELLOW MARKING

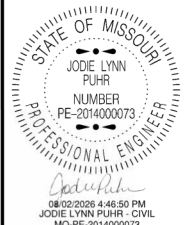
TEMPORARY WHITE EDGE LINES

TRAFFIC CONTROL SHEET
NORTHBOUND PASSING LANE 1
SHEET 33 OF 66

NOTES :

SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



DATE PREPARED

7/31/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	184

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

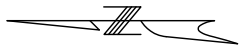
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



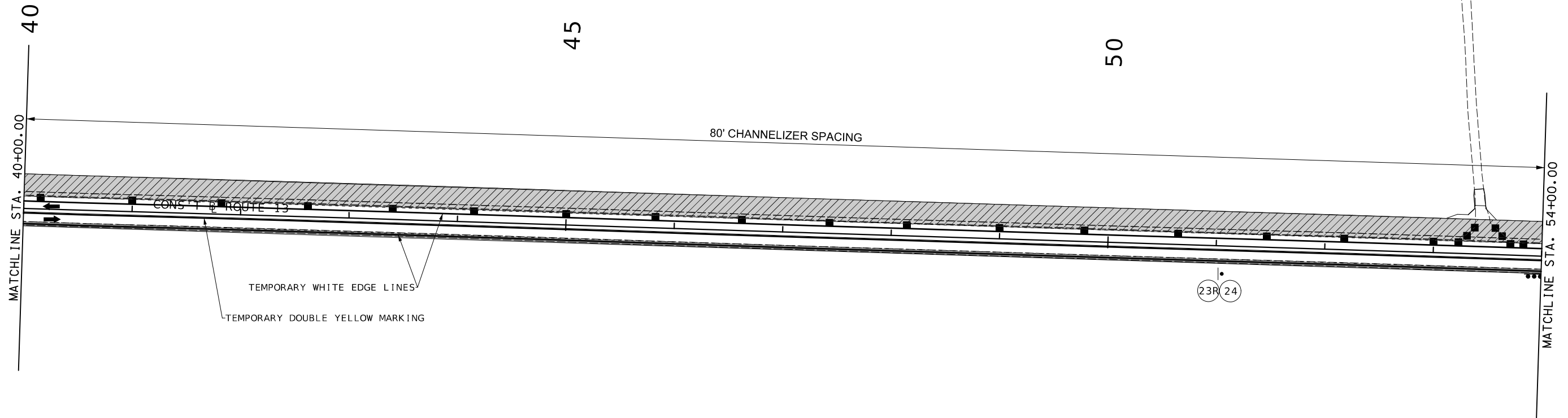
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TRAFFIC CONTROL LEGEND

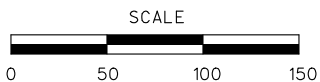
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T

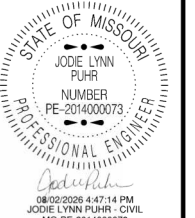


W08-17
(23R)



W08-17P
(24)

TRAFFIC CONTROL SHEET
NORTHBOUND PASSING LANE 1
SHEET 34 OF 66

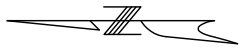


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 185
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

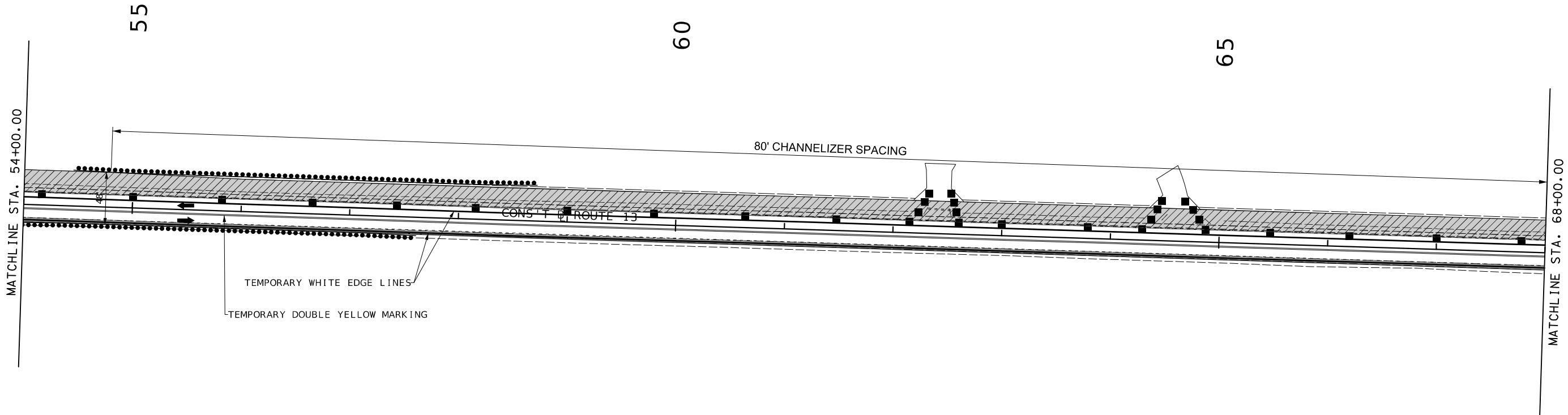
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TRAFFIC CONTROL LEGEND

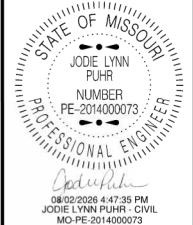
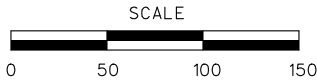
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 186
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

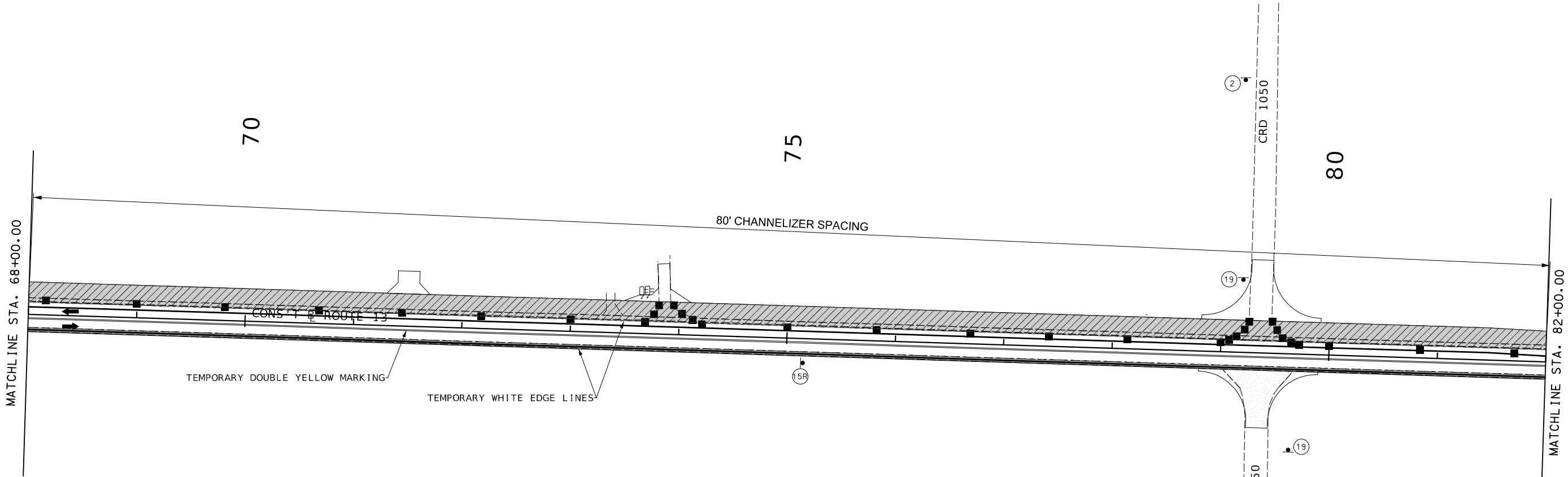
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



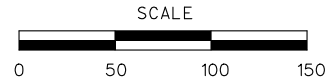
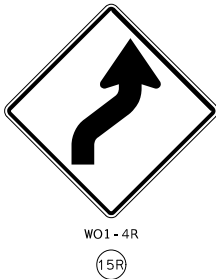
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

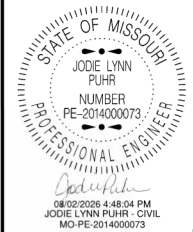
NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
NORTHBOUND PASSING LANE 1
SHEET 36 OF 66

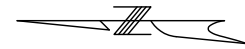


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 187
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

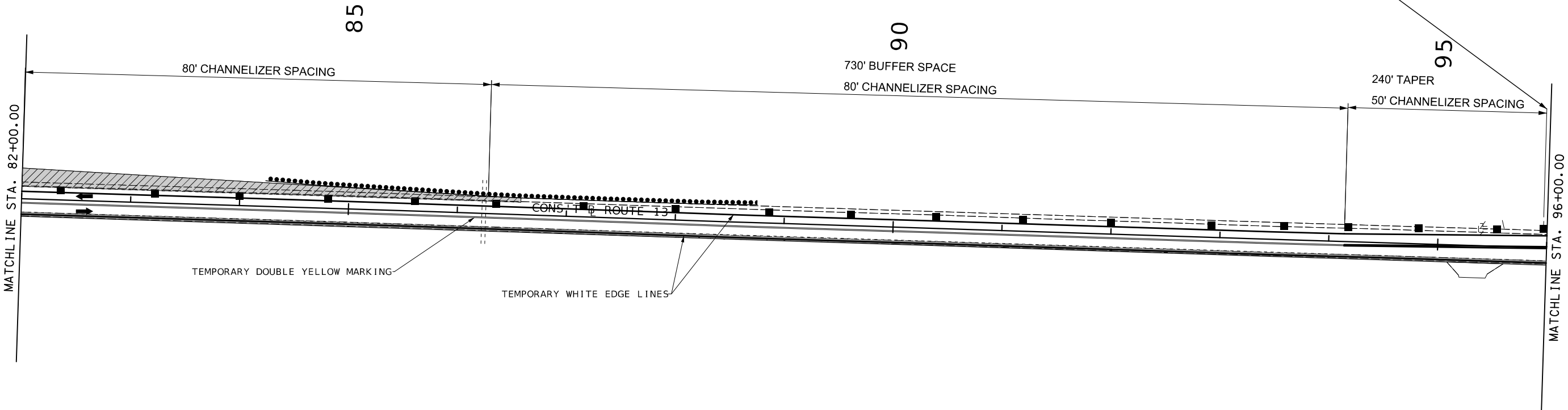
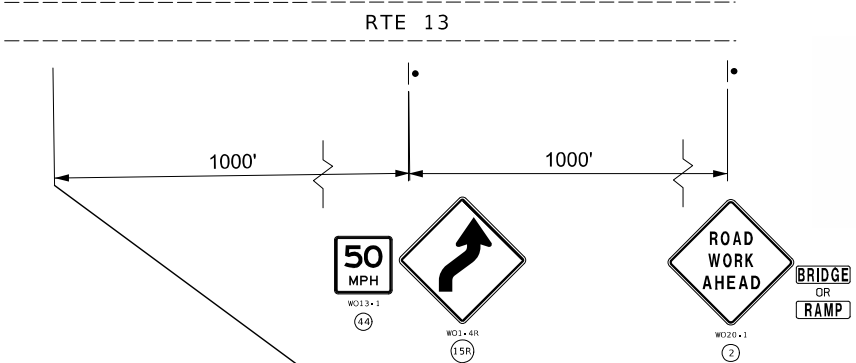


TRAFFIC CONTROL LEGEND

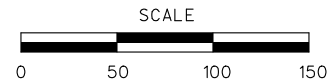
- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

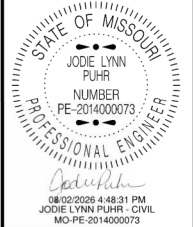
RTE 13 ADVANCED SIGN SERIES



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
NORTHBOUND PASSING LANE 1
SHEET 37 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 188
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

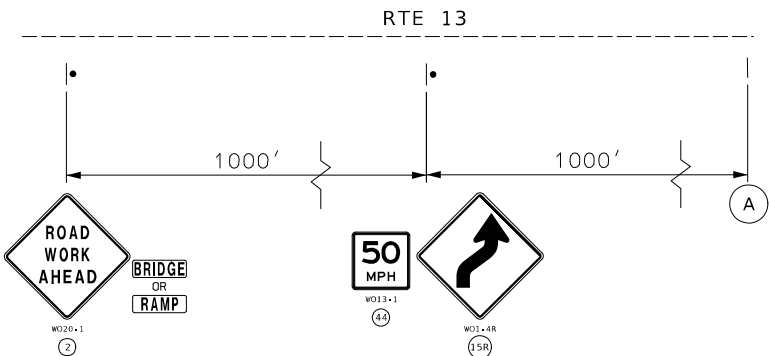
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



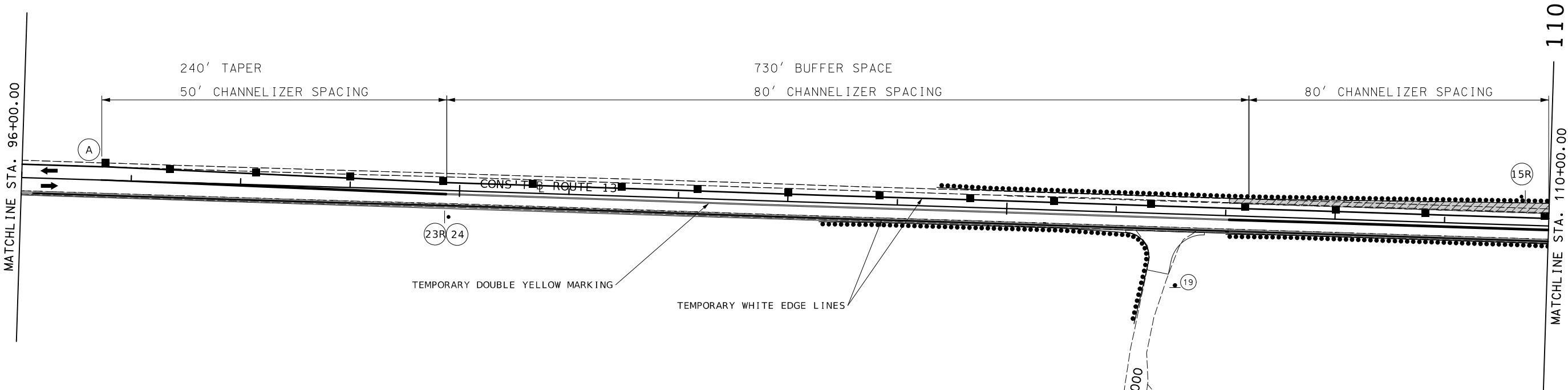
RTE 13 ADVANCED SIGN SERIES



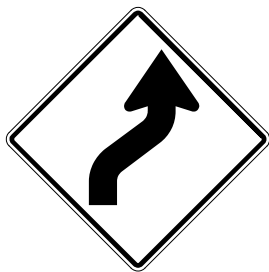
NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



PAVEMENT LEGEND
SHLDR REBUILD
ALTERNATE PVM'T



W01-4R
15R



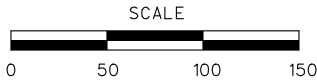
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19



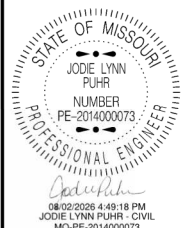
W08-17
23R



W08-17P
24



TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 2
SHEET 38 OF 66

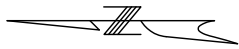


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 189
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

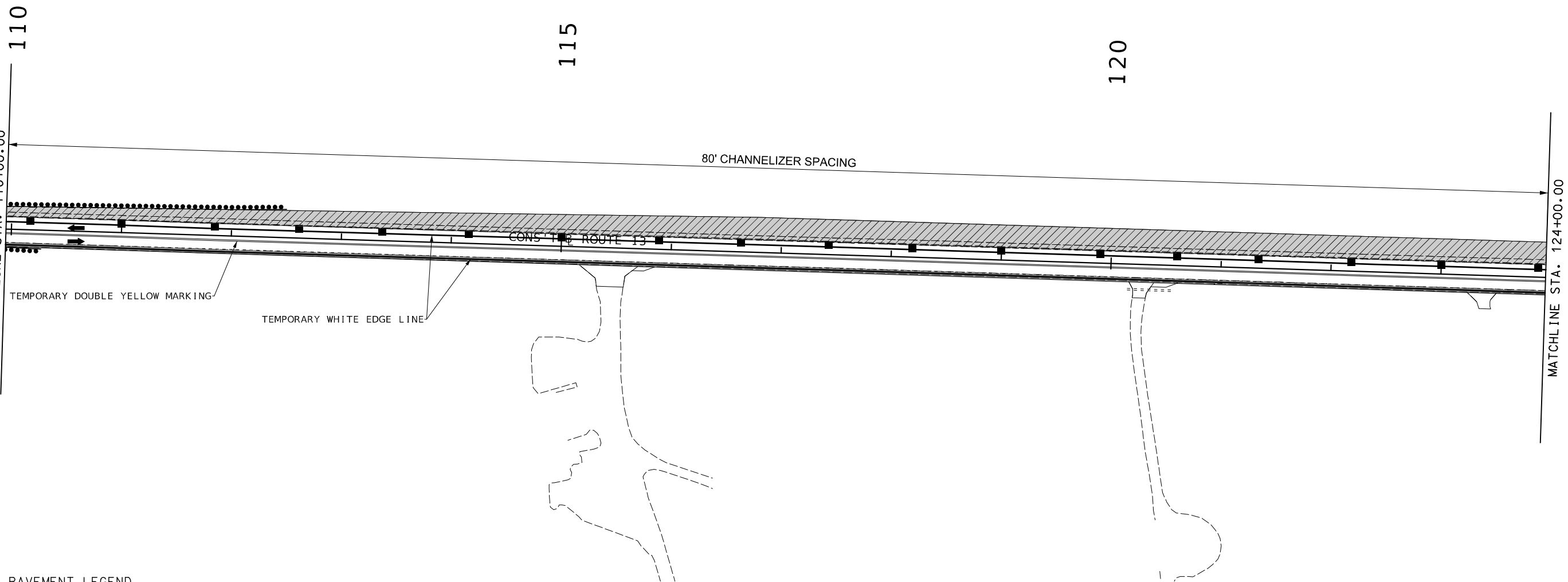
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)





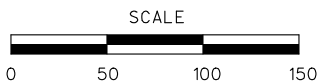
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

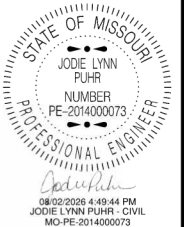


PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 190
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

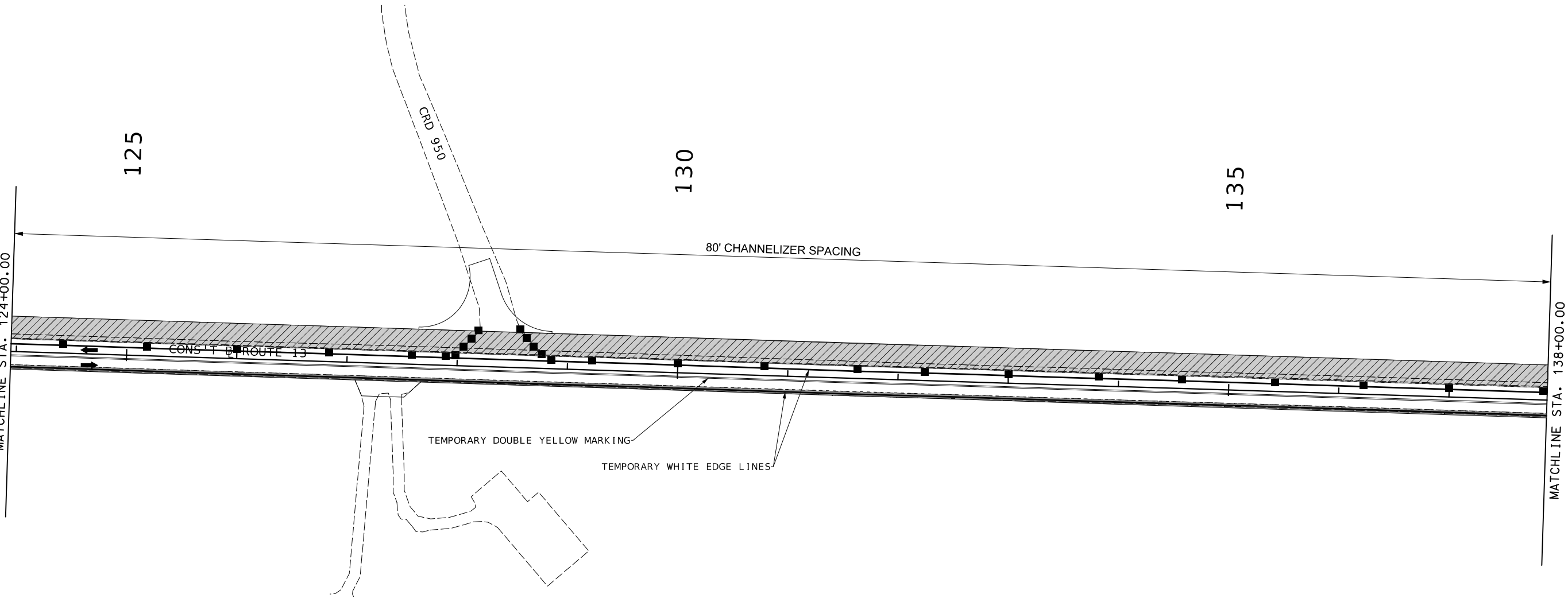
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

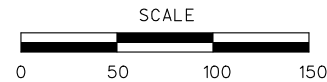


TRAFFIC CONTROL LEGEND

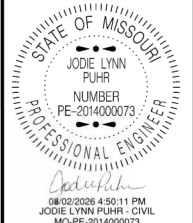
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 191
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

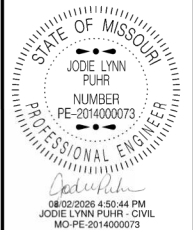
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



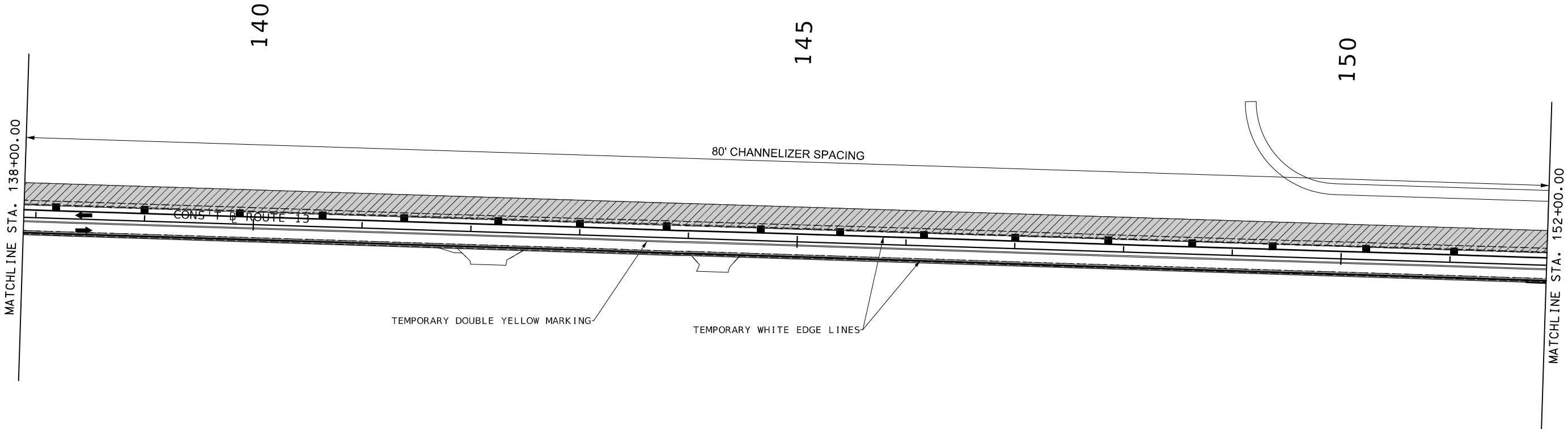
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

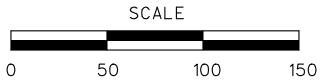


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 192
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



- | PAVEMENT LEGEND | |
|---|-----------------|
|  | SHLDR REBUILD |
|  | ALTERNATE PVM'T |

STATE OF MISSOURI

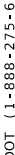
JODIE LYNN
PUHAR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

Jodie Lynn Puhar

08/02/2026 4:51:08 PM
JODIE LYNN PUHAR - CIVIL
PE-2014000073

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 2
SHEET 42 OF 66



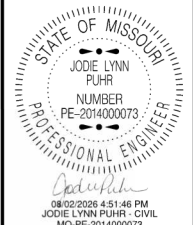
TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

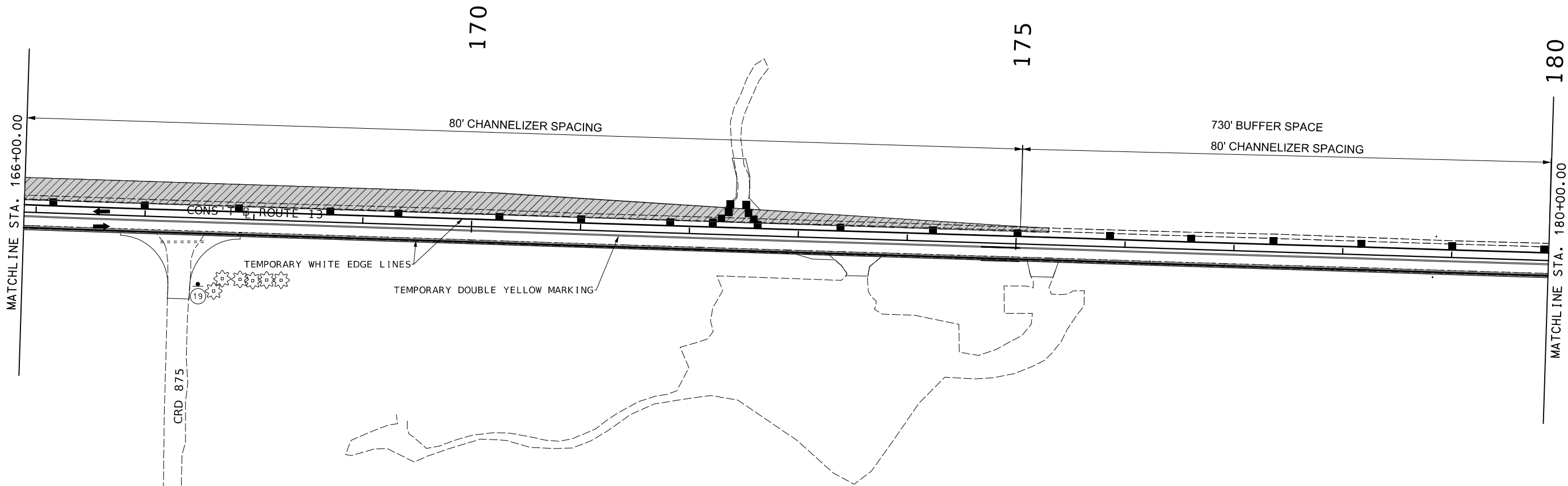
■ CHANNELIZER

▨ WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 194
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



PAVEMENT LEGEND

SHLDR REBUILD
ALTERNATE PVM'T



W08-1
(19)

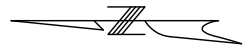


TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 2
SHEET 43 OF 66

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

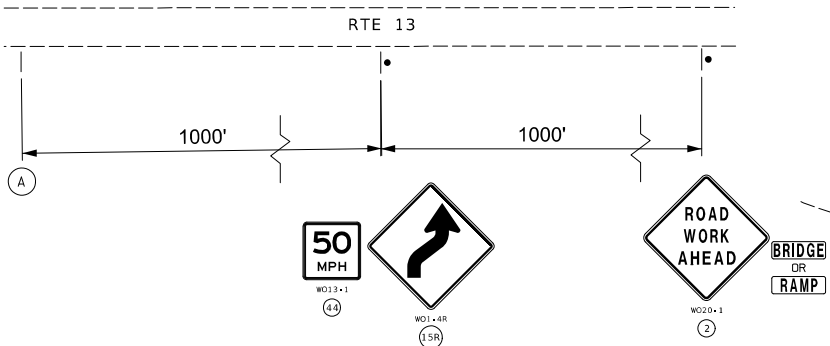
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



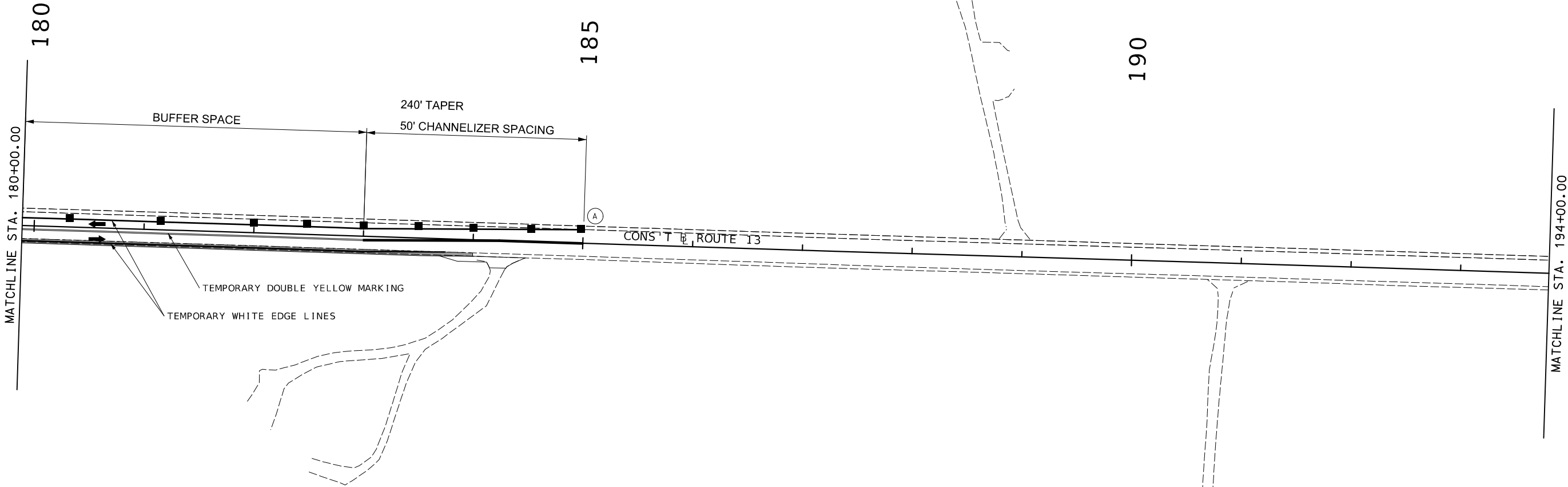
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

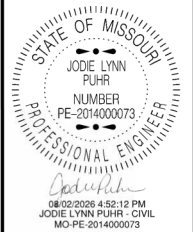
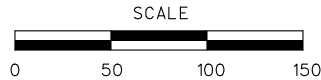
RTE 13 ADVANCED SIGN SERIES



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 195
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

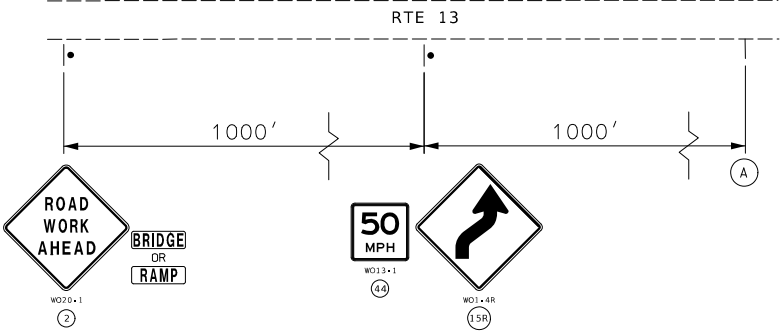
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



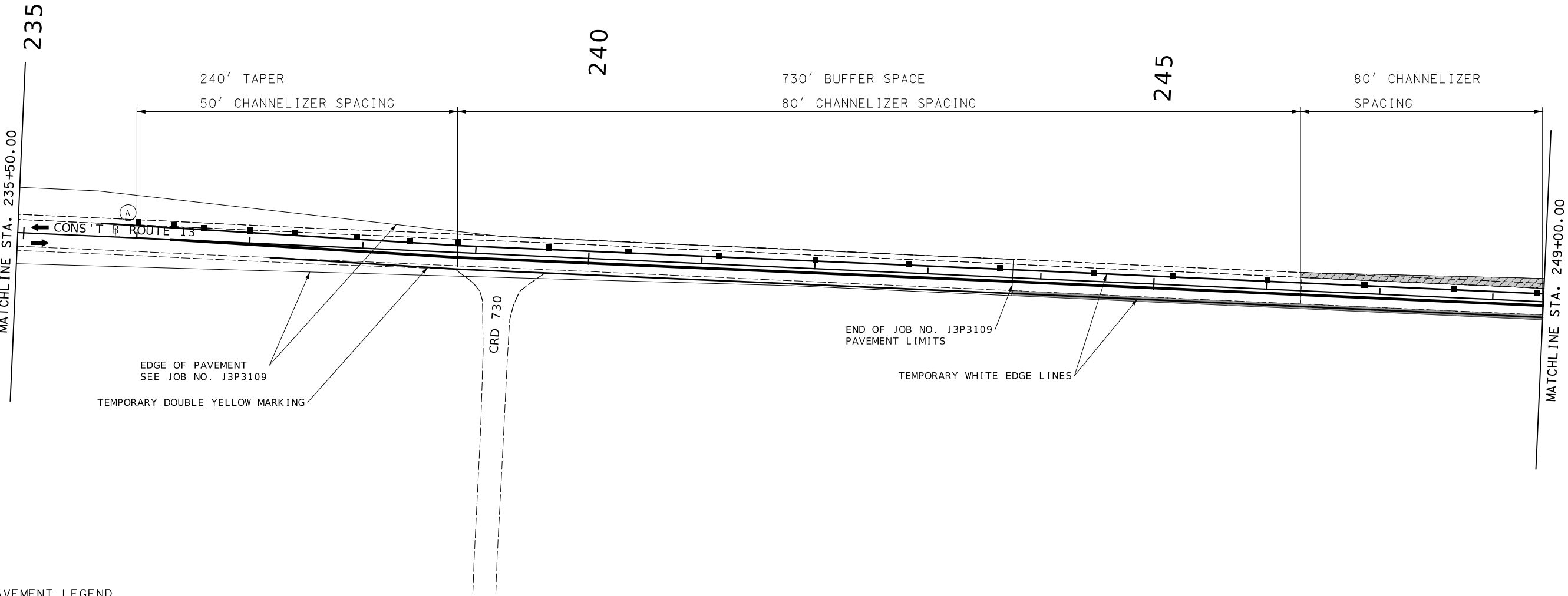
RTE 13 ADVANCED SIGN SERIES



TRAFFIC CONTROL LEGEND

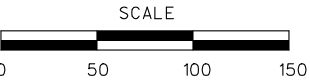
- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



PAVEMENT LEGEND

SHLDR REBUILD
ALTERNATE PVM'T



STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/10/2025 4:52:44 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

DISTRICT

KC

STATE

MO

SHEET NO.

196

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

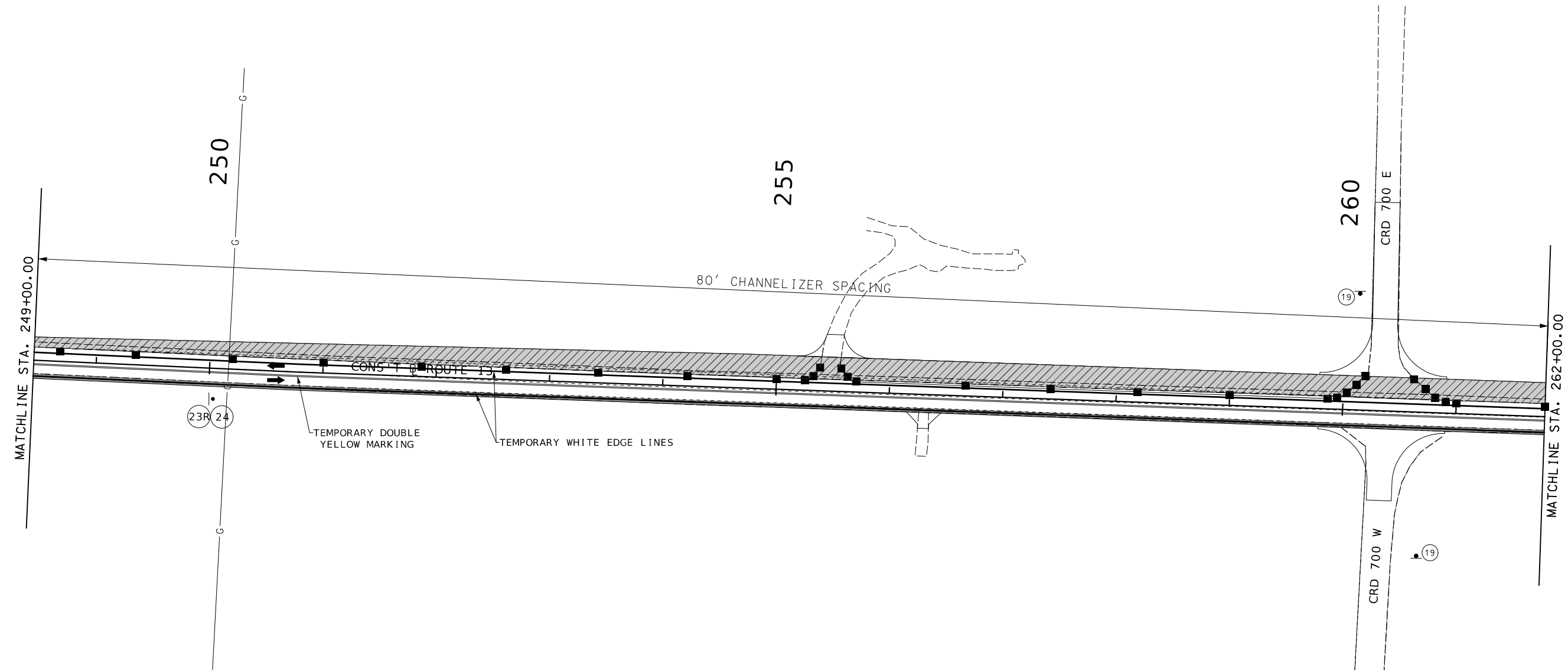
JEFFERSON CITY, MO 65102

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

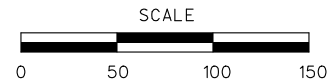


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



WO8-1
19

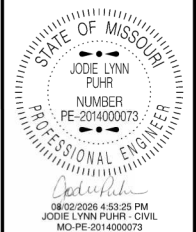


WO8-17
23R



WO8-17P
24

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 197
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

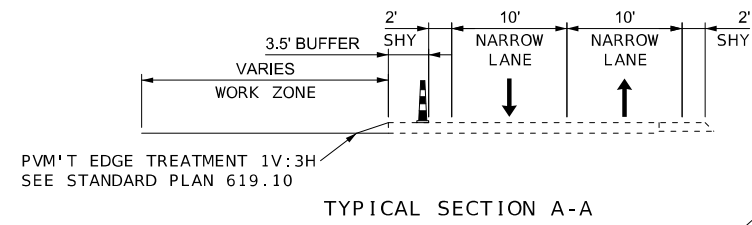
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

TRAFFIC CONTROL SHEET
NORTHBOUND PASSING LANE 2
SHEET 46 OF 66

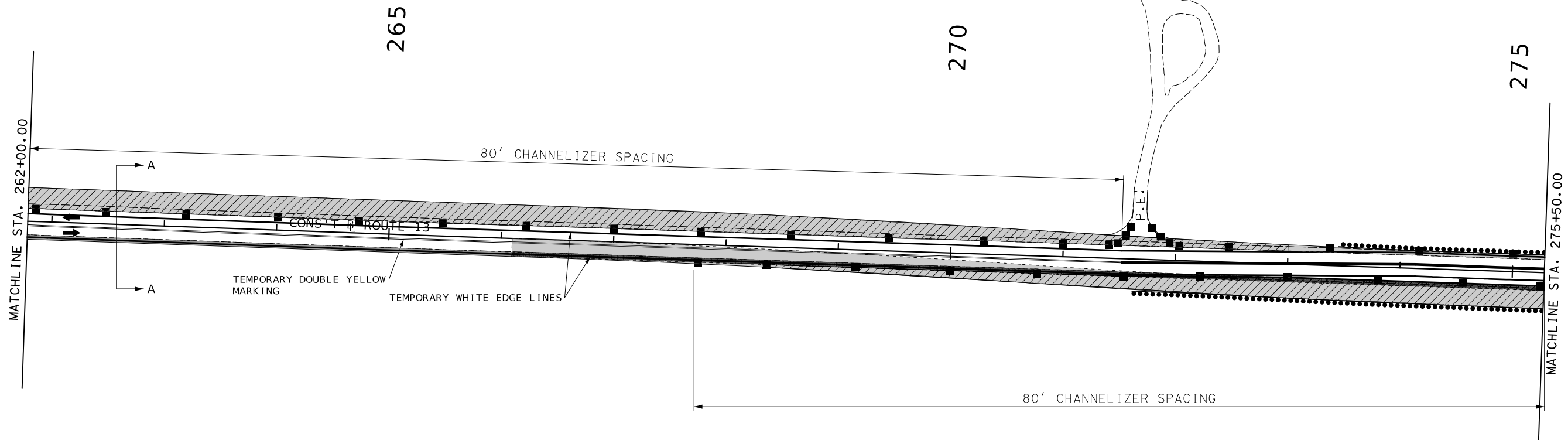


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

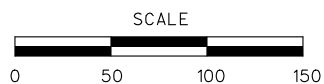


NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

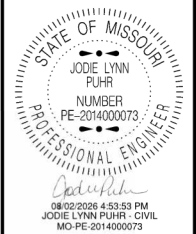


PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
NORTHBOUND PASSING LANE 2
SHEET 47 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 198
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

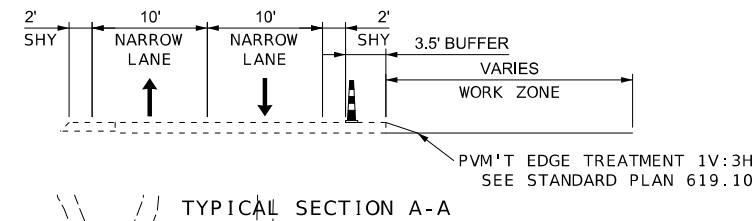
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

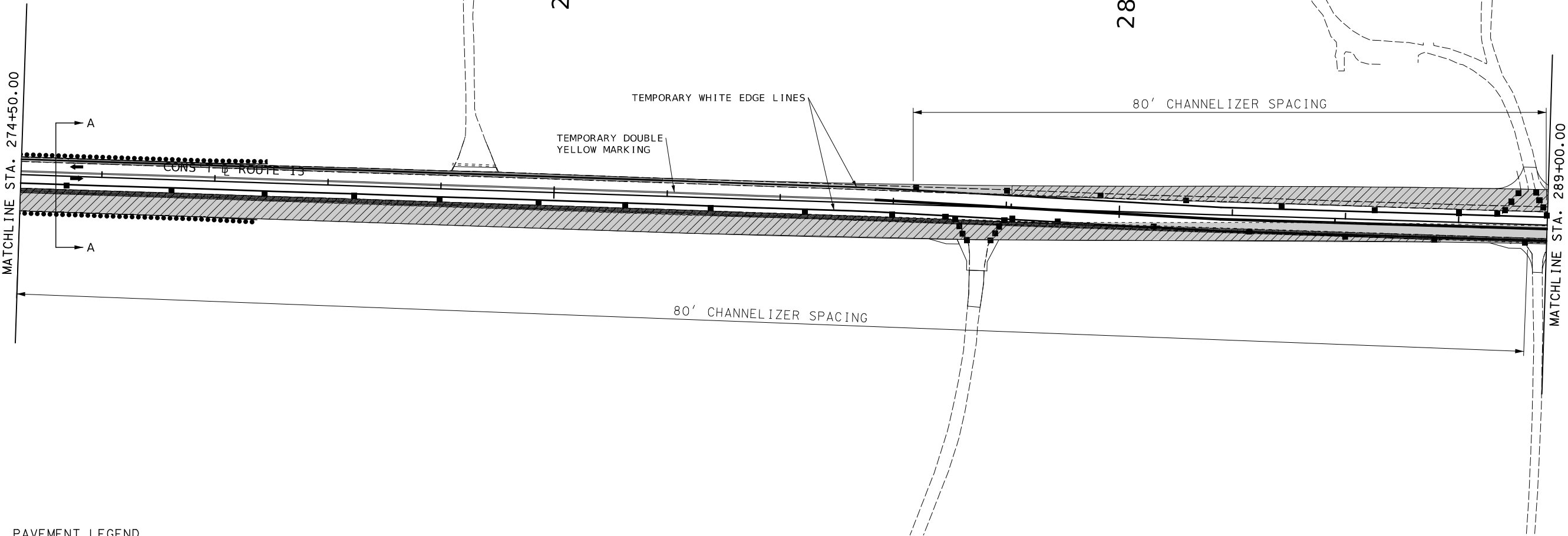


TRAFFIC CONTROL LEGEND

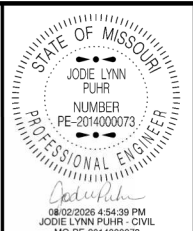
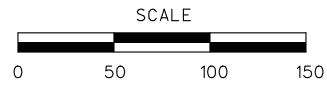
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T

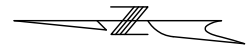


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 199
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

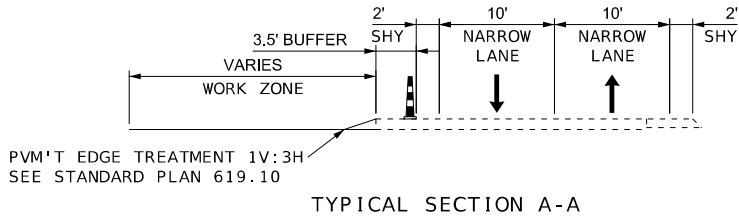
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

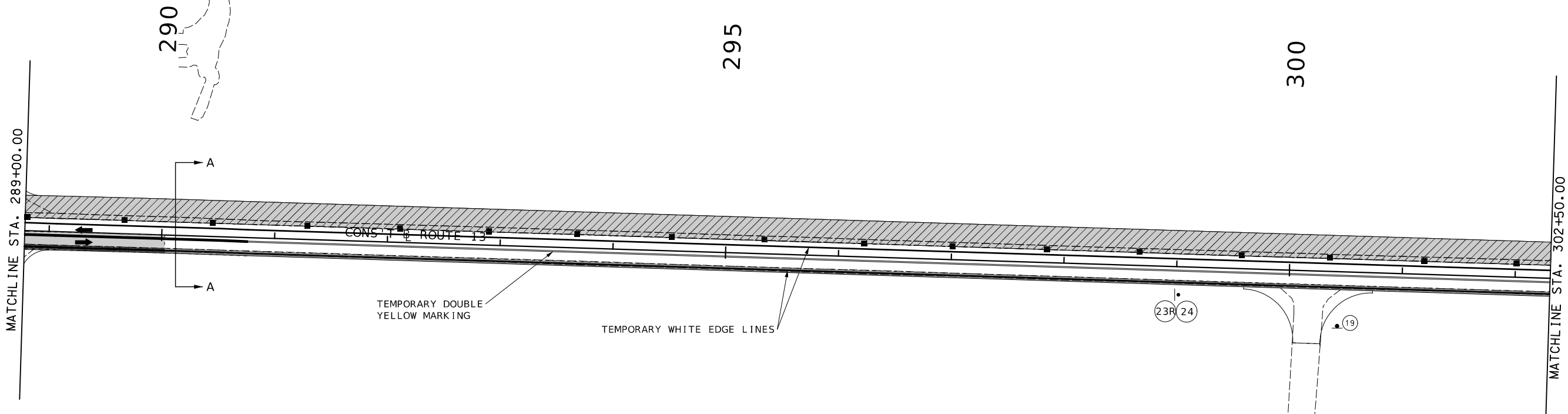


TRAFFIC CONTROL LEGEND

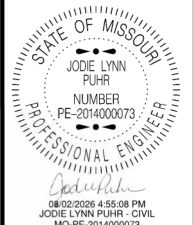
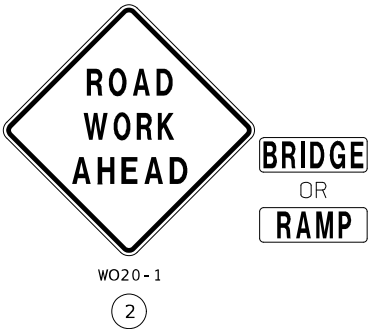
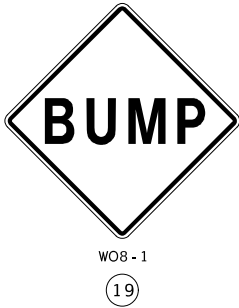
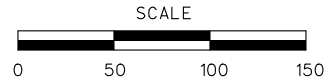
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 200
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

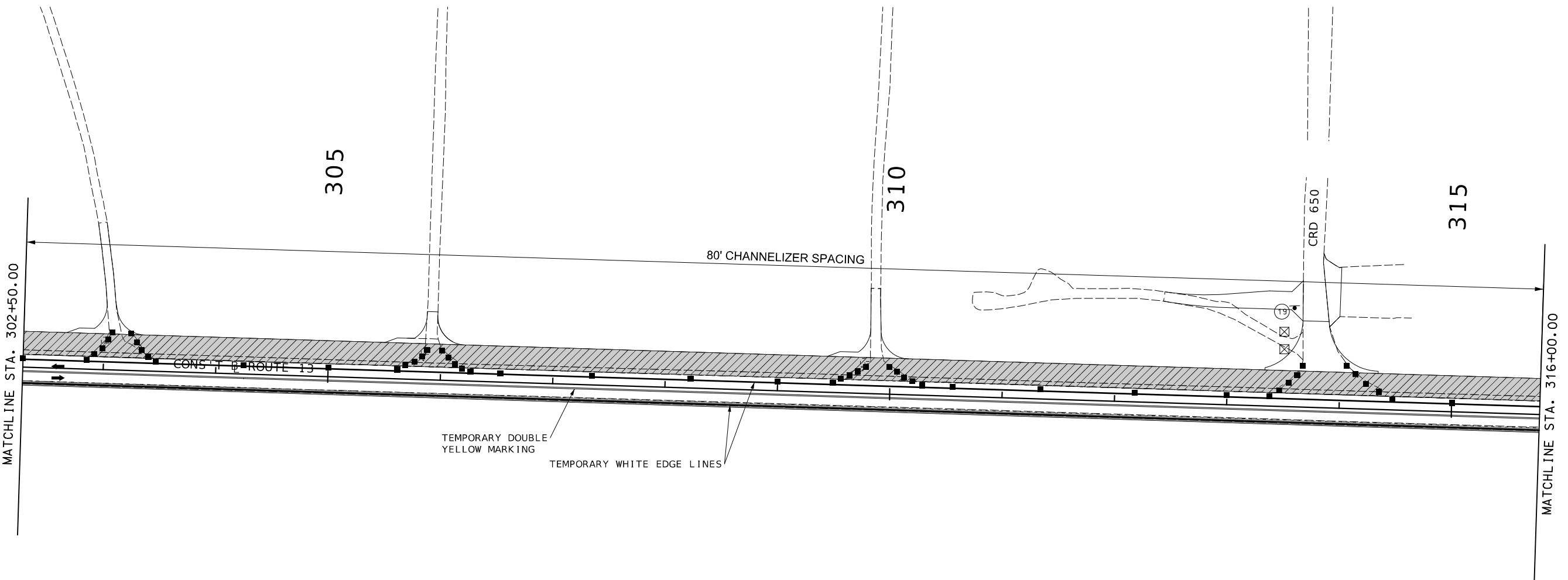


TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

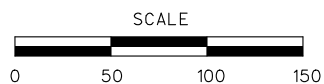
■ CHANNELIZER

▨ WORKZONE



PAVEMENT LEGEND

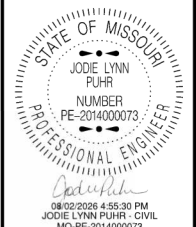
SHLDR REBUILD
ALTERNATE PVM'T



W08-1

19

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 201
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

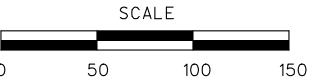
TRAFFIC CONTROL SHEET
NORTHBOUND PASSING LANE 2
SHEET 50 OF 66



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

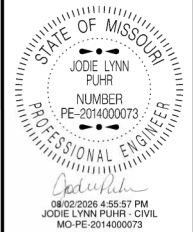
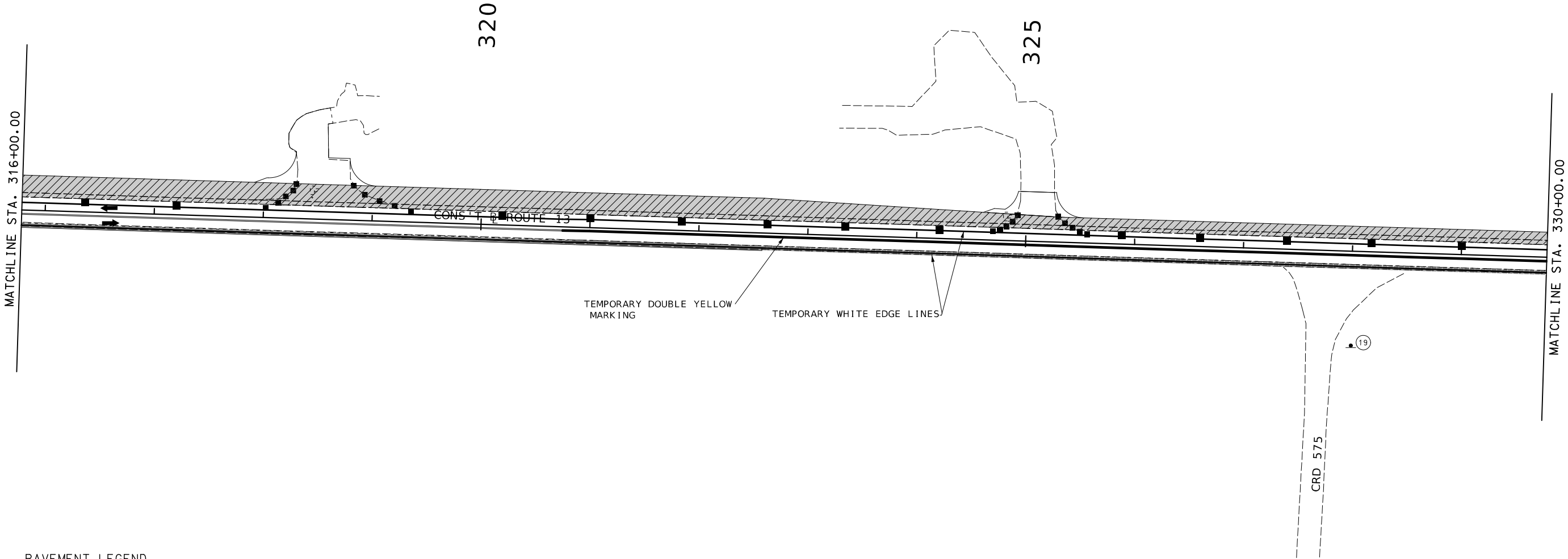
- PAVEMENT LEGEND
- SHLDR REBUILD
 - TEMP. PVM'T
 - ALTERNATE PVM'T



W08-1

19

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 202
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

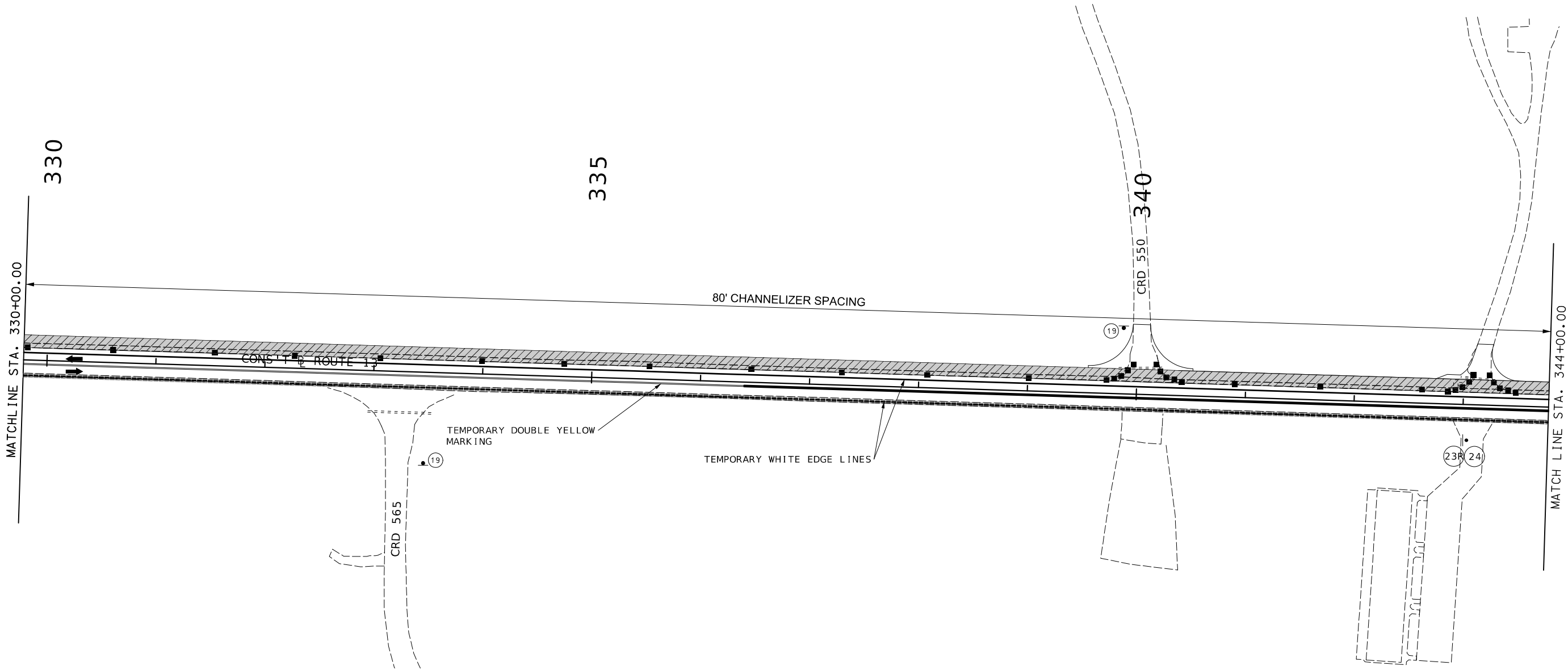
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



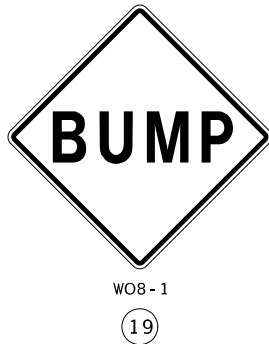
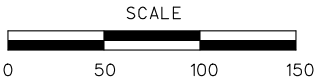
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



- PAVEMENT LEGEND
- SHLDR REBUILD
 - TEMP. PVM'T
 - ALTERNATE PVM'T



WO8-1



WO8-17



WO8-17P

(24)

TWO-WAY LEFT-TURN CONSTRUCTION NOTE:
THE CONSTRUCTION PLANS SHOW THE SHOULDER REBUILD ON THE WEST SIDE OF RTE 13 TO OCCUR FIRST WITH THE INTENT OF HAVING TRAFFIC SHIFTED ONTO THE SHOULDER WHILE THE EAST SIDE OF RTE 13 IS BEING WIDENEND. THE TRAFFIC WILL THEN BE SHIFTED ONTO THE COMPLETED EAST SIDE WIDENING WHILE THE WEST SIDE OF ROUTE 13 IS BEING WIDENED. THE CONTRACTOR MAY ELECT WHICH SIDE WILL BE WIDENED FIRST.

TRAFFIC CONTROL SHEET
TWO WAY LEFT TURN LANE
SHEET 52 OF 66



DATE PREPARED
7/31/2026

ROUTE 13 STATE MO
DISTRICT KC SHEET NO. 203

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

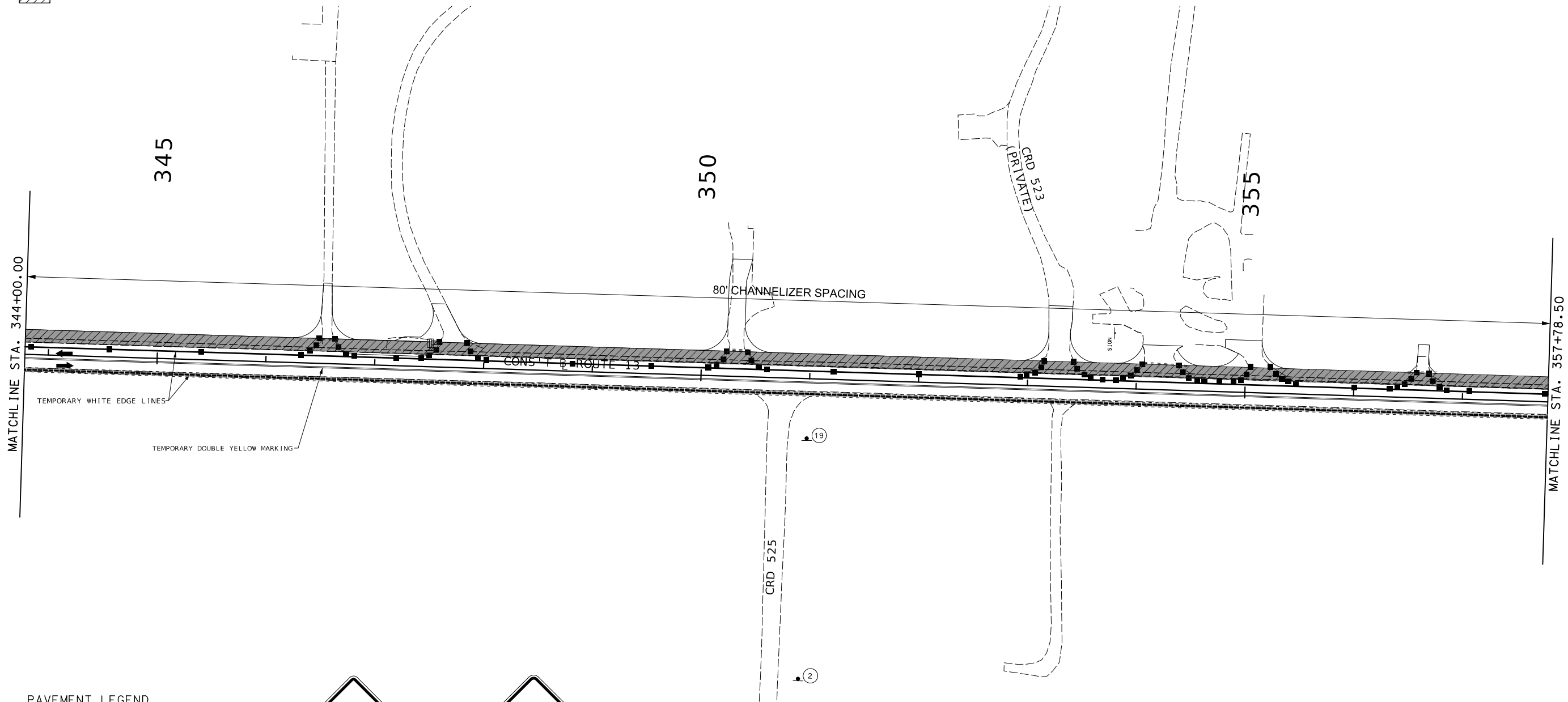
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TRAFFIC CONTROL LEGEND

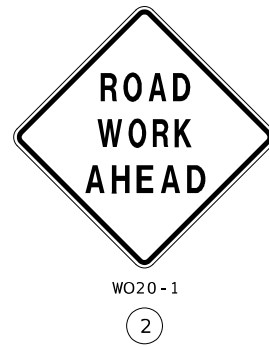
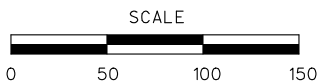
- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

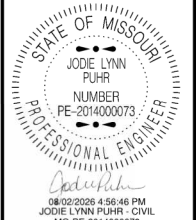


PAVEMENT LEGEND

- ▨ SHLDR REBUILD
- ▨ TEMP. PVM'T
- ▨ ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
TWO WAY LEFT TURN LANE
SHEET 53 OF 66

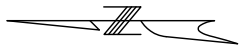


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 204
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

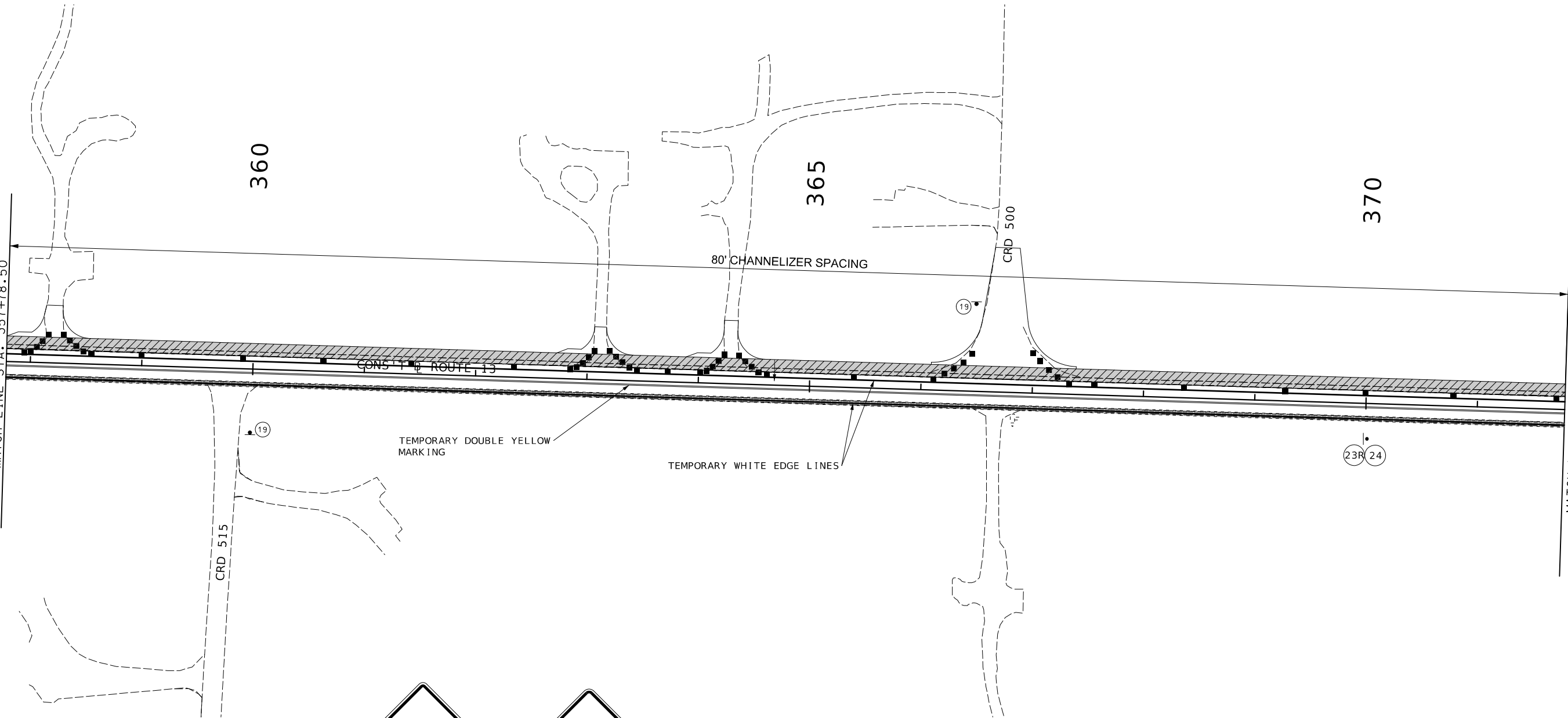
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

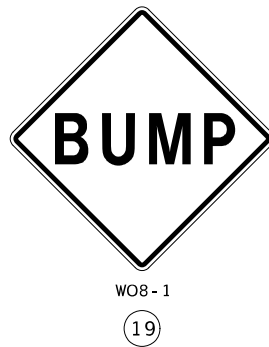
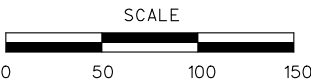


TRAFFIC CONTROL LEGEND

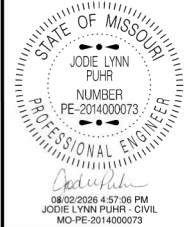
- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE



- PAVEMENT LEGEND
- SHLDR REBUILD
 - TEMP. PVM'T
 - ALTERNATE PVM'T



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

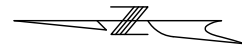


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 205
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J3P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



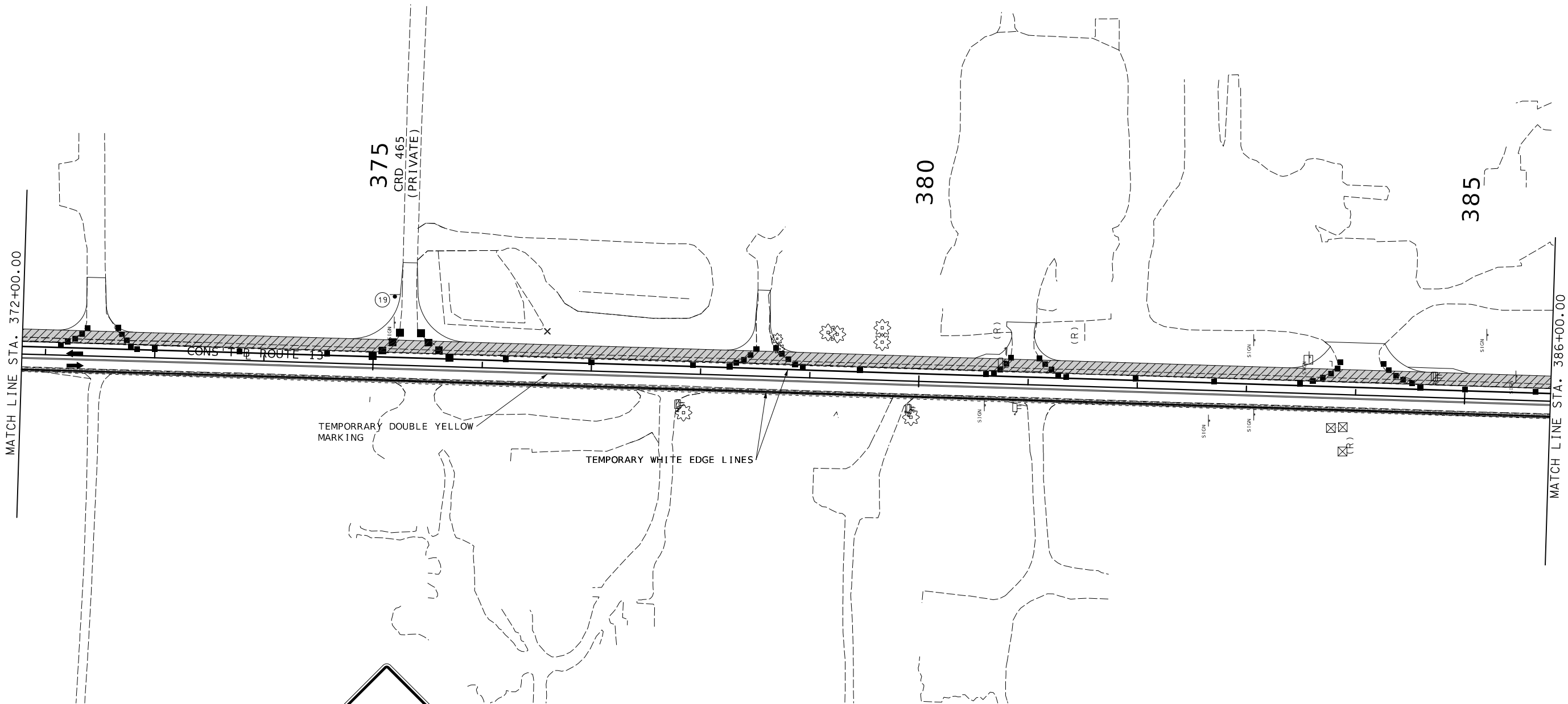
TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

■ CHANNELIZER

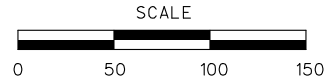
▨ WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



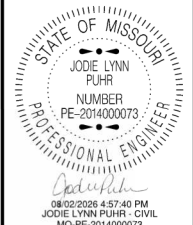
PAVEMENT LEGEND

SHLDR REBUILD
TEMP. PVM'T
ALTERNATE PVM'T



WO8 - 1
19

TRAFFIC CONTROL SHEET
TWO WAY LEFT TURN LANE
SHEET 55 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 206
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

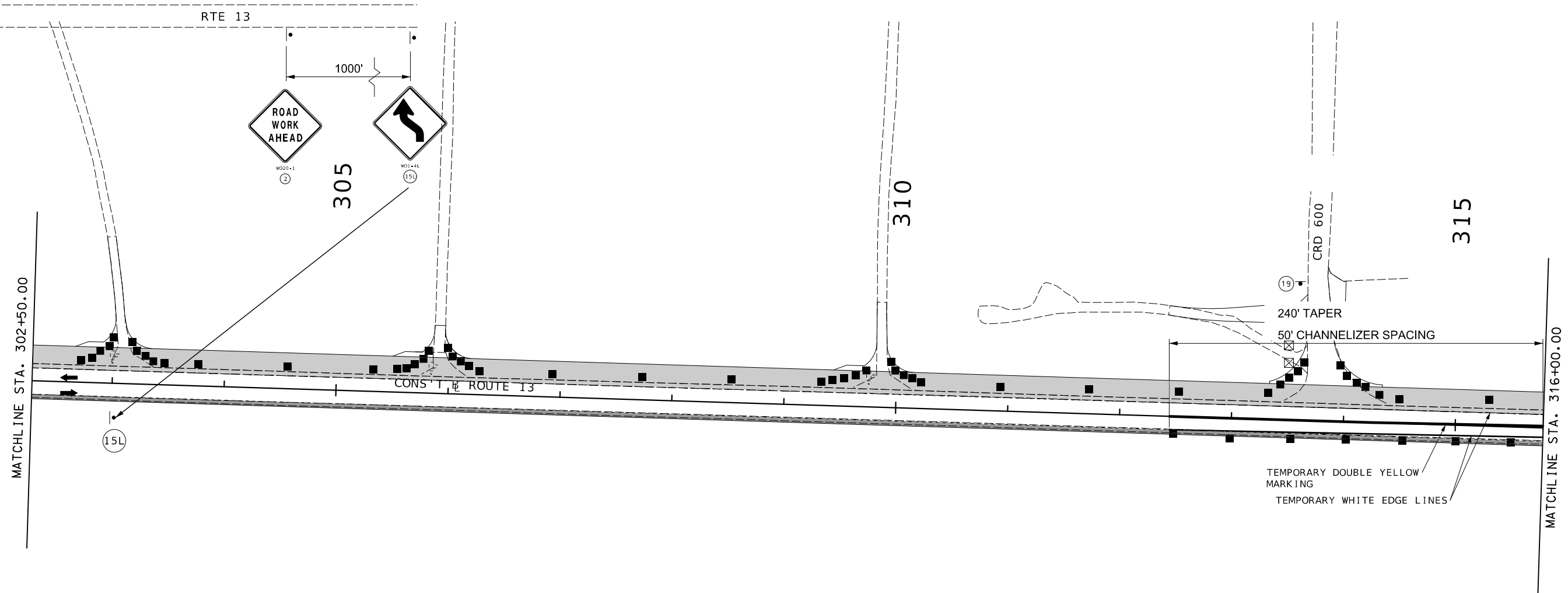


*ADVANCED SIGN SERIES FOR
RTE 13 SOUTH OF ROUND ABOUT
AND BUSINESS 13

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

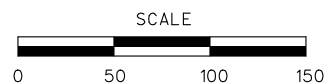
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



PAVEMENT LEGEND

- SHLDR REBUILD
- TEMP. PVM'T
- ALTERNATE PVM'T



W08 - 1
19

TWO-WAY LEFT-TURN CONSTRUCTION NOTE:
THE CONSTRUCTION PLANS SHOW THE SHOULDER REBUILD ON THE WEST SIDE OF RTE 13 TO OCCUR FIRST WITH THE INTENT OF HAVING TRAFFIC SHIFTED ONTO THE SHOULDER WHILE THE EAST SIDE OF RTE 13 IS BEING WIDENEND. THE TRAFFIC WILL THEN BE SHIFTED ONTO THE COMPLETED EAST SIDE WIDENING WHILE THE WEST SIDE OF ROUTE 13 IS BEING WIDENED. THE CONTRACTOR MAY ELECT WHICH SIDE WILL BE WIDENED FIRST.

TRAFFIC CONTROL SHEET
TWO WAY LEFT TURN LANE
SHEET 57 OF 66

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/02/2026 4:58:40 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
208

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

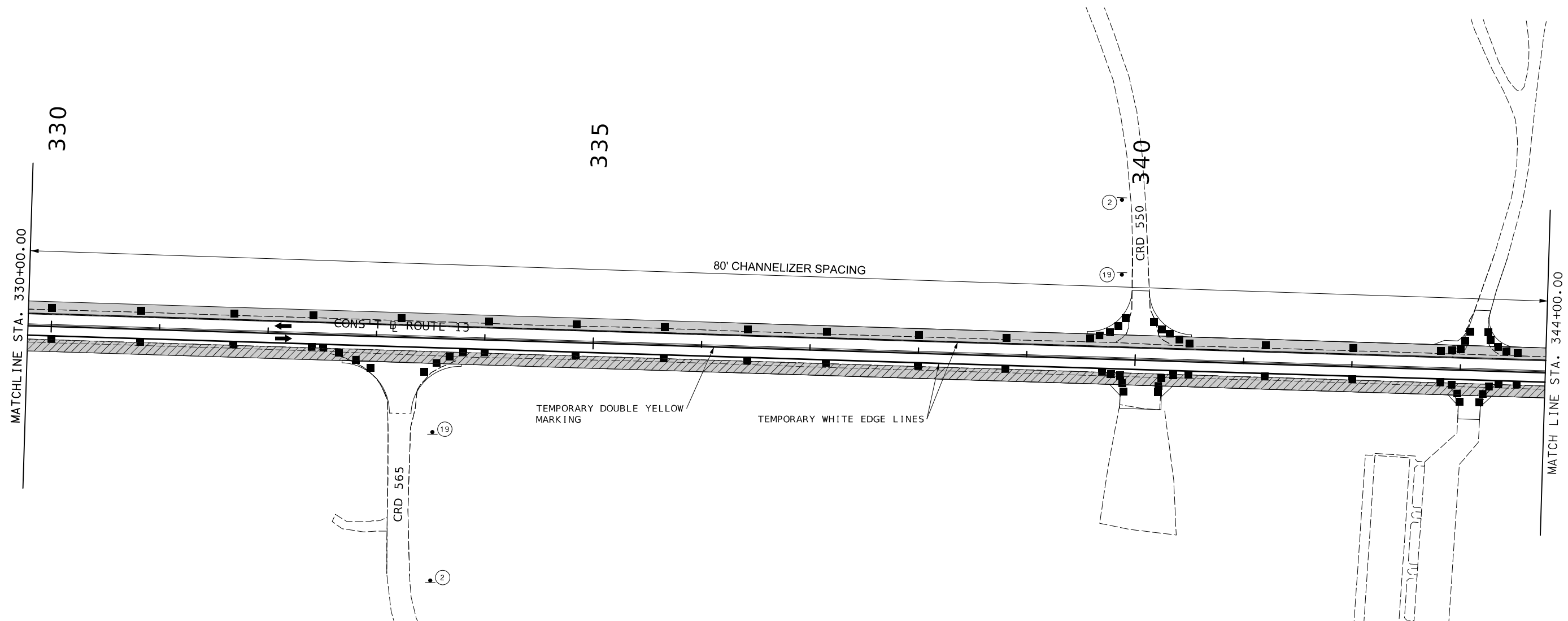
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

TRAFFIC CONTROL LEGEND

 SIGN (SINGLE SIDED)
 CHANNELIZER
 WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



PAVEMENT LEGEND

	SHLDR REBUILD
	TEMP. PVM' T
	ALTERNATE PVM' T

SCALE

0 50 100 150



WO8 - 1

(19)



WO20 - 1

(2)

BRIDGE
OR
RAMP

TRAFFIC CONTROL SHEET
TWO WAY LEFT TURN LANE
SHEET 59 OF 66



DATE PREPARED

7/31/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	210

COUNTY
LAFAYETTE / JOHNSON

JOB NO.

J4P2333

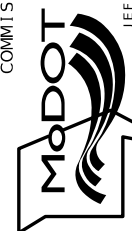
CONTRACT ID.

PROJECT NO.

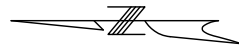
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

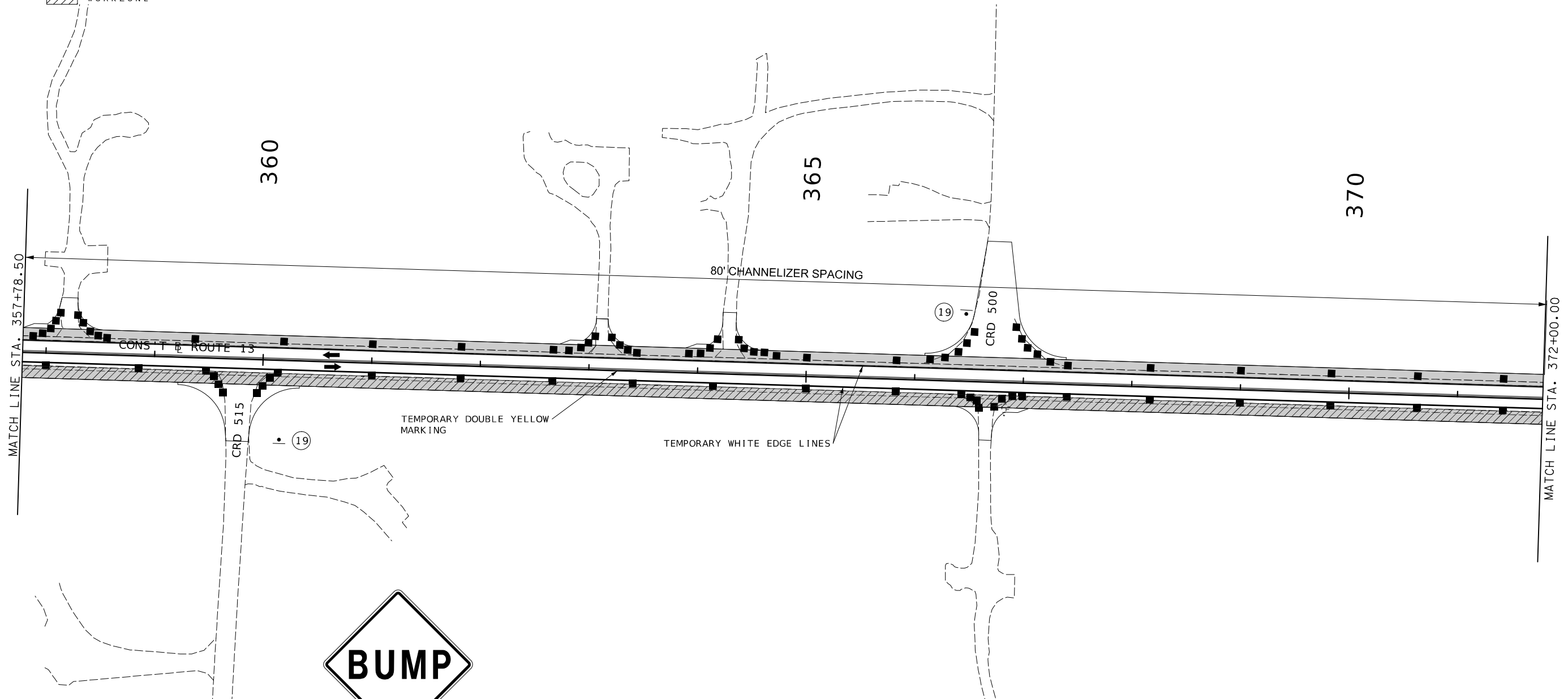


TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

■ CHANNELIZER

▨ WORKZONE



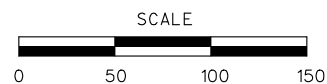
PAVEMENT LEGEND

▨ SHLDR REBUILD
▨ TEMP. PVM'T
▨ ALTERNATE PVM'T

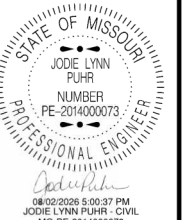


WO8-1

19



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

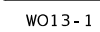


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 212
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J3P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

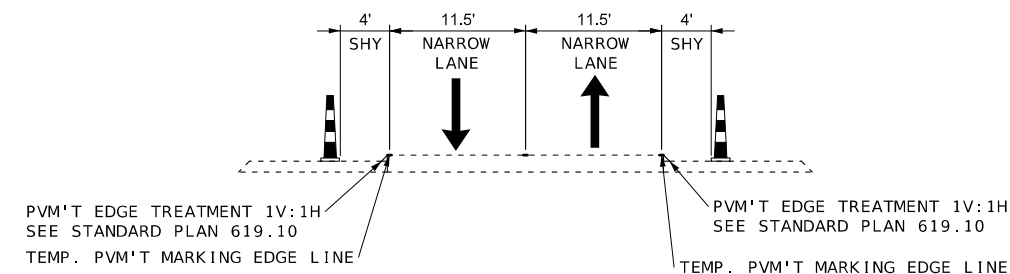
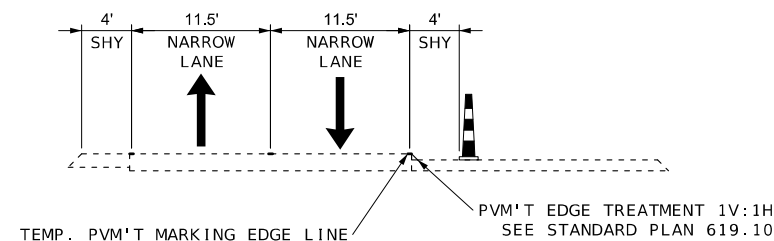
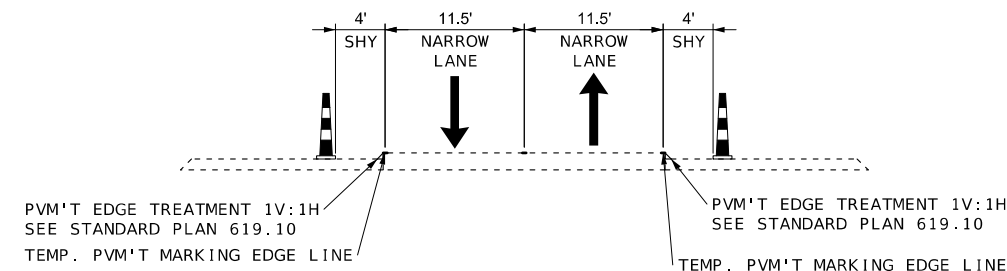
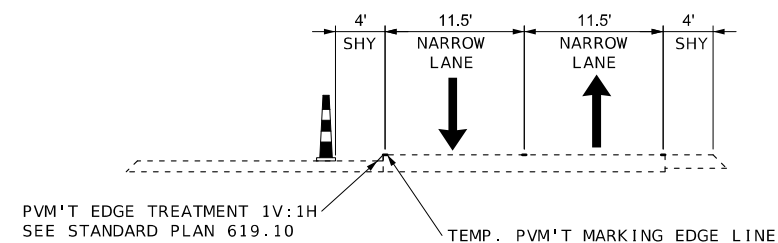
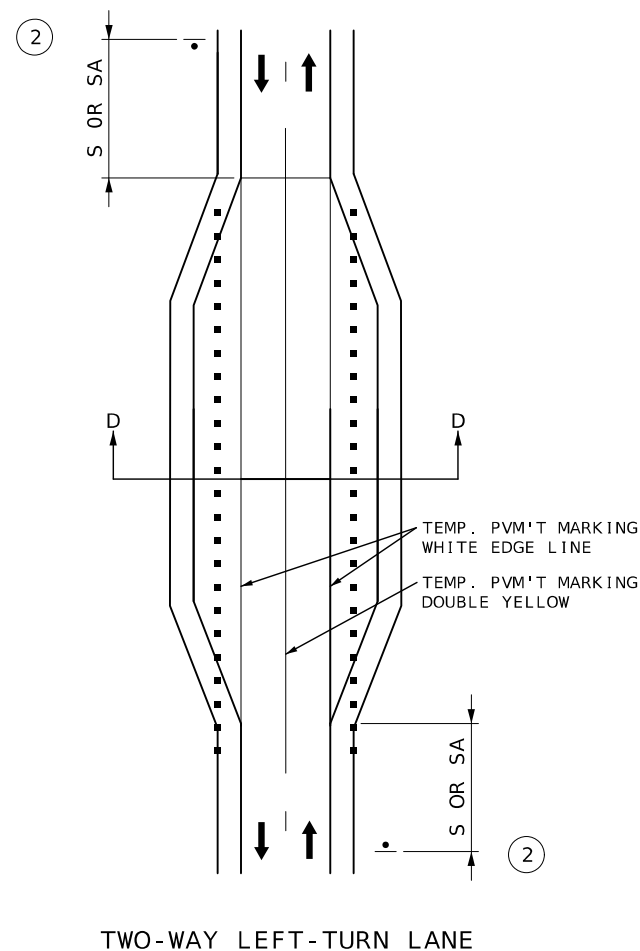
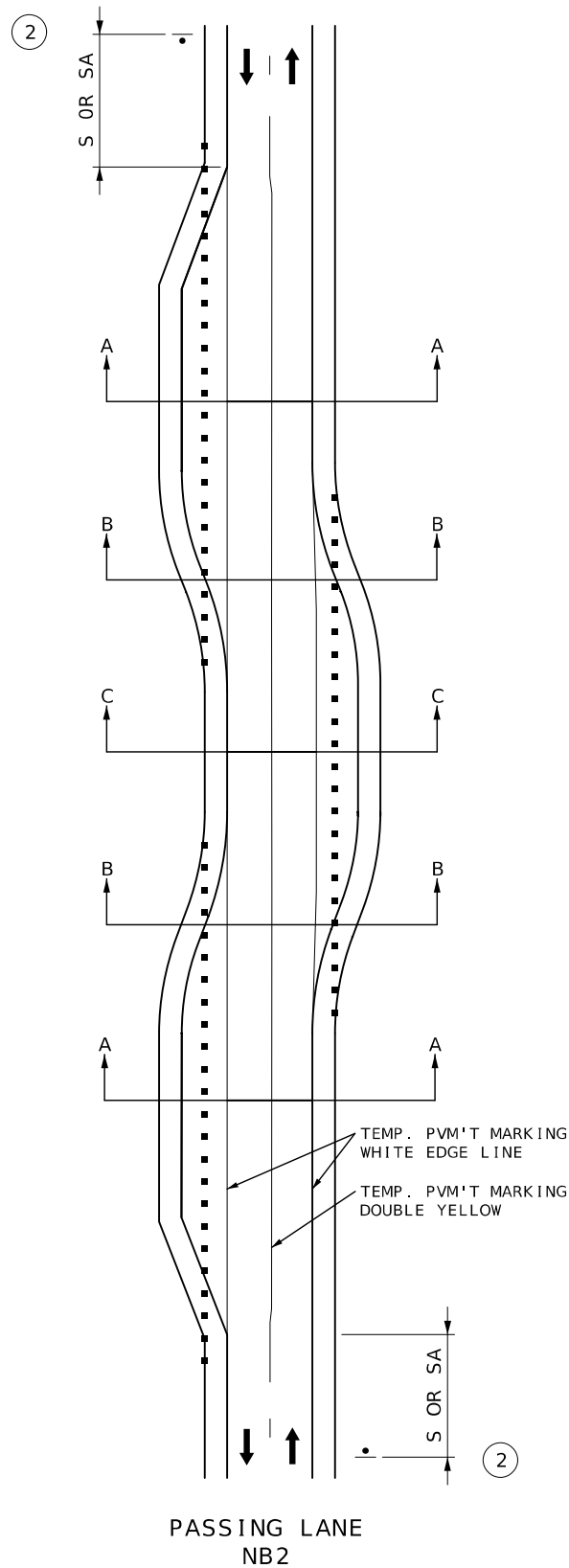
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



TRAFFIC CONTROL SHEET
LANE SHIFT
AFTER WIDENING &
BEFORE RESURFACING
SHEET 64 OF 66

[illegible]



TRAFFIC CONTROL SHEET
LANE SHIFT
AFTER WIDENING &
BEFORE RESURFACING
SHEET 65 OF 66

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/10/2023 5:02:28 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

216

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

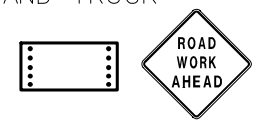
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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





CONST. ROUTE 13

3 ALT. DITCH
CHECKS @ 75'

BR, NO, G0819

9 ALT. DITCH
CHECKS @ 37'

TYPE 2C ECB 3,300 SY
(CONT. TO SHEET 2 OF 40)

3 ALT. DITCH
CHECKS @ 30'

5 ALT. DITCH CHECKS @ 19'
(CONT. SHEET 2 OF 40)

3 ALT. DITCH
CHECKS @ 25'

MATCHLINE STA. 368+00.00

TEMPORARY EROSION CONTROL LEGEND



ALTERNATE DITCH CHECK



CURB INLET CHECK



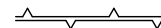
ROCK DITCH CHECK



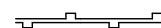
SEDIMENT TRAP



ENERGY DISSIPATOR



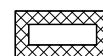
TEMPORARY BERM TYPE B



TEMPORARY BERM TYPE C



SILT FENCE



TEMPORARY SEDIMENT BASIN



PERMANENT SEDIMENT BASIN

STATE OF MISSOURI
JODIE LYNN
PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/03/2026 4:55:56 PM
JODIE LYNN PUHR - CIVIL

DATE PREPARED

DATE PREPARED
8/3/2026

ROUTE 13	STATE MO
-------------	-------------

DISTRICT	SHEET NO.
KC	218

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
14P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

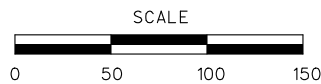
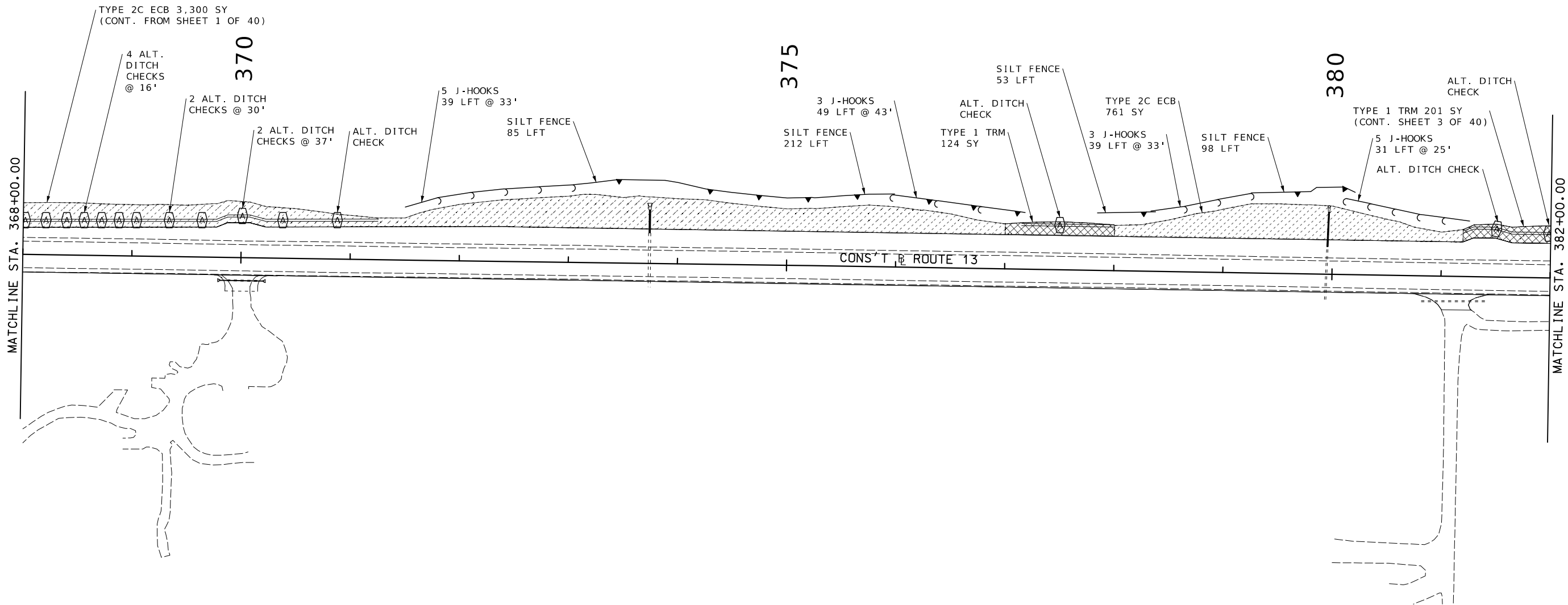
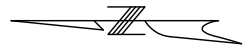
105 WEST CAPITOL
JEFFERSON CITY, MO 65102



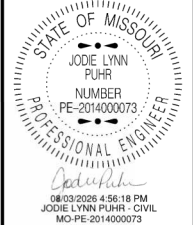
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EROSION CONTROL SHEET
SHEET 1 OF 40

SCALE



EROSION CONTROL SHEET
SHEET 2 OF 40



DATE PREPARED
8/3/2026

ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	219

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

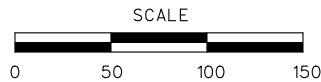
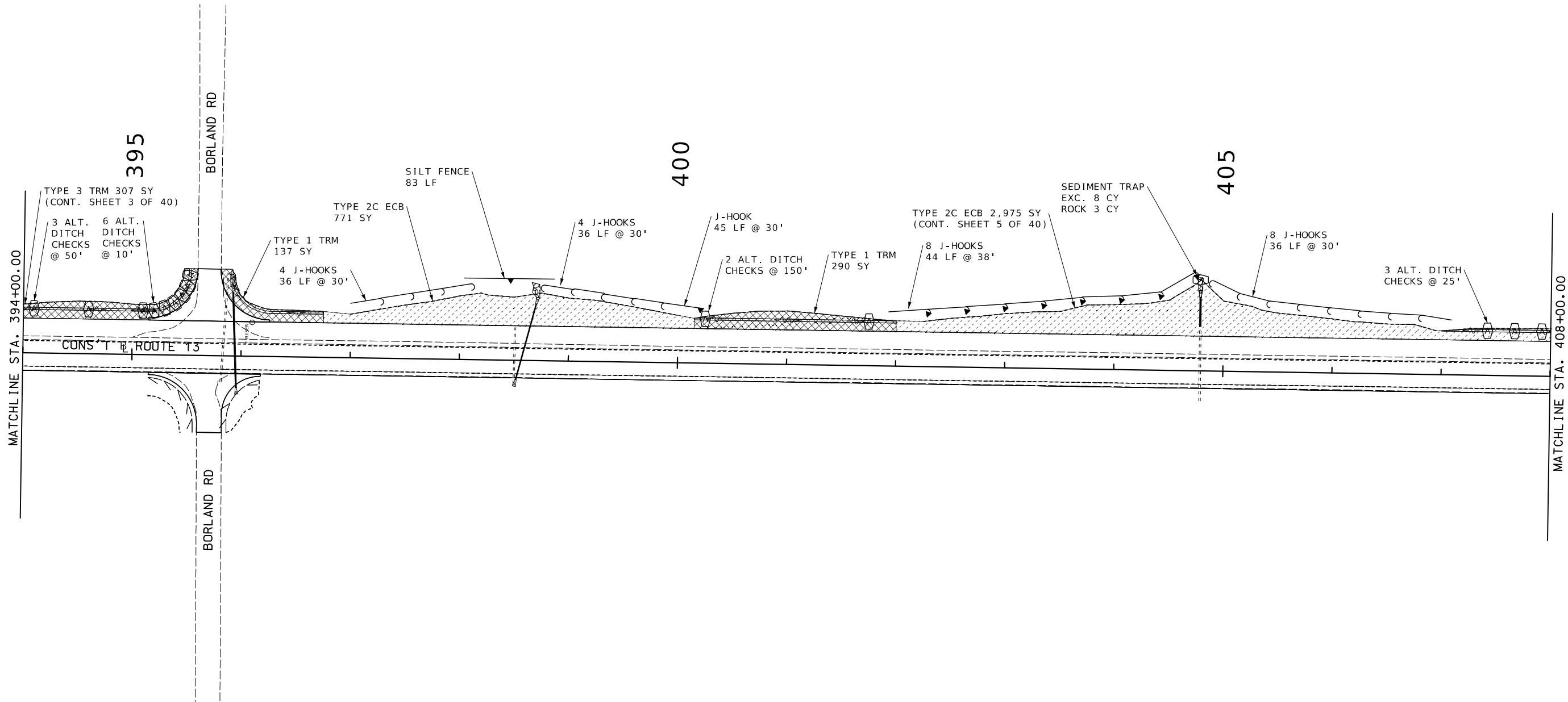
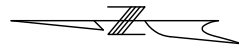
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

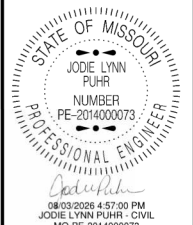

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



EROSION CONTROL SHEET
SHEET 4 OF 40



DATE PREPARED
8/3/2026

ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	221

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

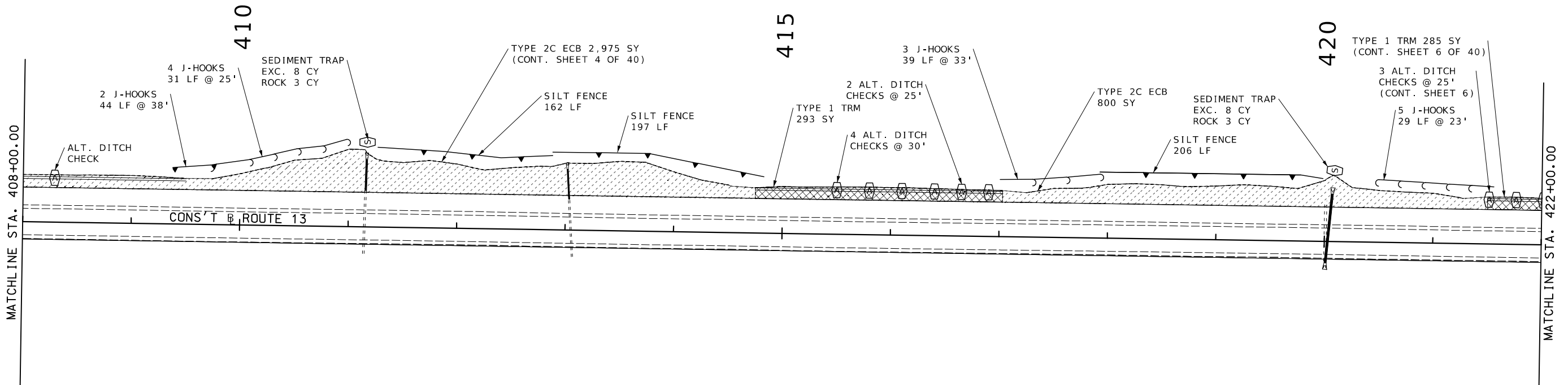
PROJECT NO.

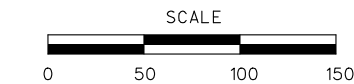
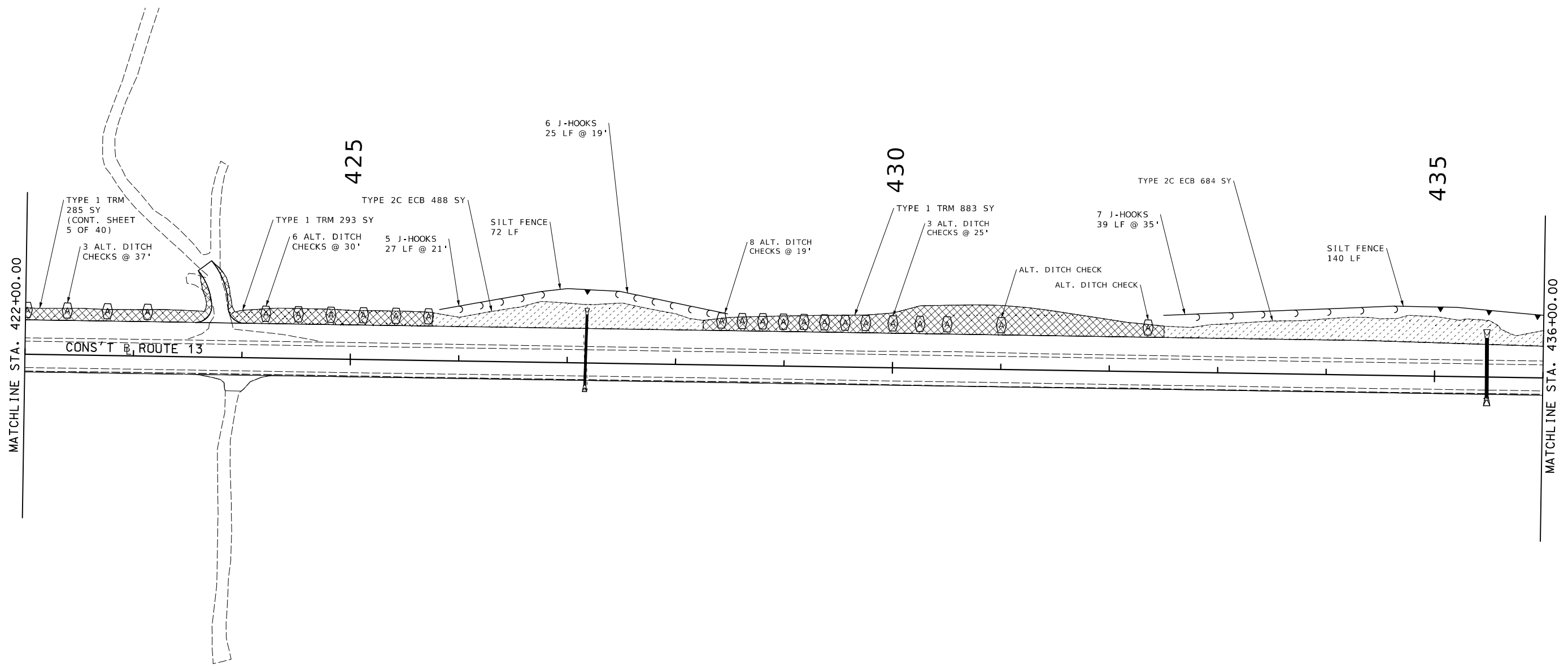
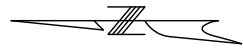
BRIDGE NO.

DATE	DESCRIPTION

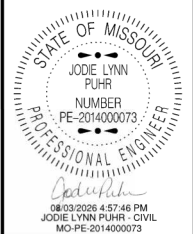
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION


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





EROSION CONTROL SHEET
SHEET 6 OF 40

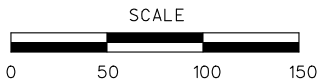
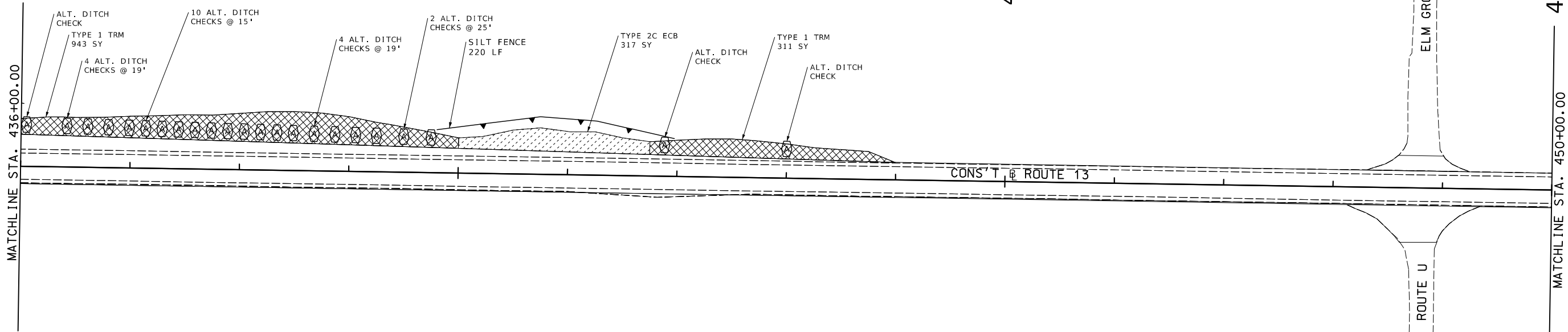


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 223
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

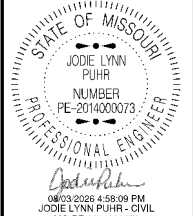
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



EROSION CONTROL SHEET
SHEET 7 OF 40

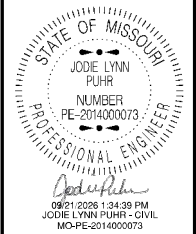
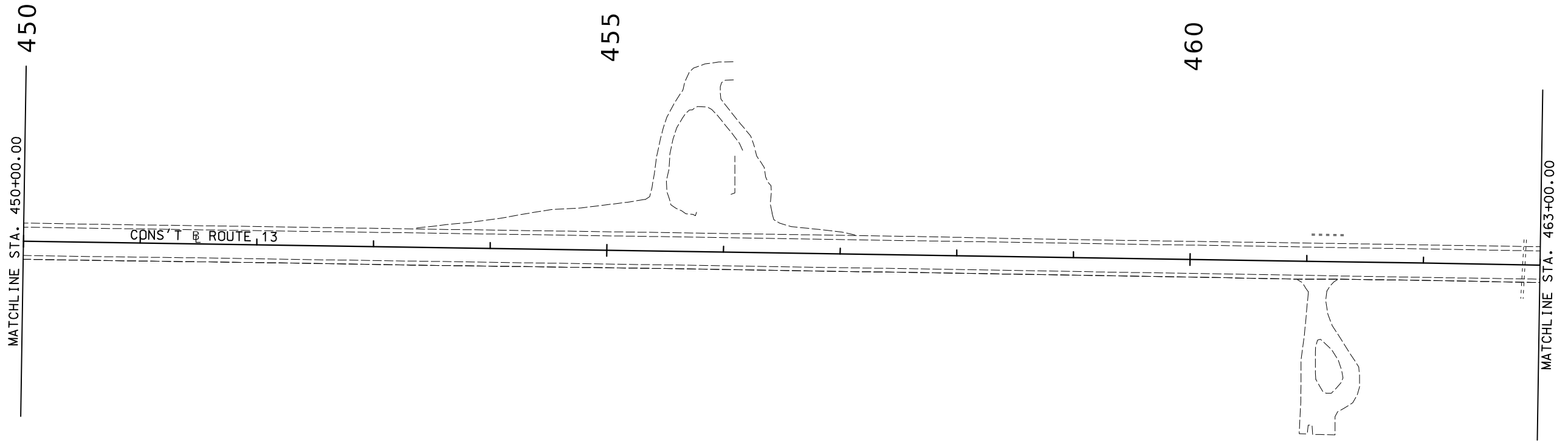
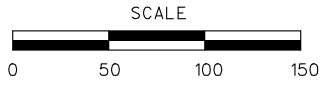


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 224
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



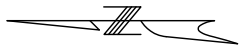
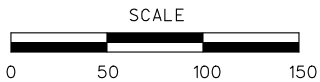
DATE PREPARED 9/21/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 225
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



MATCHLINE STA. 463+00.00

CONST. E., ROUTE 13

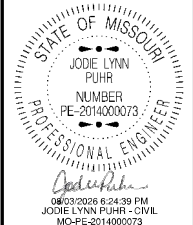
465

470

475

MATCHLINE STA. 475+00.00

EROSION CONTROL SHEET
SHEET 9 OF 40



DATE PREPARED
8/3/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 226

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

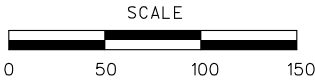
BRIDGE NO.

DATE	DESCRIPTION

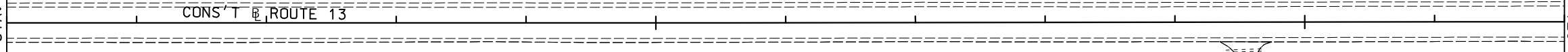
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

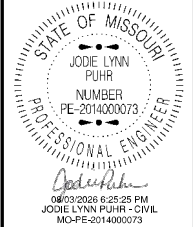


MATCHLINE STA. 475+00.00 475



MATCHLINE STA. 487+00.00

EROSION CONTROL SHEET
SHEET 10 OF 40

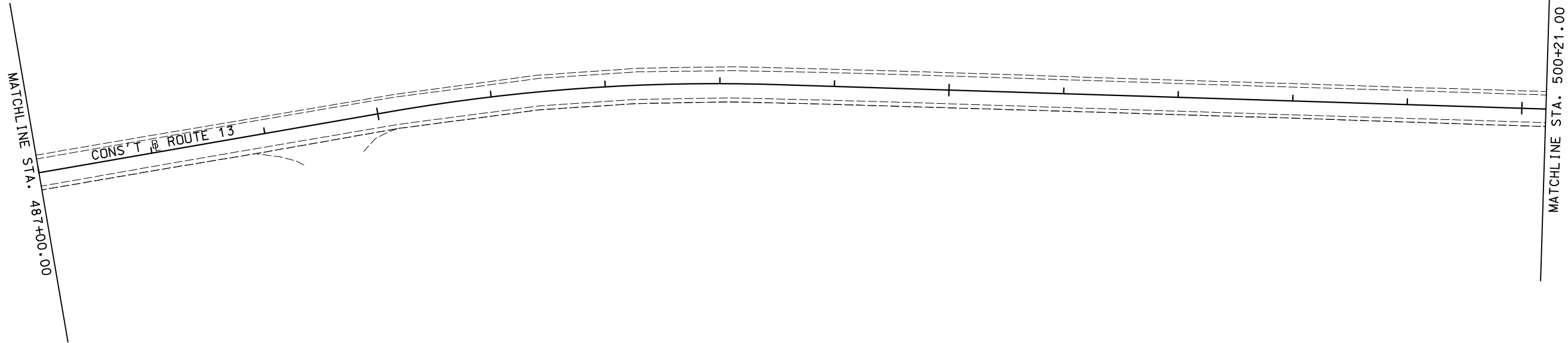
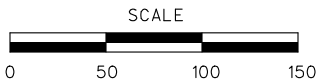


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 227
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

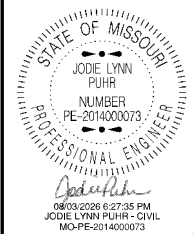
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



EROSION CONTROL SHEET
SHEET 11 OF 40



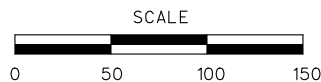
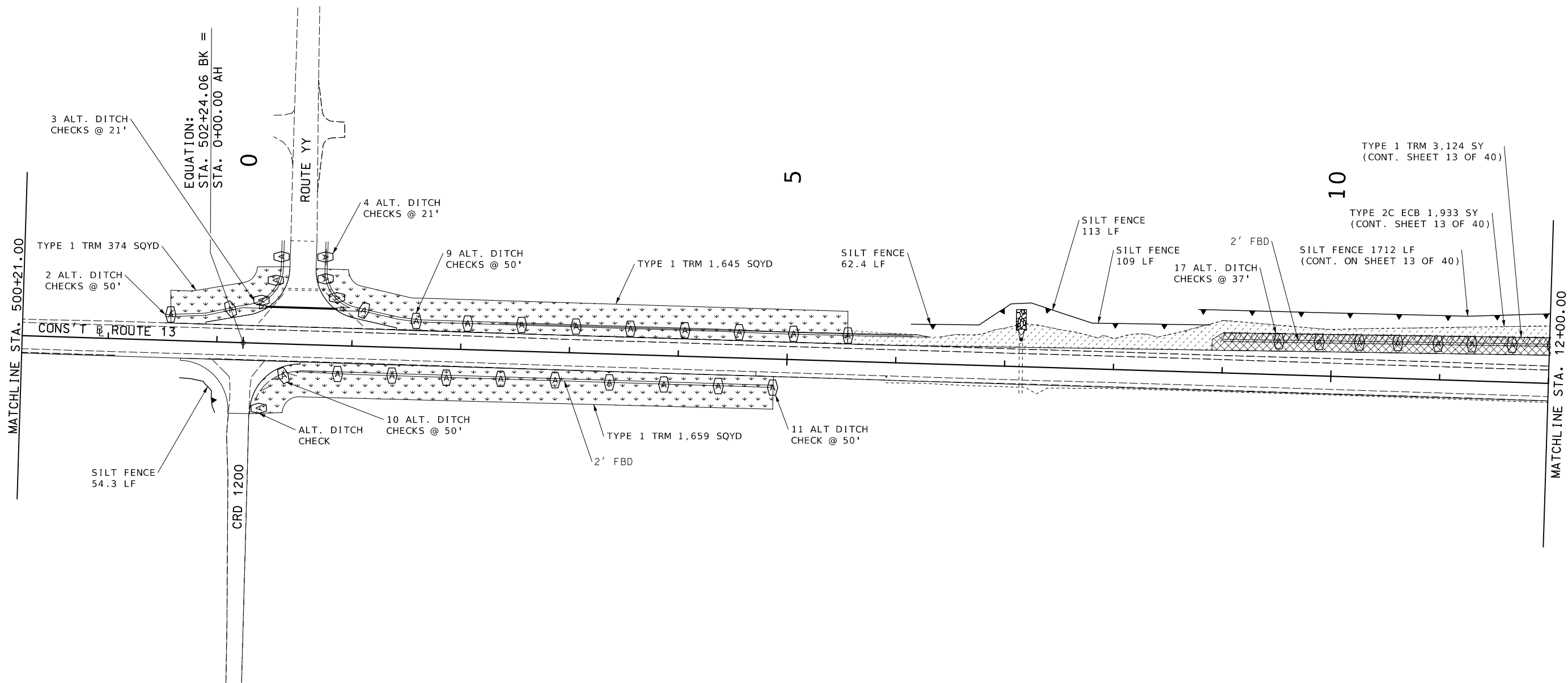
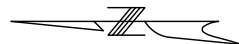
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 228
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

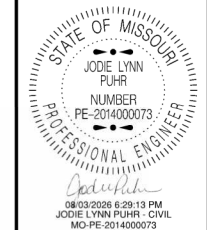
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



EROSION CONTROL SHEET
SHEET 12 OF 40



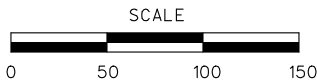
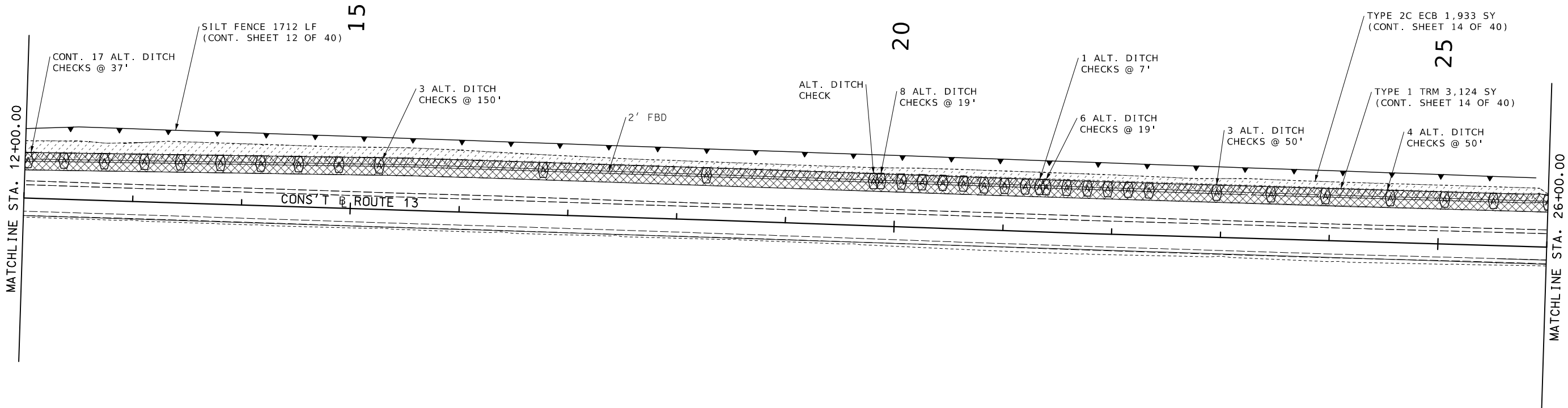
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 229
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

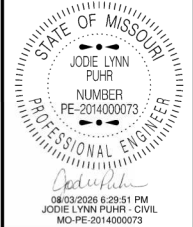
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



EROSION CONTROL SHEET
SHEET 13 OF 40

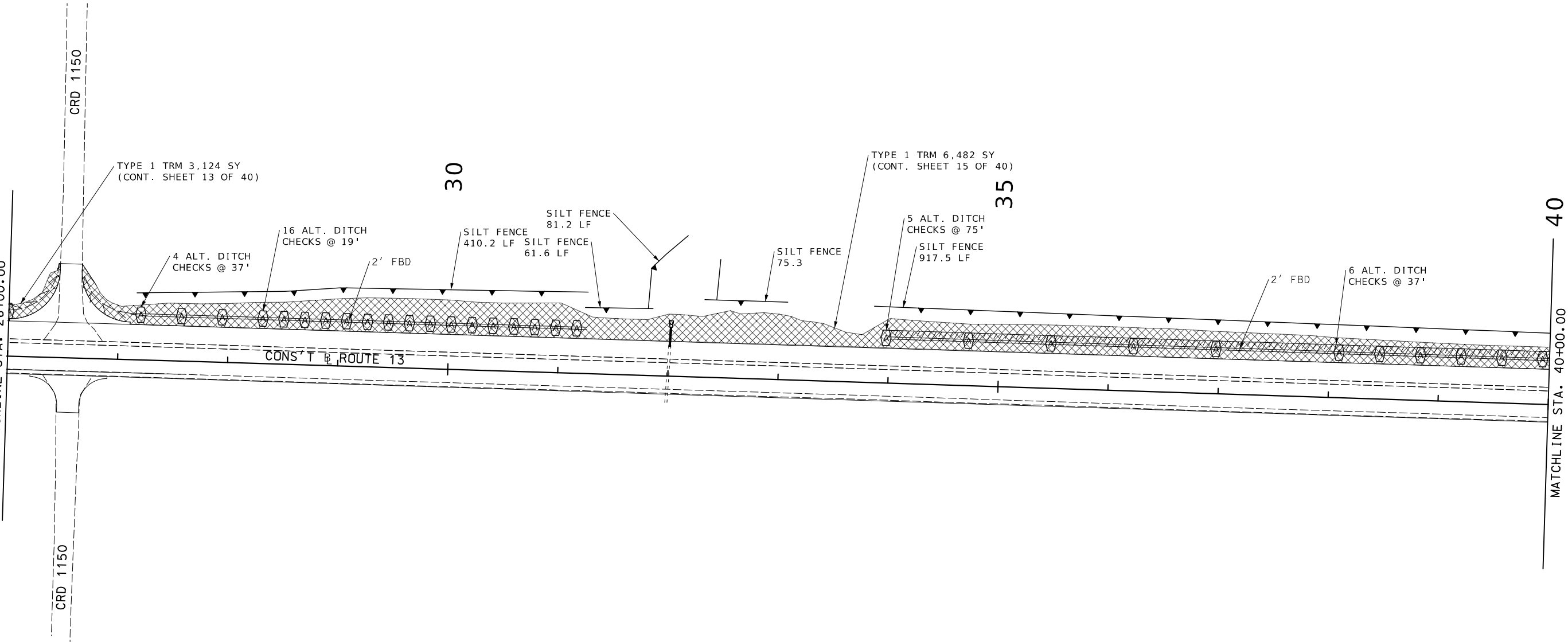


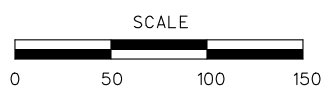
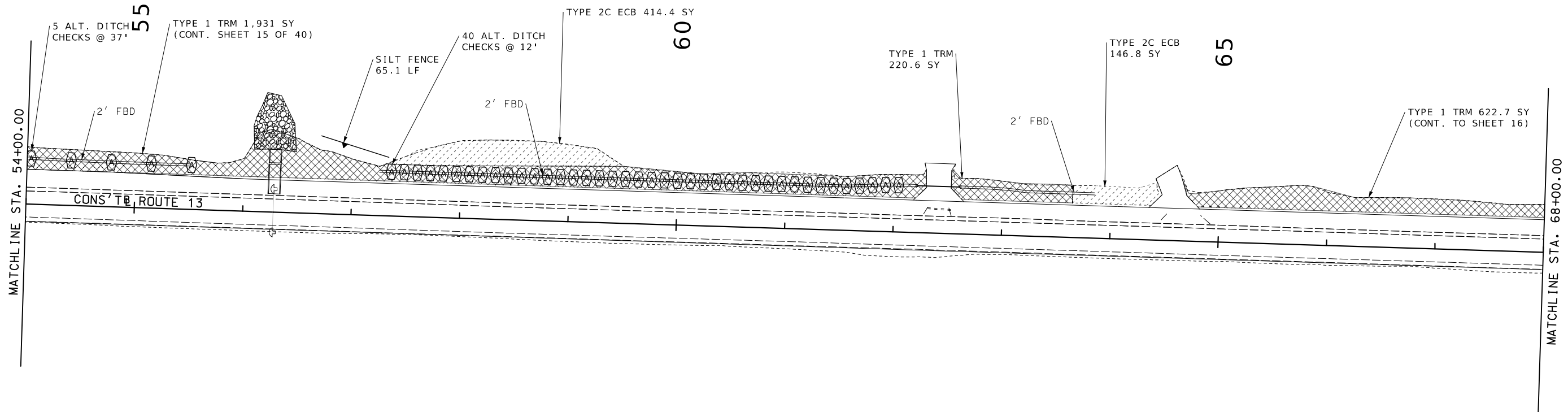
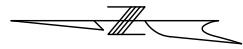
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 230
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

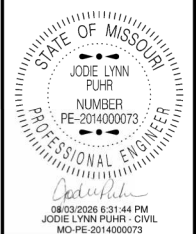
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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





EROSION CONTROL SHEET
SHEET 16 OF 40

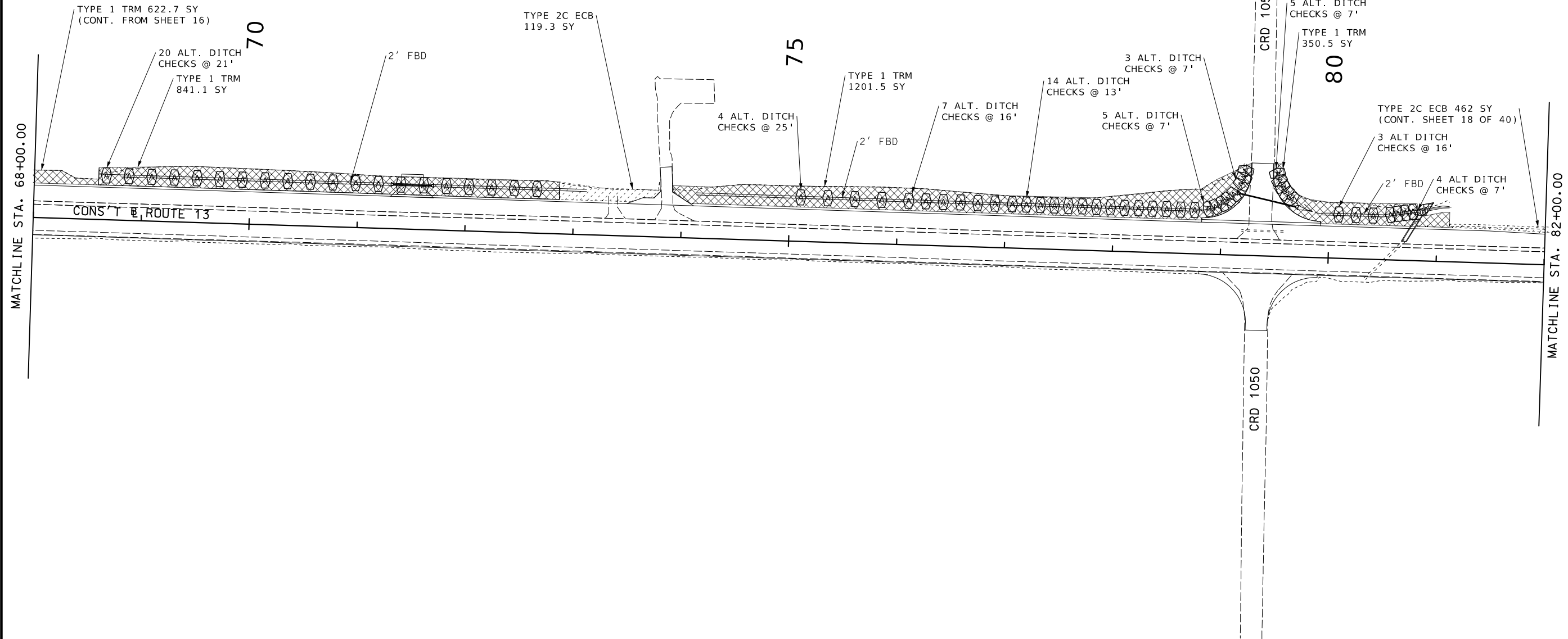


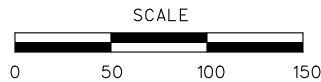
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 233
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)





MATCHLINE STA. 82+00.00

58

TYPE 2C ECB 462 SY
(CONT. SHEET 17 OF 40)

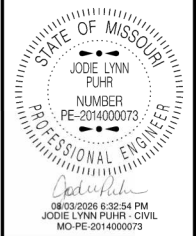
CONS' T, & ROUTE 13

90

95

P.E.

MATCHLINE STA. 96+00.00



DATE PREPARED
8/3/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	235

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

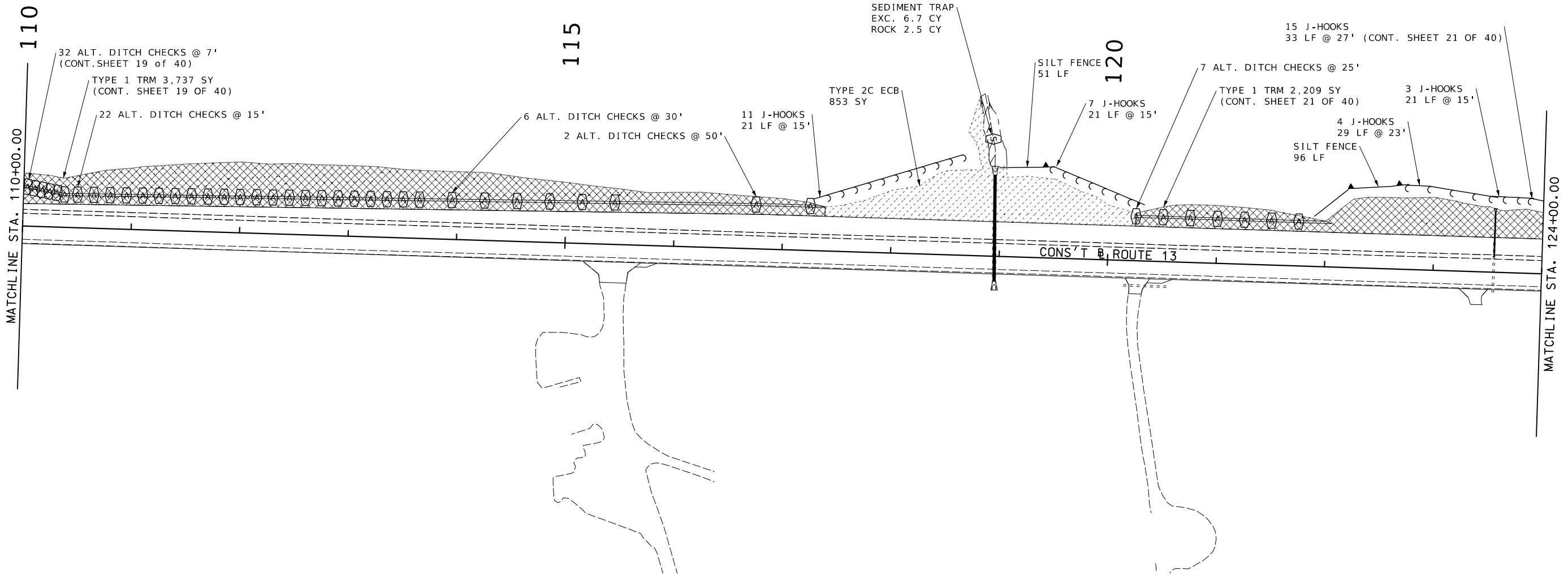
PROJECT NO.

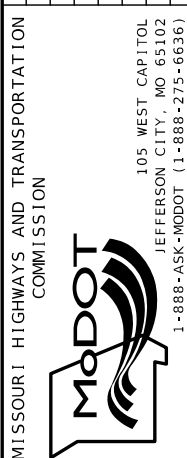
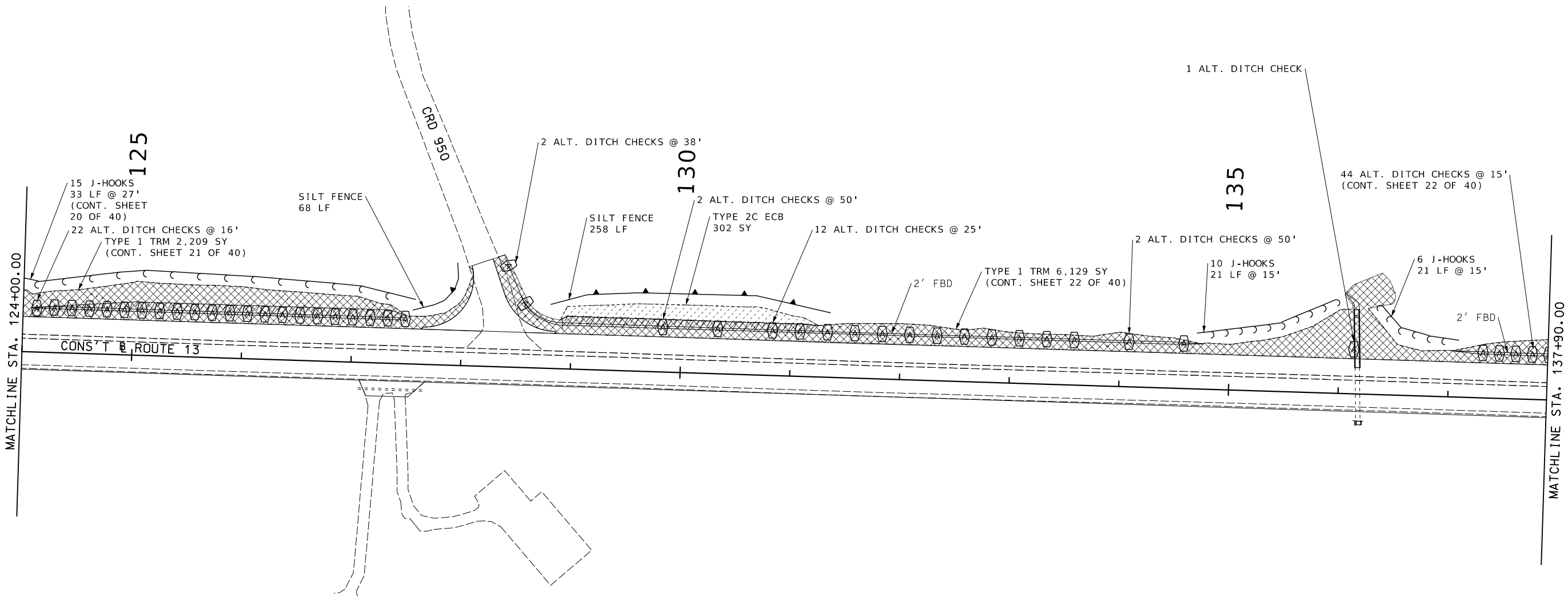
BRIDGE NO.

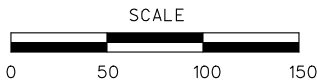
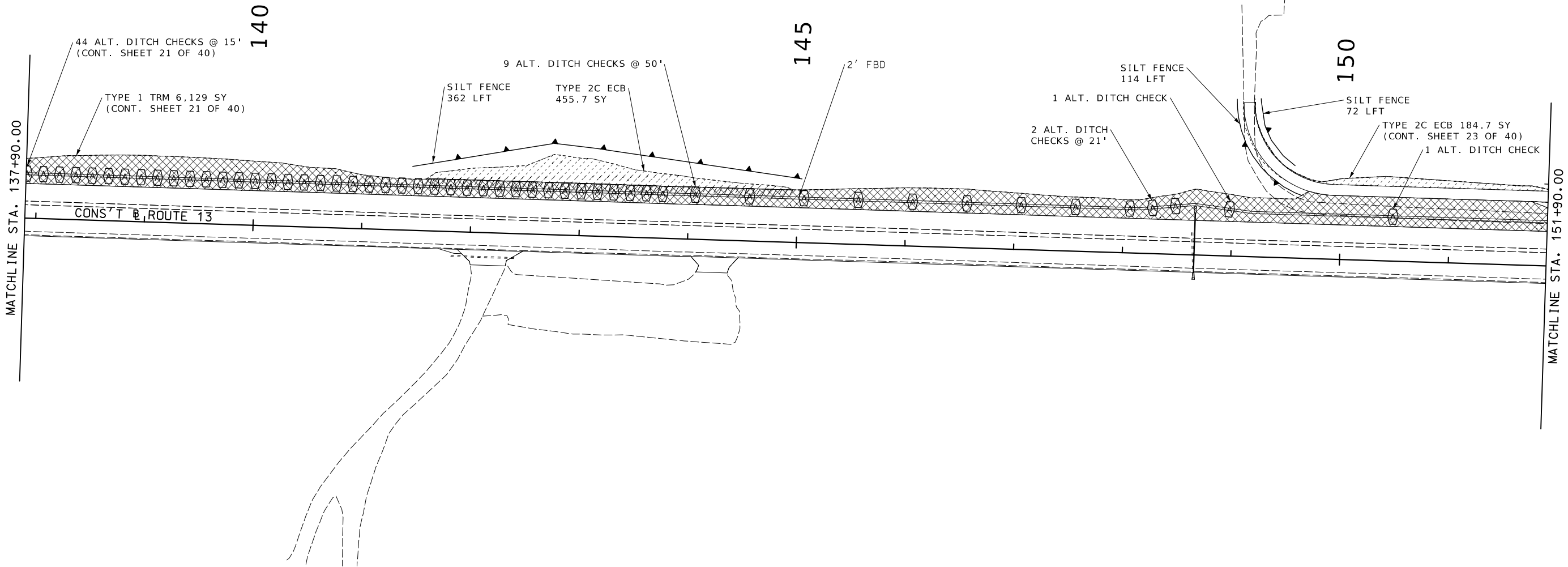
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COMMISSION

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

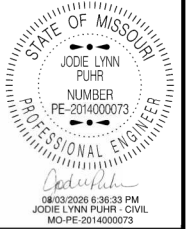
EROSION CONTROL SHEET
SHEET 18 OF 40







EROSION CONTROL SHEET
SHEET 22 OF 40



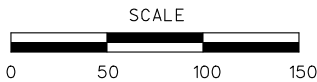
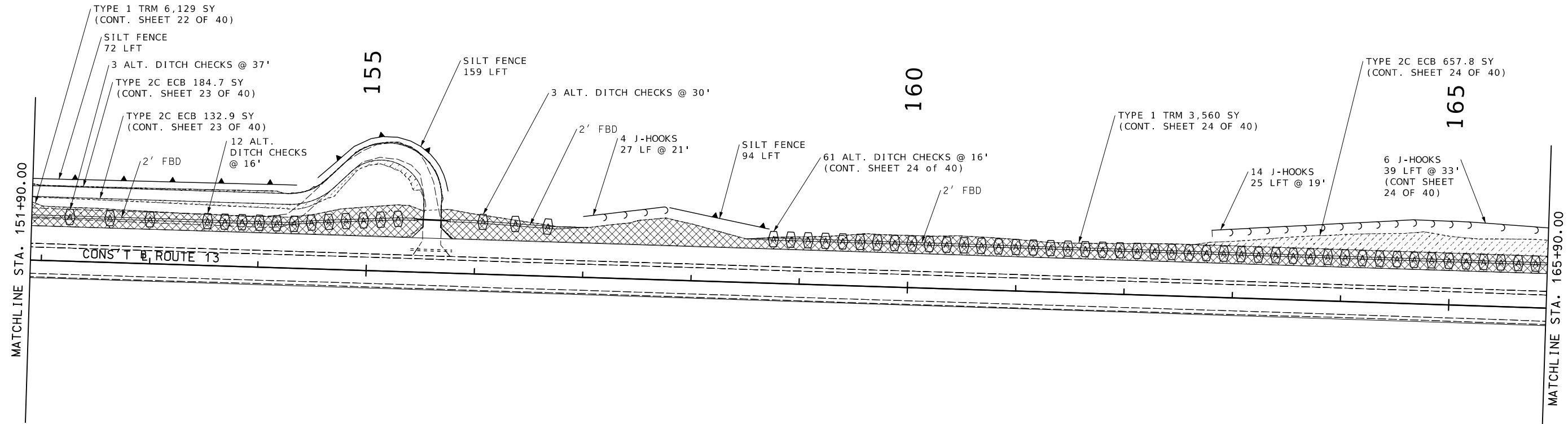
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 239
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

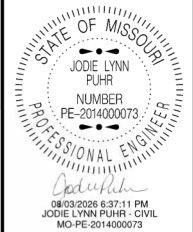
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



EROSION CONTROL SHEET
SHEET 23 OF 40

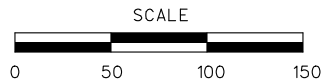
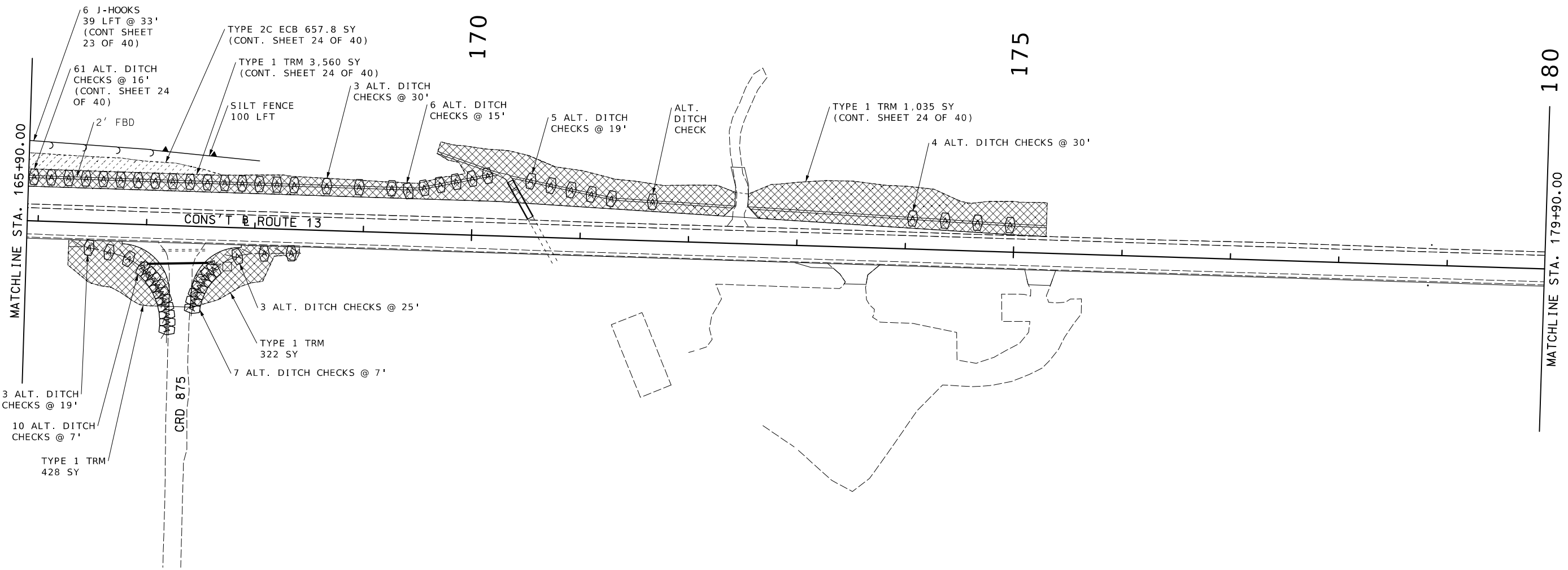
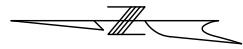


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 240
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

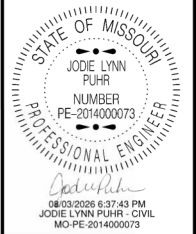
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



EROSION CONTROL SHEET
SHEET 24 OF 40



DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 241
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



MATCHLINE STA. 179+90.00

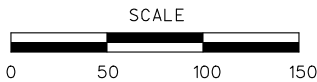
180

CONST. ROUTE 13

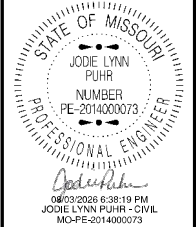
185

190

MATCHLINE STA. 193+80.00



EROSION CONTROL SHEET
SHEET 25 OF 40



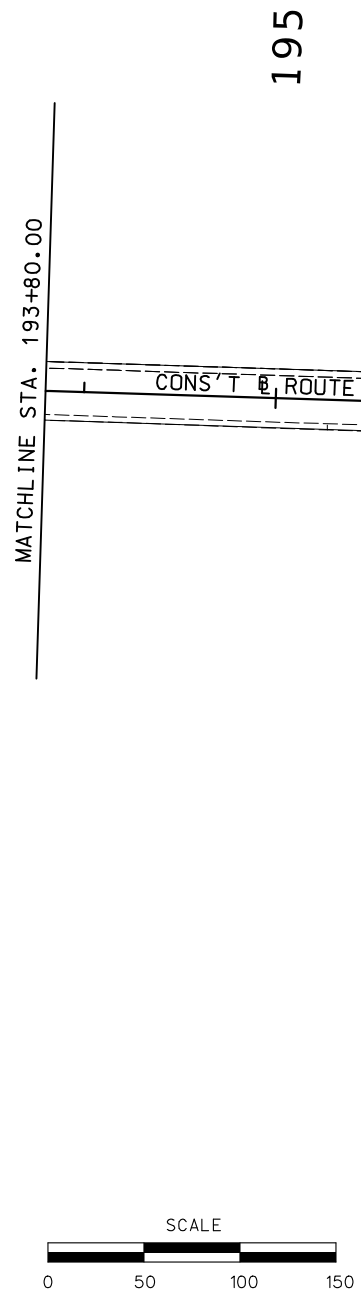
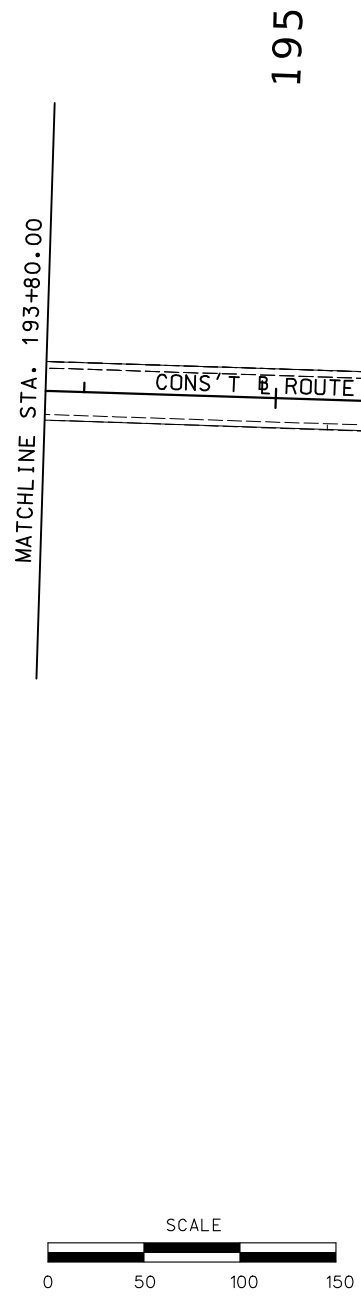
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 242
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

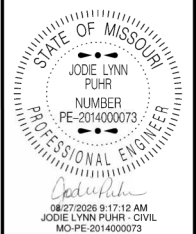
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



EROSION CONTROL SHEET
SHEET 26 OF 40

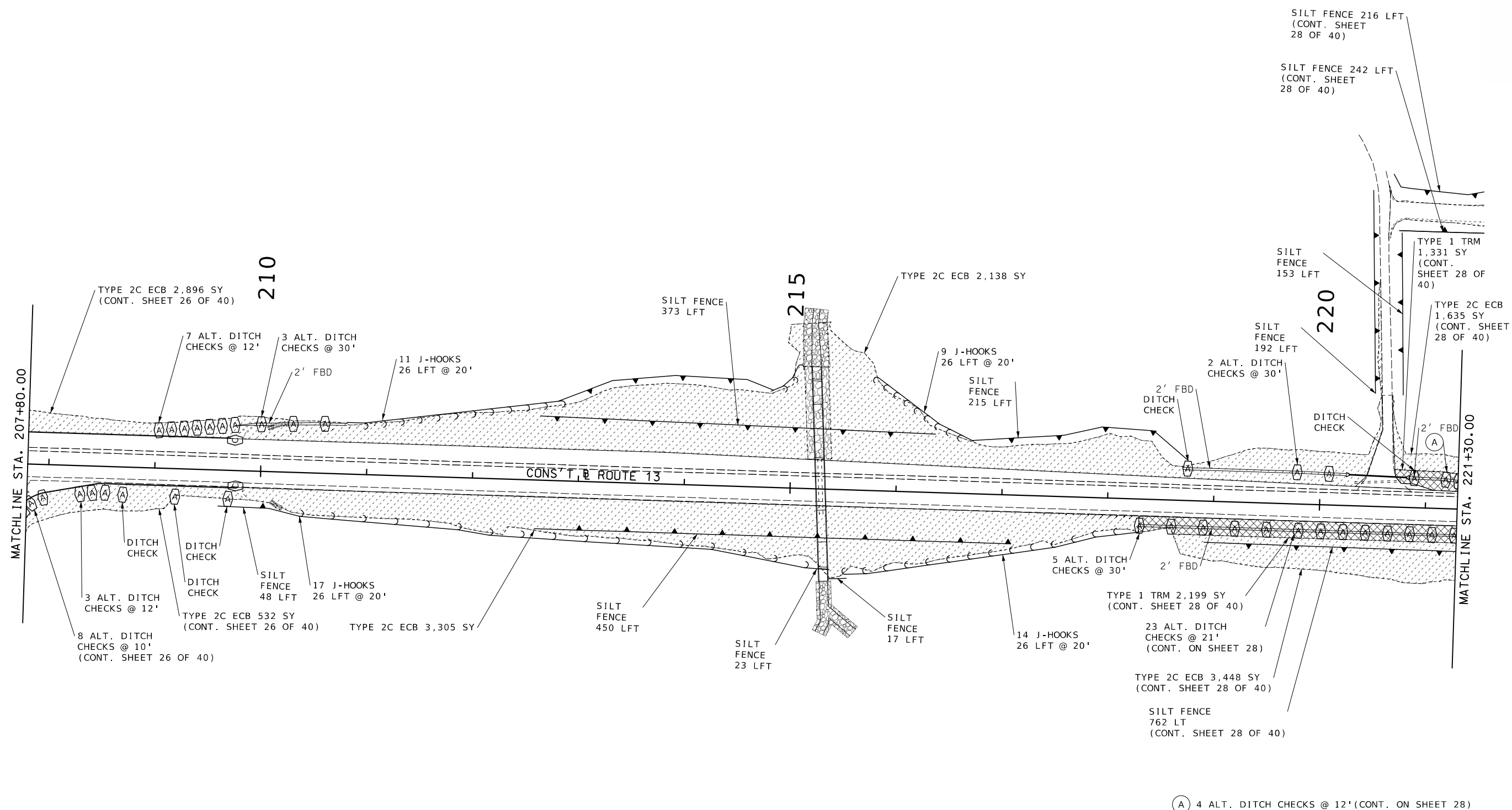
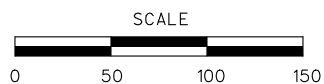


DATE PREPARED	
8/25/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	243
COUNTY	
LAFAYETTE / JOHNSON	
JOB NO.	
J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

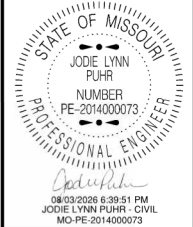
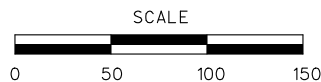
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



EROSION CONTROL SHEET
SHEET 27 OF 40

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



DATE PREPARED
8/3/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 245

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

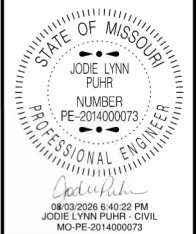
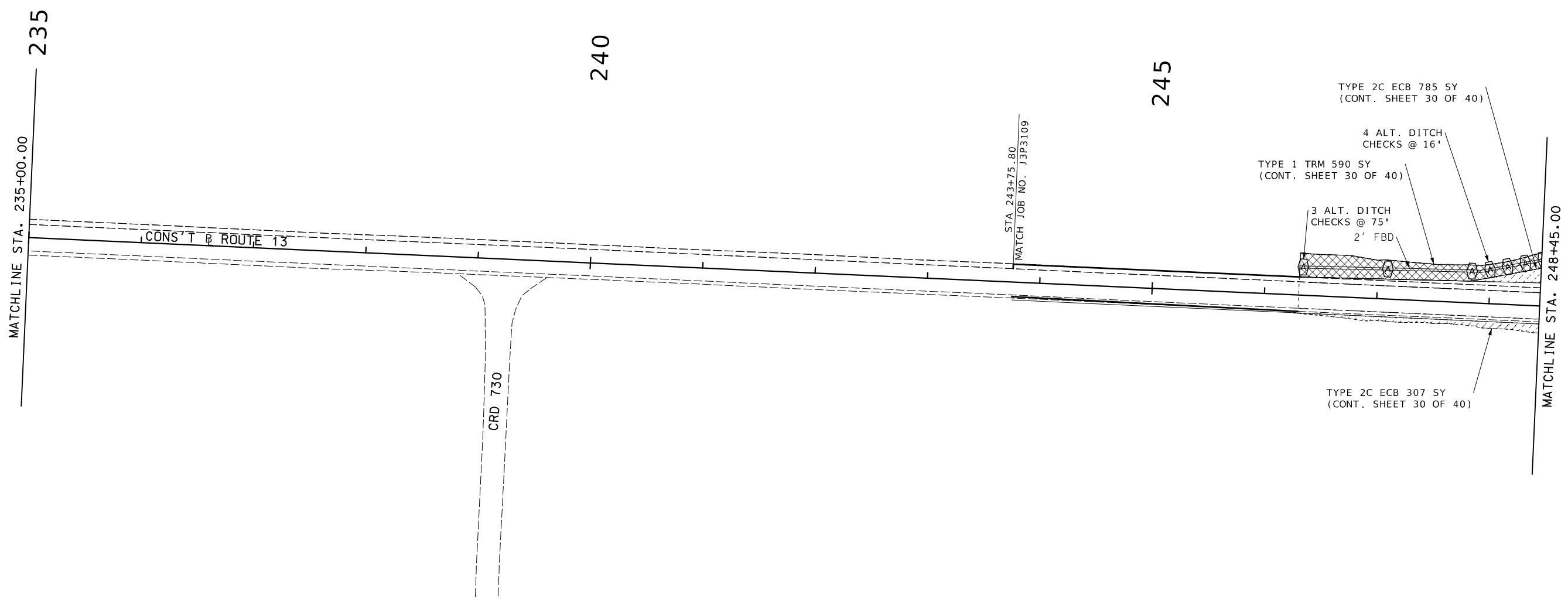
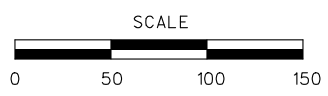
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



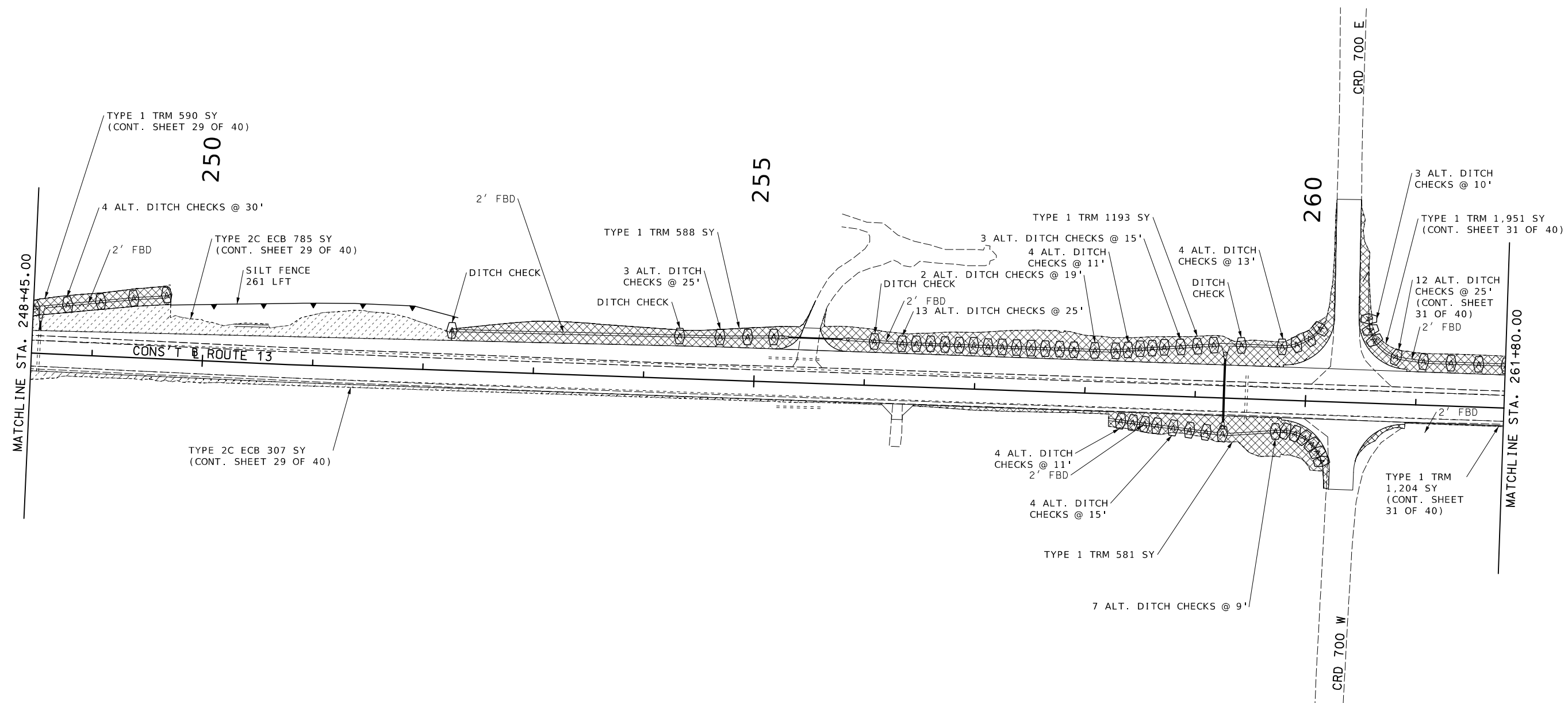


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 246
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

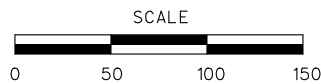
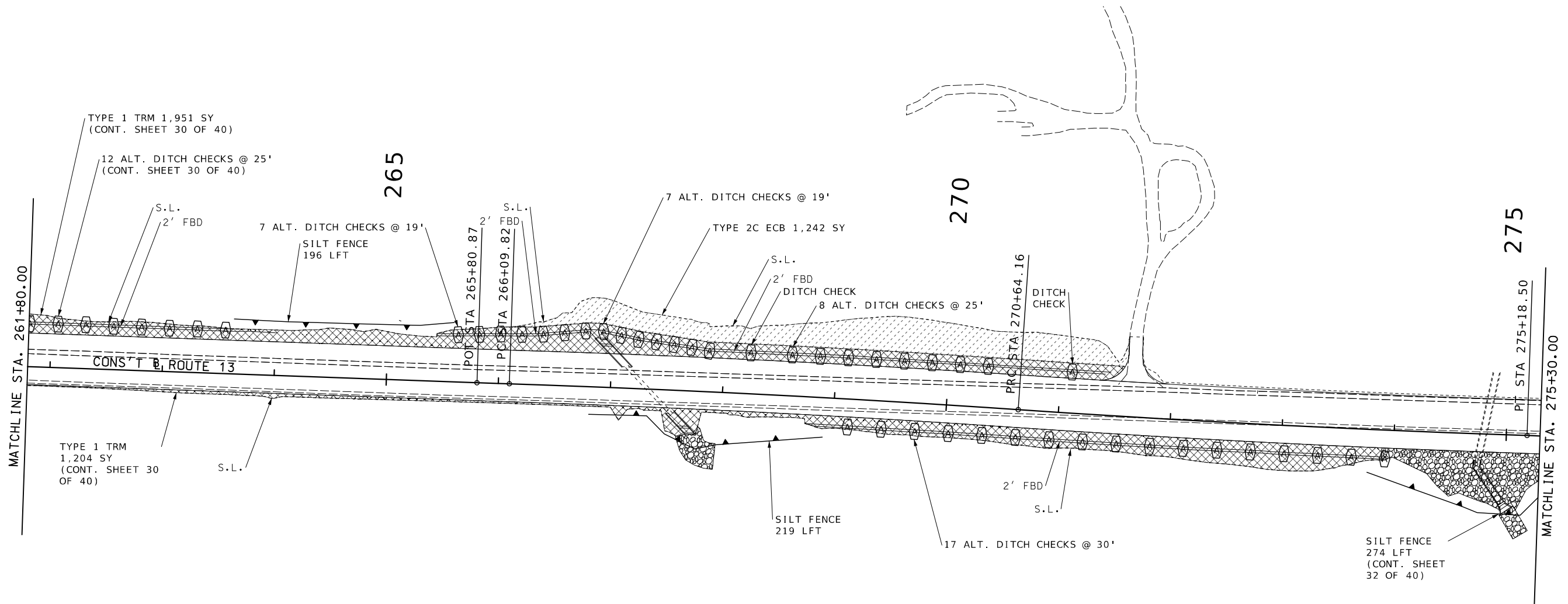
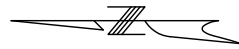
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



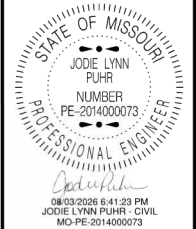
EROSION CONTROL SHEET
SHEET 30 OF 40


 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102





EROSION CONTROL SHEET
SHEET 31 OF 40



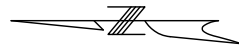
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 248
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



08/03/2026 8:41:58 PM
JODIE LYNN RUHR - CIVIL
MO-PE-2014000073



DATE PREPARED
8/3/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 249

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MATCHLINE STA. 275+30.00

MATCHLINE STA. 288+80.00

CONS'T @ ROUTE 13

SILT FENCE
274 LFT
(CONT. SHEET
31 OF 40)

2' FBD
S.L.

TYPE 1 TRM 1,296 SY

TYPE 2C ECB 851 SY

48 ALT. DITCH CHECKS @ 13'

3 ALT. DITCH CHECKS @ 37'

DITCH CHECK

S.L.
2' FBD

TYPE 1 TRM 1,444 SY

DITCH CHECK

5 ALT. DITCH CHECKS @ 50'

TYPE 1 TRM 2,872 SY
(CONT. SHEET 33 OF 40)

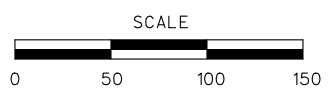
2' FBD

S.L.

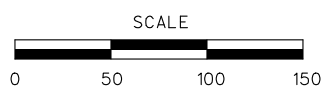
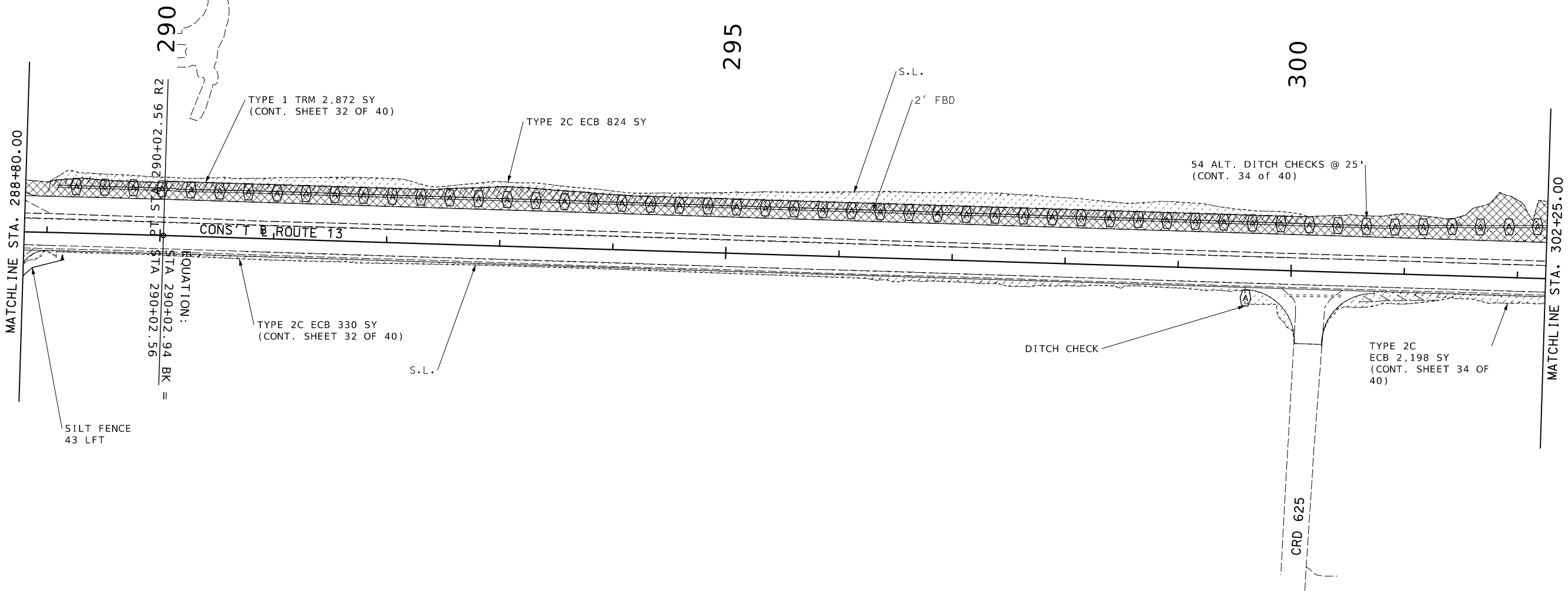
TYPE 2C ECB 657 SY

SILT FENCE
475 LFT

TYPE 2C ECB 330 SY
(CONT. SHEET 33 OF 40)



EROSION CONTROL SHEET
SHEET 32 OF 40



EROSION CONTROL SHEET
SHEET 33 OF 40

STATE OF MISSOURI

JODIE LYNN FUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/03/2026 6:42:24 PM
JODIE LYNN FUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
8/3/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 250

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

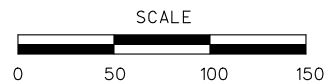
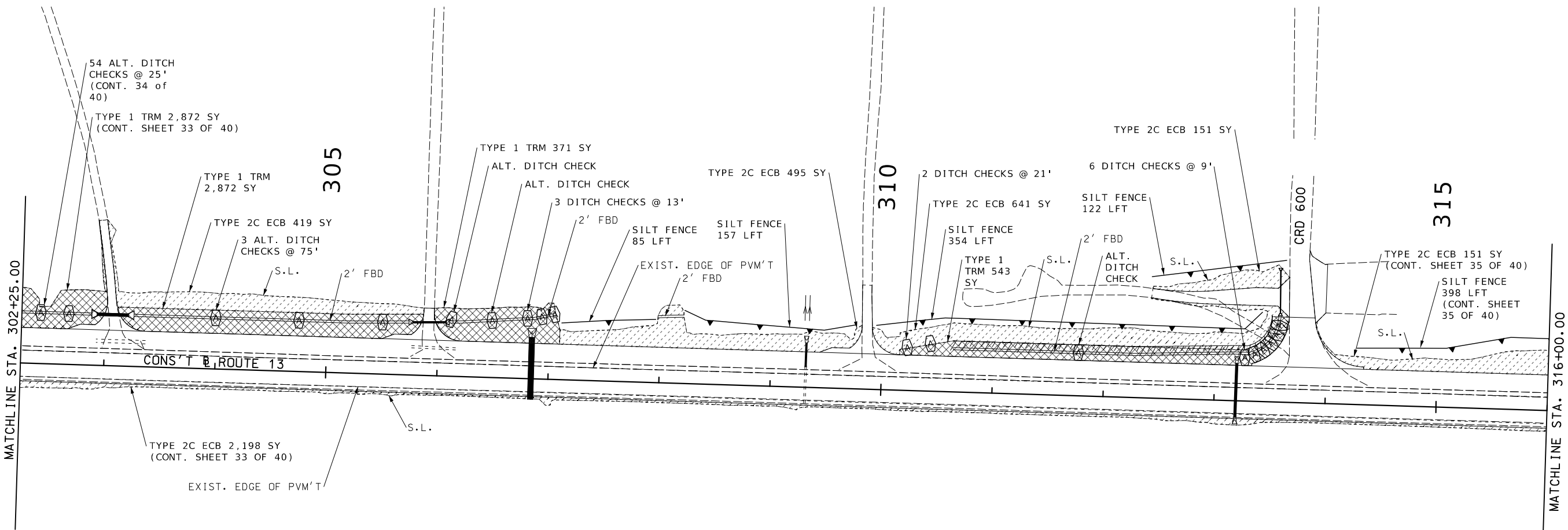
PROJECT NO.

BRIDGE NO.

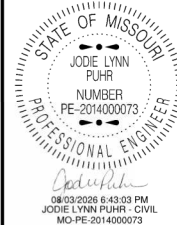
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



EROSION CONTROL SHEET
SHEET 34 OF 40



DATE PREPARED
8/3/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
251

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

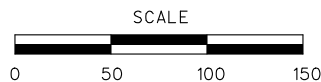
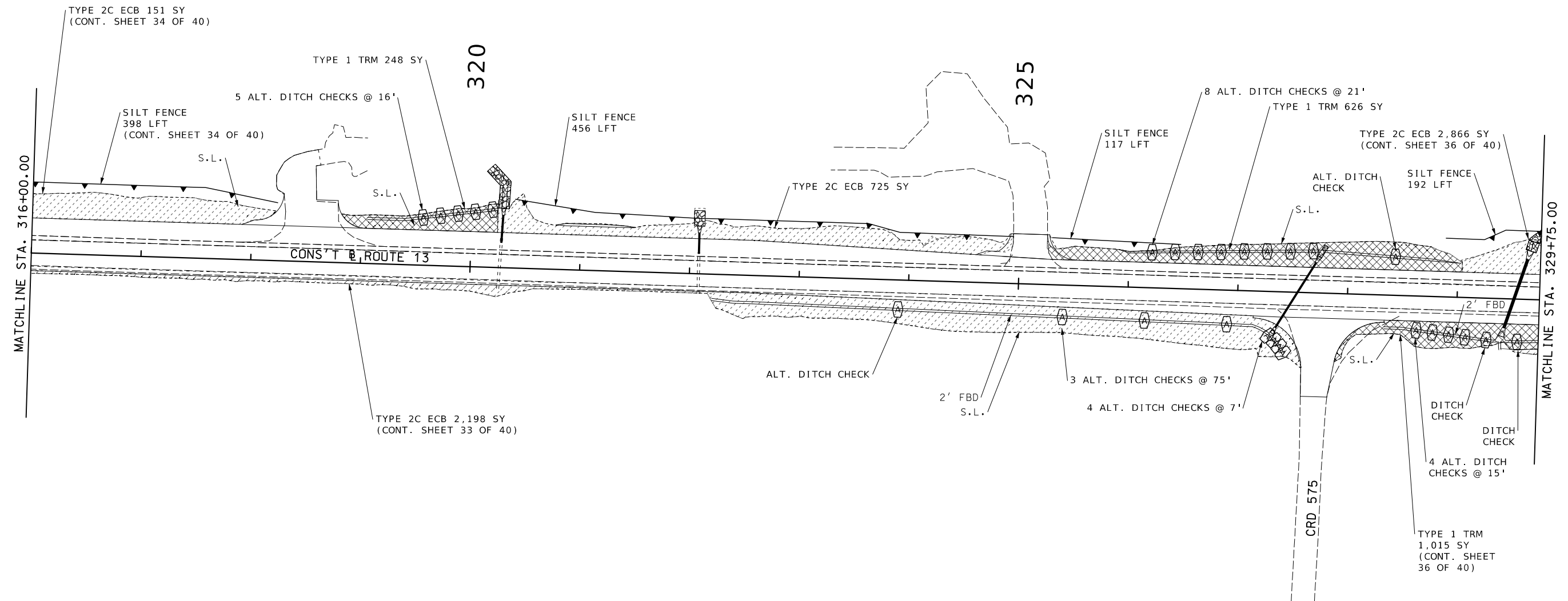
PROJECT NO.

BRIDGE NO.

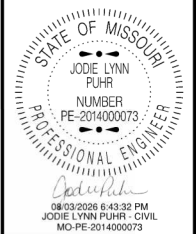
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



EROSION CONTROL SHEET
SHEET 35 OF 40

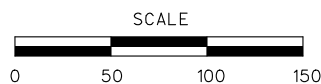
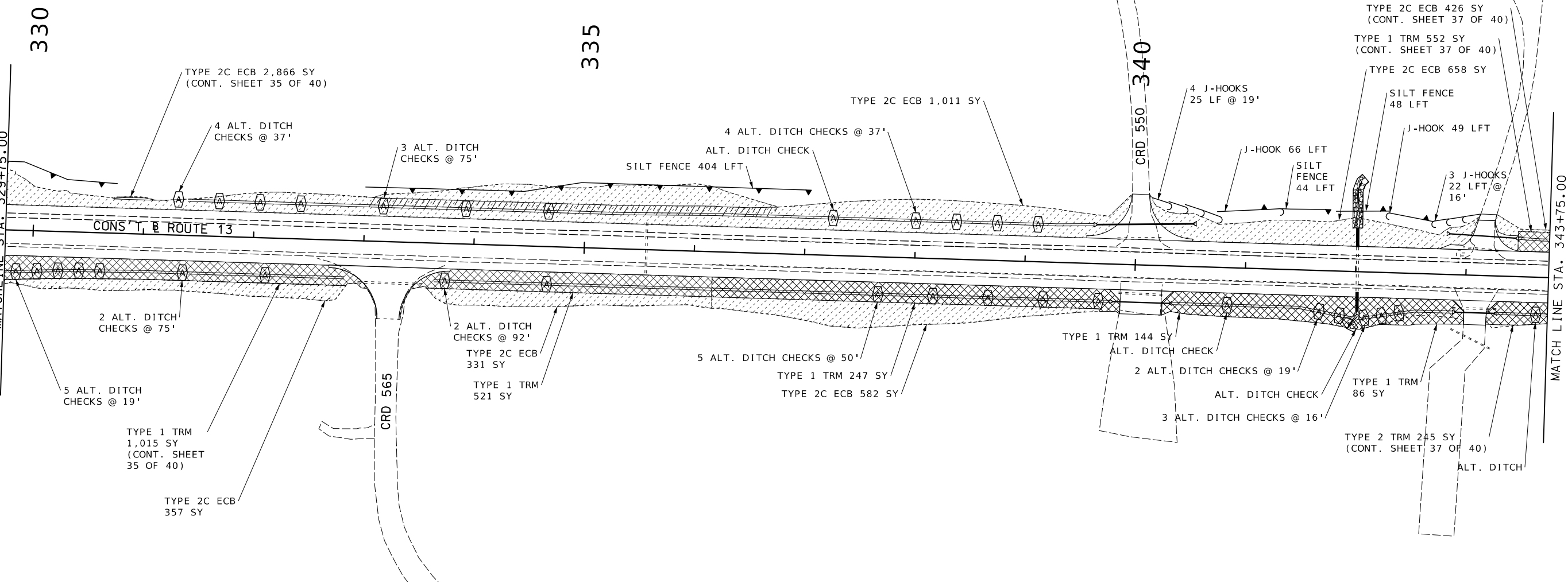


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 252
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

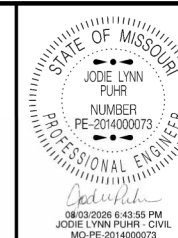
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



EROSION CONTROL SHEET
SHEET 36 OF 40



DATE PREPARED
8/3/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	253

COUNTY

AFAYETTE / JOHNS

JOB NO.
14P2333

CONTRACT ID.

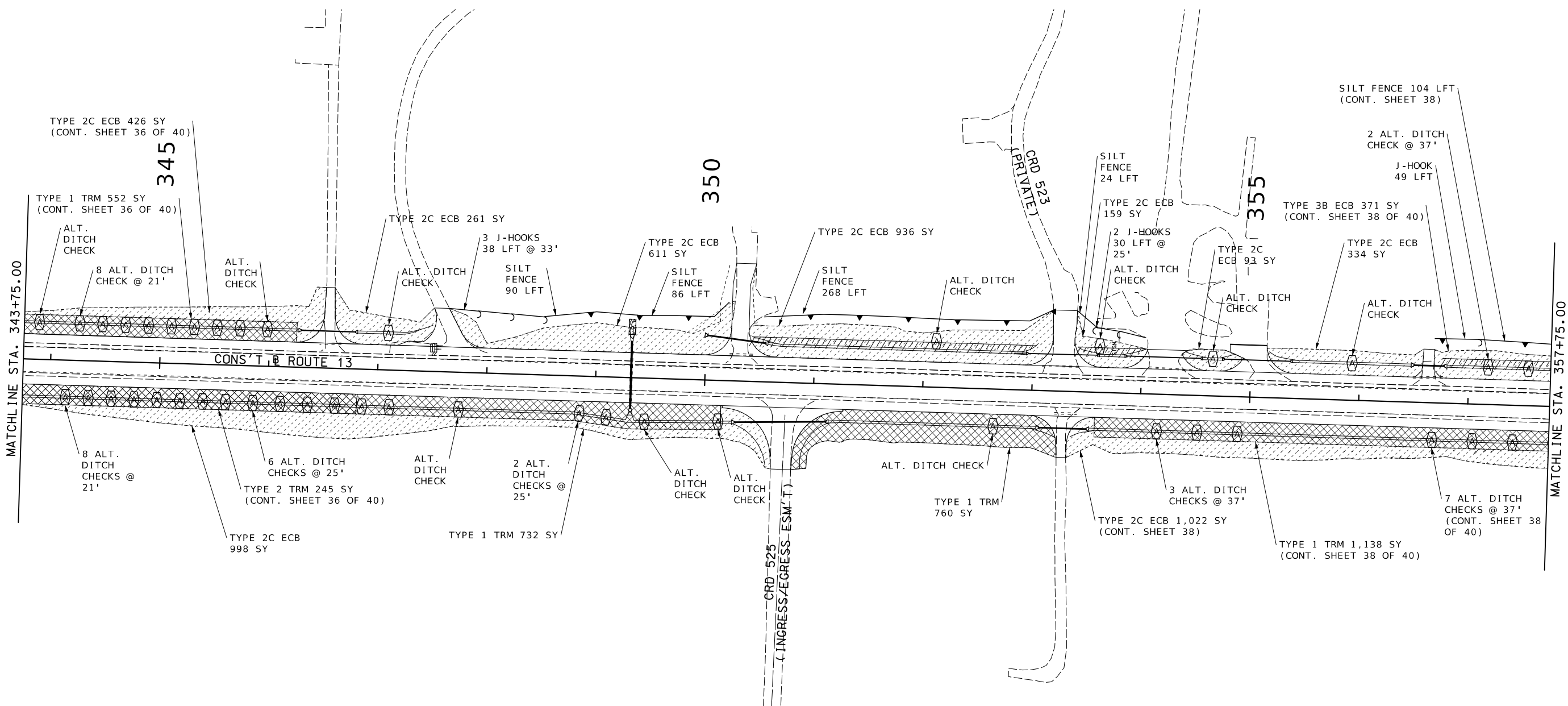
PROJECT NO.

BRIDGE NO.

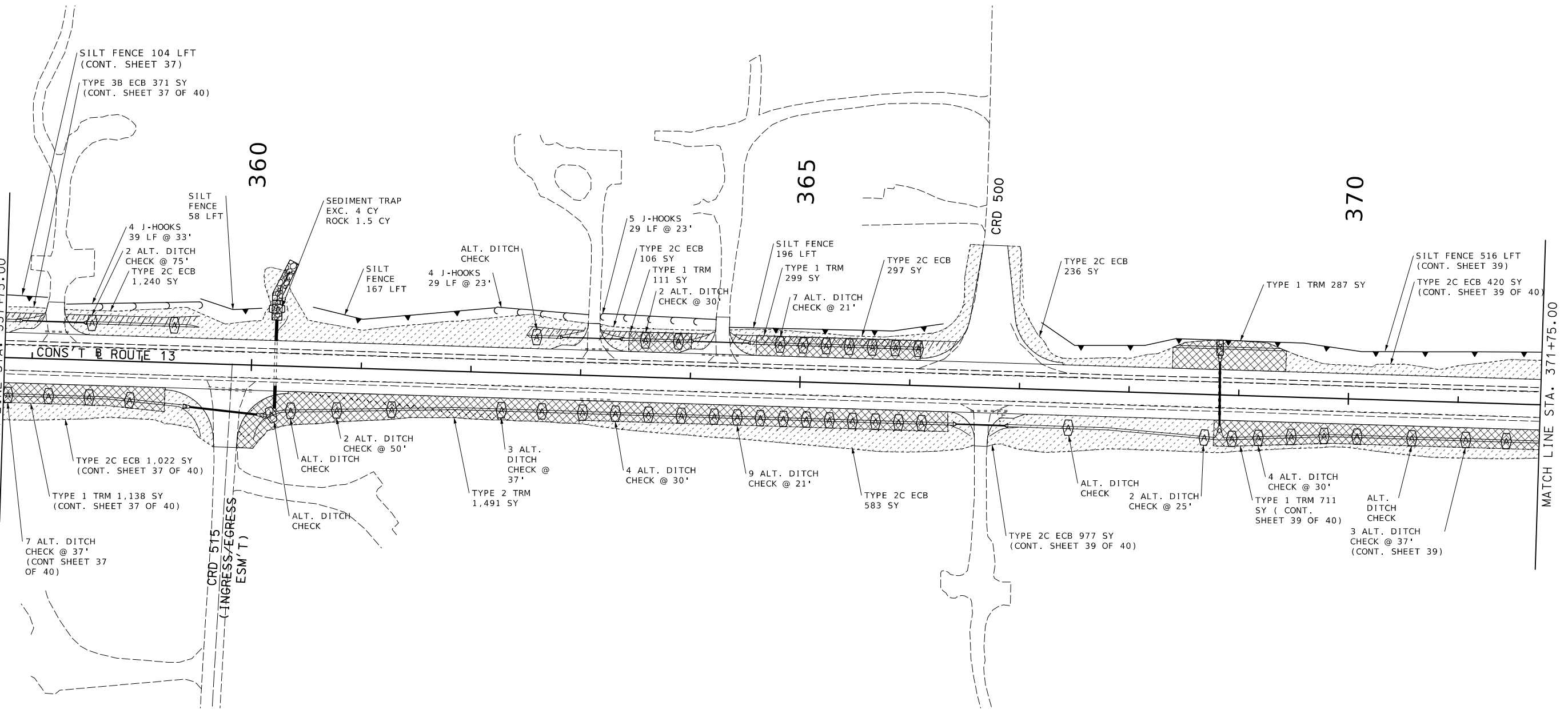
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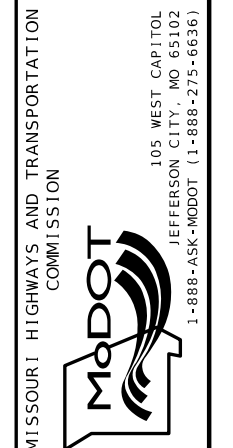
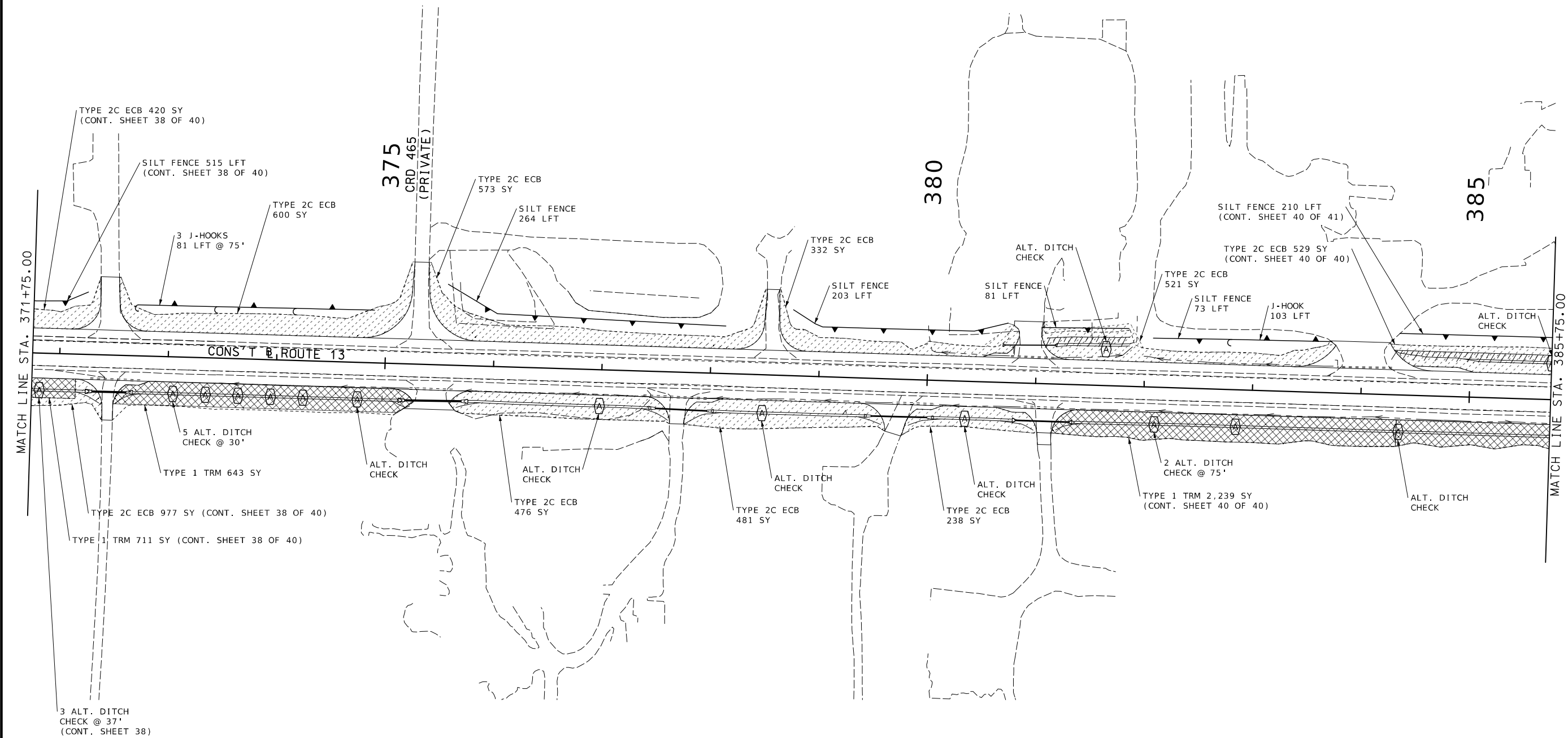

 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102

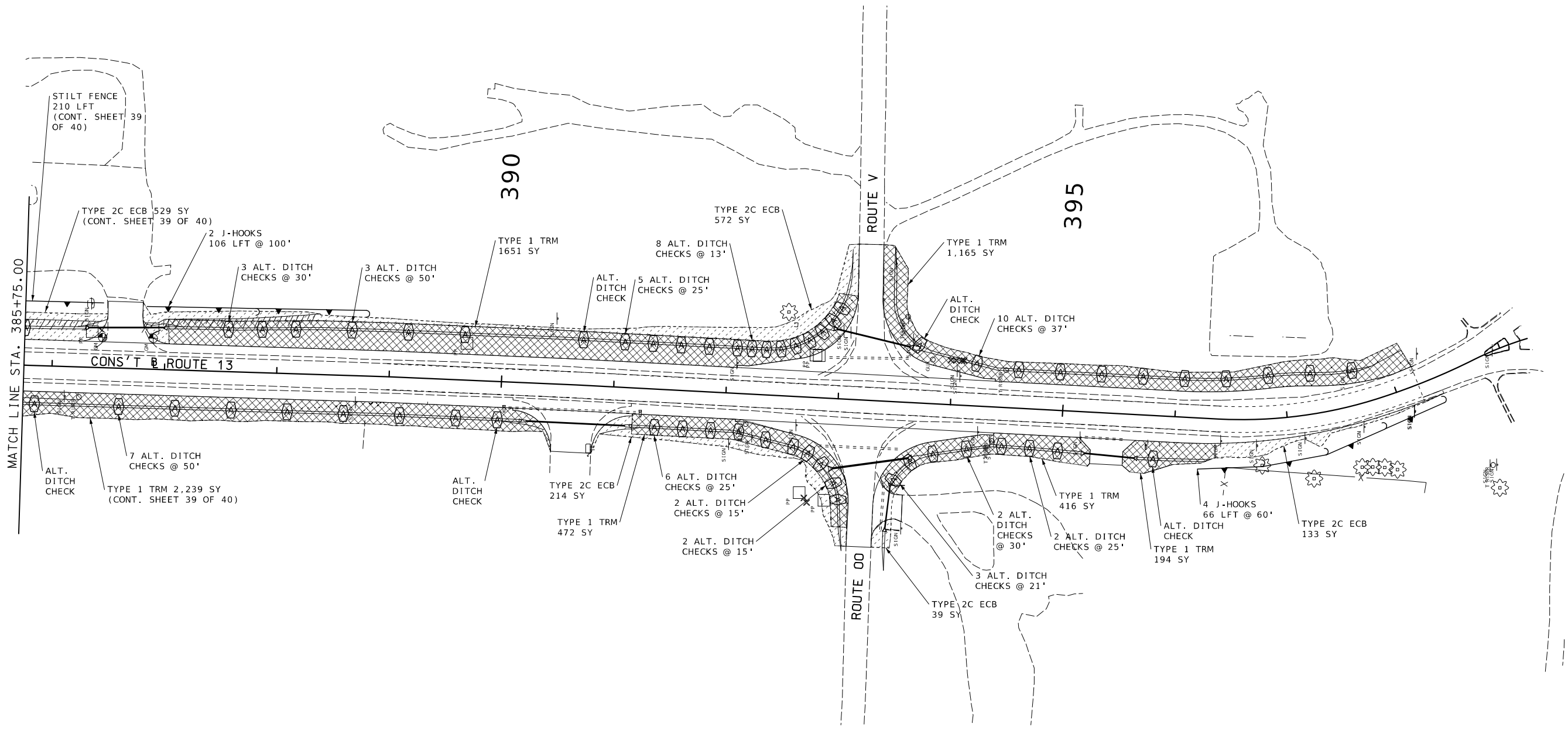




105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

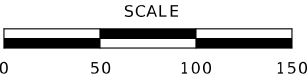
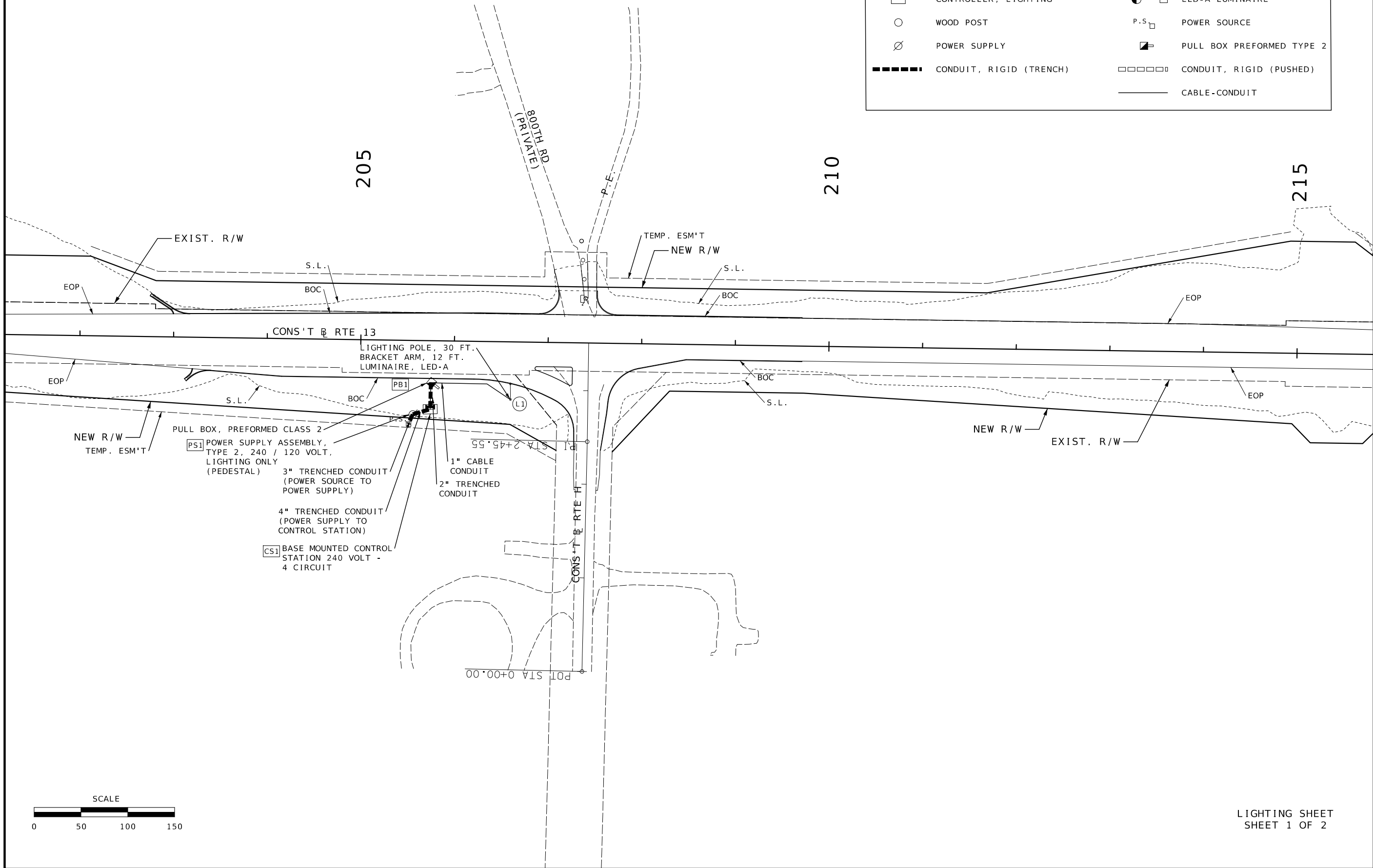




[illegible]



LIGHTING LEGEND			
	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	WOOD POST		POWER SOURCE
	POWER SUPPLY		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
			CABLE-CONDUIT



LIGHTING SHEET
SHEET 1 OF 2

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
Jodie Lynn Puhr
09/03/2025 11:18:29 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
258

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

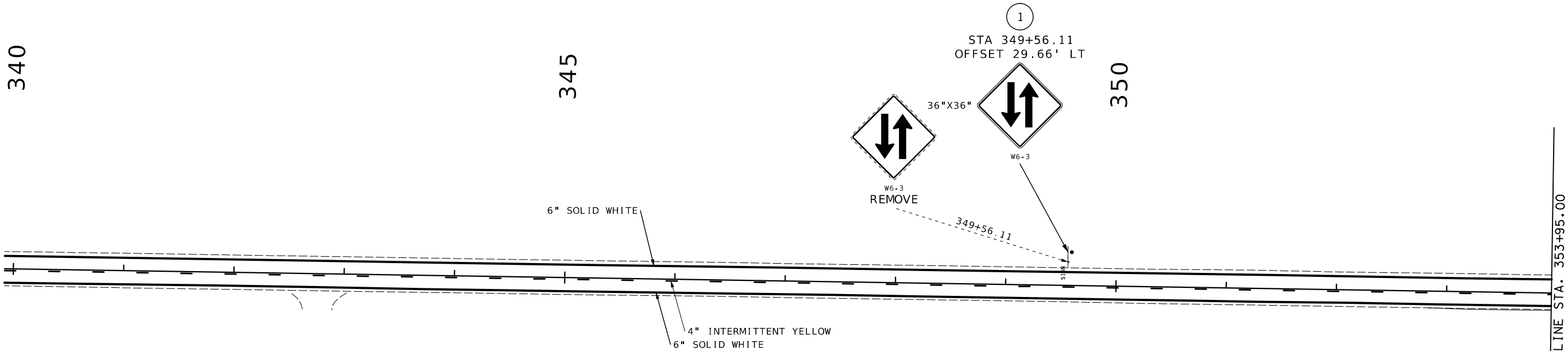
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

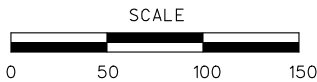
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



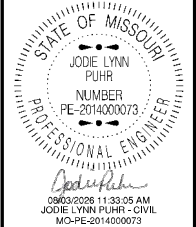
NOTES:
(1) PAVEMENT MARKING STARTS AT SB LOG MI. 98.361.
(2) PAVEMENT MARKING SHOWN BASED ON ROUTE 13 CONSTRUCTION BASELINE STATIONING.



MATCHLINE STA. 353+95.00



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 1 OF 66

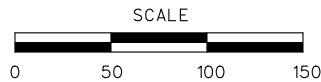
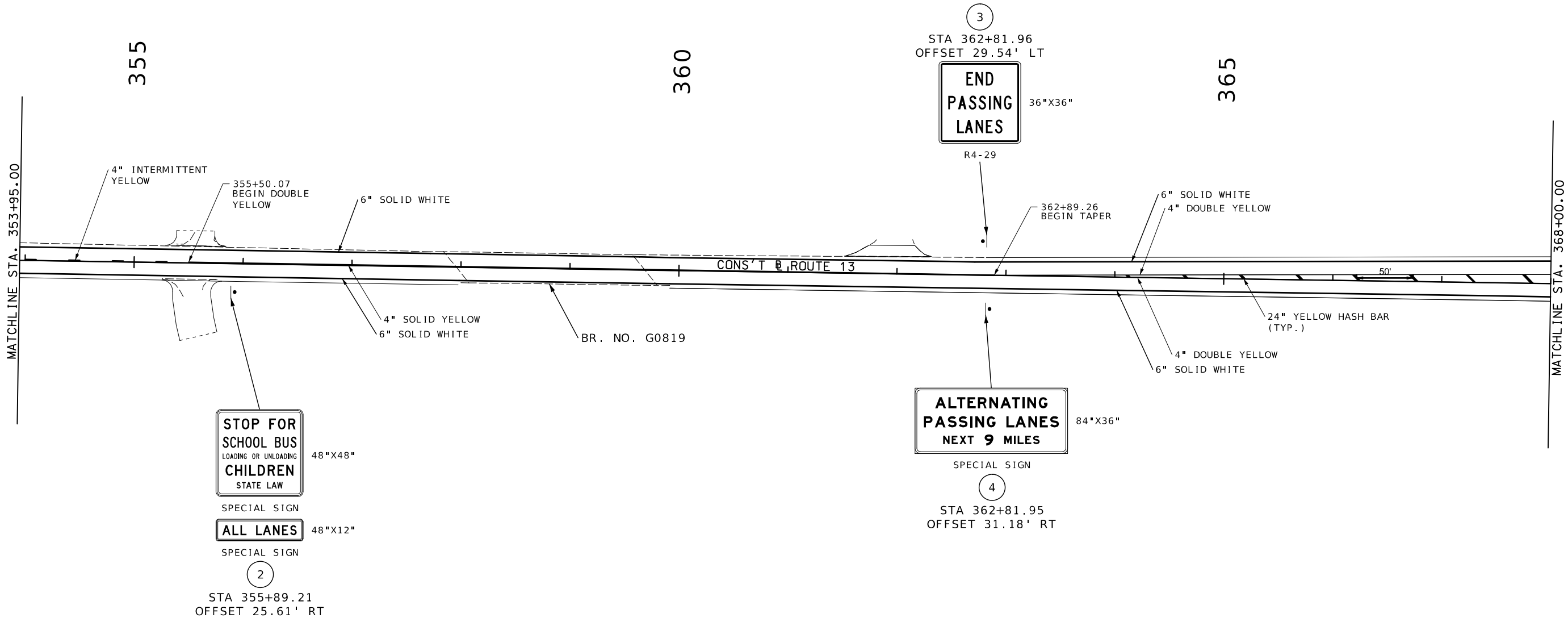
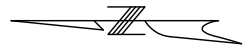


DATE PREPARED 8/1/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 260
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

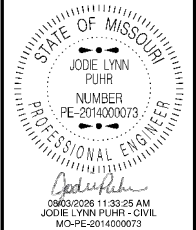
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 2 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 261
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



MATCHLINE STA. 368+00.00

370

375

380

6" SOLID WHITE
4" DOUBLE YELLOW

372+41.97
END TAPER

4" DOUBLE YELLOW

24" YELLOW
HASH BAR
(TYP.)

4" DOUBLE YELLOW
6" SOLID WHITE

373+65.59

4" INTERMITTENT
WHITE

4" DOUBLE YELLOW

CONS'T. @ ROUTE 13

12'-08"

12'

12'

4'

373+77.64

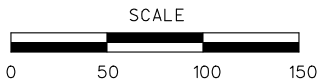
SPEED
LIMIT
60

R2-1
RELOCATE

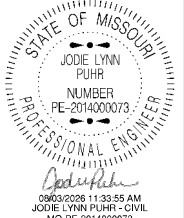
5

STA 377+12.08
OFFSET 29.54' RT

MATCHLINE STA. 382+00.00



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 3 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 262
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

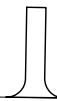
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



MATCHLINE STA. 382+00.00



CONS'T. BY ROUTE 13

6" SOLID WHITE
4" DOUBLE YELLOW

4" DOUBLE YELLOW
6" INTERMITTENT
WHITE
6" SOLID WHITE

12'
4'
12'
12'

WATCH FOR
LEFT-TURNING
TRAFFIC IN
PASSING LANE

72"x48"

W6-17

6

STA 383+26.00
OFFSET 31.04' RT

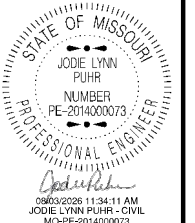
385

390

MATCHLINE STA. 394+00.00



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 4 OF 66



DATE PREPARED
7/31/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 263

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

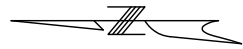
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



MATCHLINE STA. 394+00.00

7
STA 395+36.37
OFFSET 45.58' LT



R1-1
RELOCATE

395

395+45.58
BORLAND RD

400

405

6" SOLID WHITE
4" DOUBLE YELLOW

12'

4'

CONST. R. ROUTE 13

12'

12'

4" DOUBLE YELLOW
6" INTERMITTENT
WHITE
6" SOLID WHITE

MATCHLINE STA. 408+00.00

HWY 13
BORLAND RD

RELOCATE

8
STA 395+28.26
OFFSET 32.31' RT

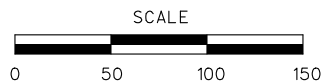
BORLAND RD



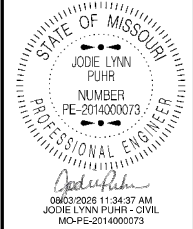
R1-1
RELOCATE
9
STA 396+03.13
OFFSET 26.98' RT

395+41.04

395+80.91



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 5 OF 66



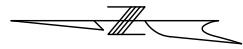
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 264
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



MATCHLINE STA. 408+00.00

410

415

420

MATCHLINE STA. 422+00.00

CONS'T B ROUTE 13

6" SOLID WHITE
4" DOUBLE YELLOW

4" DOUBLE YELLOW
6" INTERMITTENT WHITE
6" SOLID WHITE

12'
12'
4'
12'

10
STA 416+49.26
OFFSET 44.91' LT

36"X36"

W9-1L

1/4 MILES 30"X24"

W16-3P

12
STA 420+49.23
OFFSET 45.61' LT

36"X36"

W4-2L

LEFT LANE ENDS 36"X36"

W9-1L

1/4 MILES 30"X24"

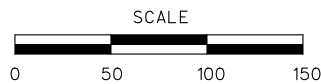
W16-3P

11
STA 416+49.26
OFFSET 29.71' RT

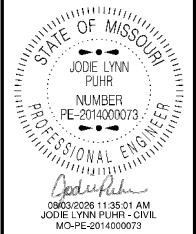
36"X36"

W4-2L

13
STA 420+49.23
OFFSET 45.56' RT



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 6 OF 66



DATE PREPARED
7/31/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 265

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



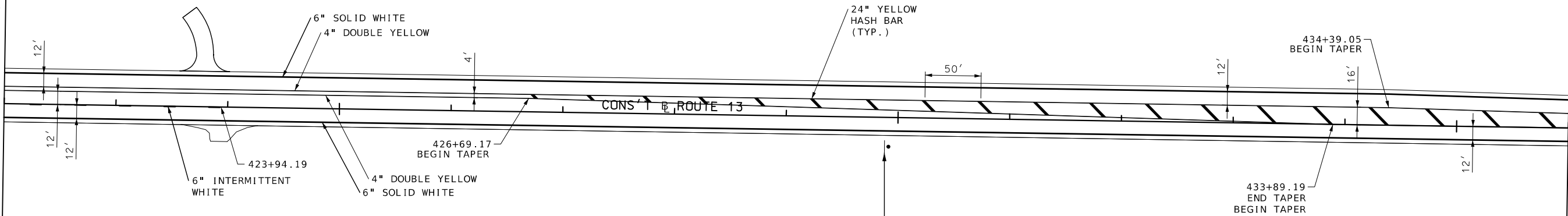
MATCHLINE STA. 422+00.00

425

430

435

MATCHLINE STA. 436+00.00



48"X48"

SPECIAL SIGN

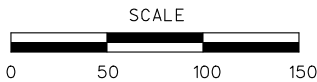


48"X12"

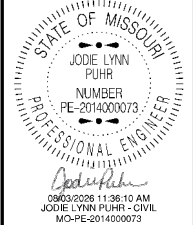
SPECIAL SIGN

14

STA 429+88.33
OFFSET 30.00' RT



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 7 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 266
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	

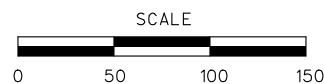
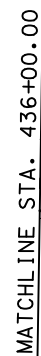
PROJECT NO.
BRIDGE NO.

DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



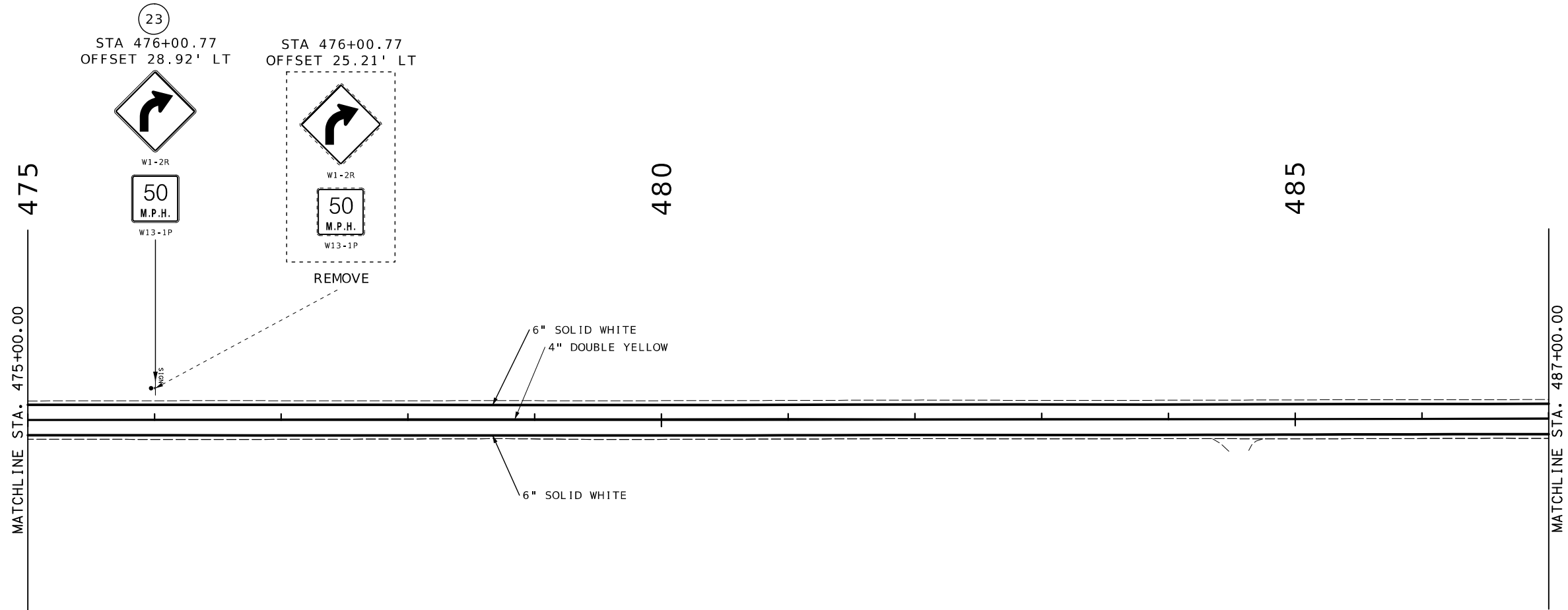
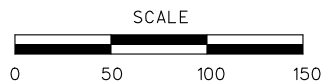
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 8 OF 66

[illegible]





STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/03/2026 7:06:50 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
8/3/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
270

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.
####

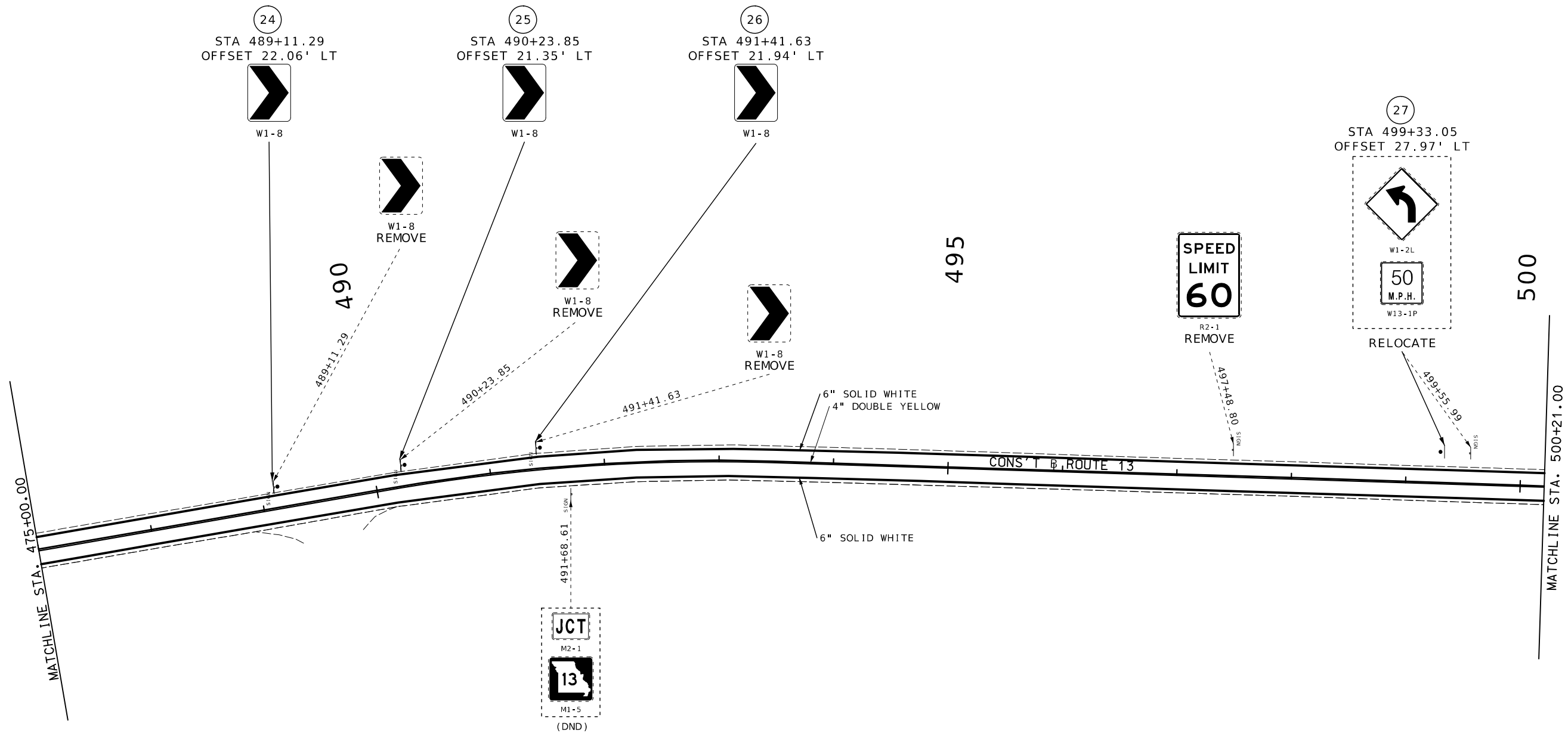
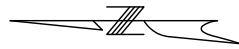
PROJECT NO.
####

BRIDGE NO.
####

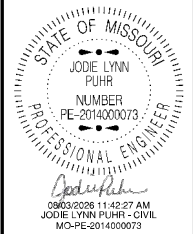
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 12 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 271
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

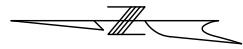
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

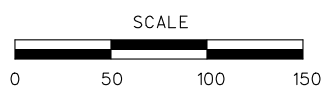
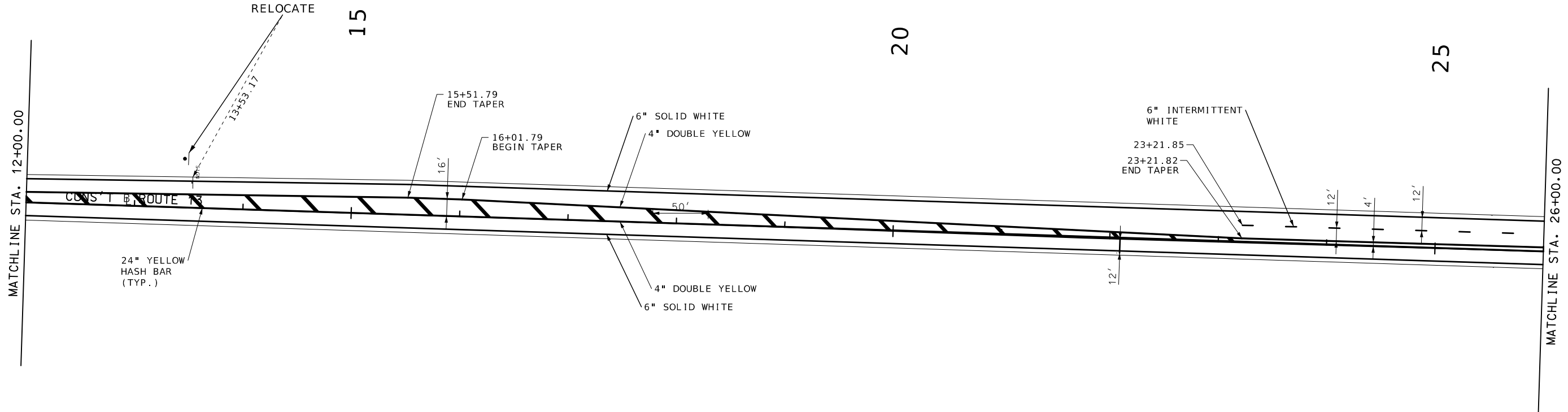


(37)
STA 13+48.67
OFFSET 45.04' LT

W2-7R

45
M.P.H.
W13-1P

RELOCATE



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 14 OF 66

STATE OF MISSOURI
JODIE LYNN
PLHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER

Jodie Lynn
09/03/2026 11:43:38 AM
JODIE LYNN PLHR - CIVIL
MO-PE-2014000073

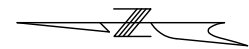
DATE PREPARED
7/31/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 273
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



38
STA 26+25.05
OFFSET 44.31' LT
NE 1150 JC



R1-1
RELOCATE

MATCHLINE STA. 26+00.00

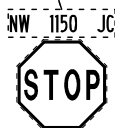
CRD 1150
26+36.60

CONST B, ROUTE 13

30

6" SOLID WHITE
6" INTERMITTENT
WHITE
4" DOUBLE YELLOW

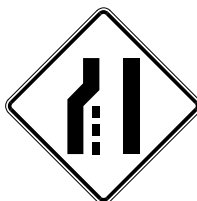
4" DOUBLE YELLOW
6" SOLID WHITE



R1-1
RELOCATE

39
STA 26+79.06
OFFSET 27.82' RT

41
STA 34+21.81
OFFSET 45.36' LT



W4-2L

36"X36"

35

43
STA 38+21.81
OFFSET 45.40' LT



W9-1L

36"X36"



W16-3P

30"X24"

40

MATCHLINE STA. 40+00.00



48"X48"

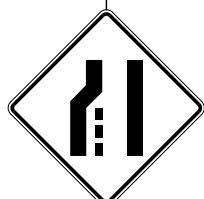
SPECIAL SIGN



48"X12"

SPECIAL SIGN

40
STA 33+88.19
OFFSET 25.94' RT



W4-2L

36"X36"

42

STA 34+21.81
OFFSET 29.37' RT



W9-1L

36"X36"



W16-3P

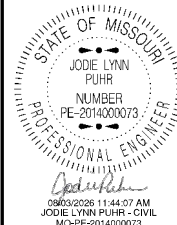
30"X24"

44

STA 38+21.81
OFFSET 25.55' RT



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 15 OF 66



DATE PREPARED
7/31/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 274

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

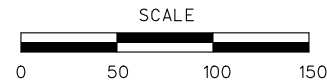
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



MATCHLINE STA. 40+00.00



CONST. R. ROUTE 13

6" SOLID WHITE
4" DOUBLE YELLOW
6" SOLID WHITE
4" DOUBLE YELLOW

6" INTERMITTENT WHITE

45

45
STA 48+20.16
OFFSET 47.03' LT

WATCH FOR
LEFT-TURNING
TRAFFIC IN
PASSING LANE

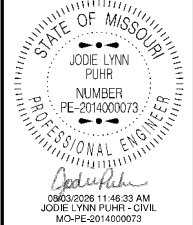
72"X48"

W6-17

50

MATCHLINE STA. 54+00.00

PAVEMENT MARKING
AND SIGNING SHEET
SHEET 16 OF 66



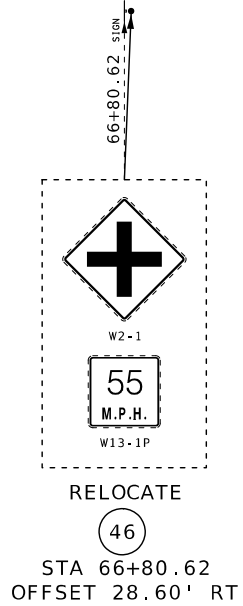
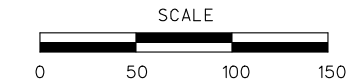
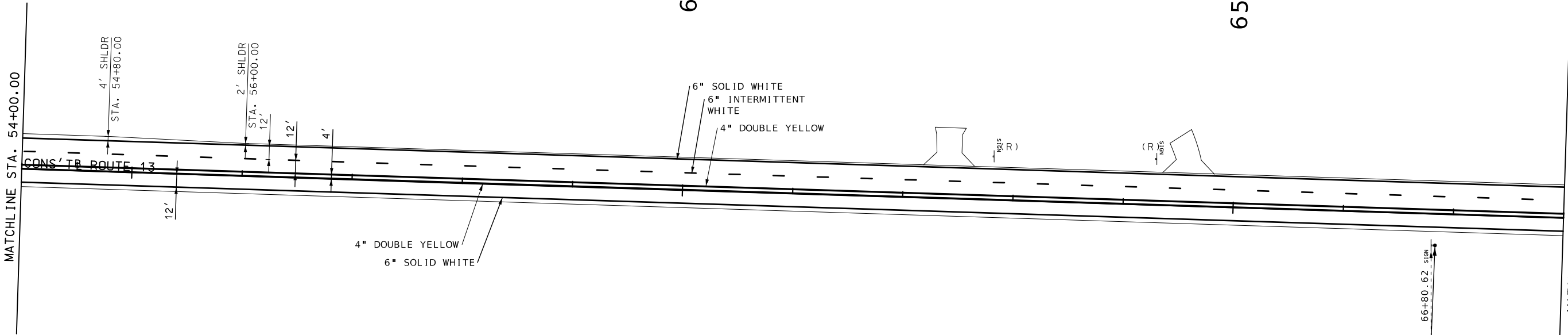
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 275
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

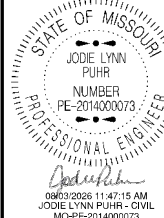
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 17 OF 66



DATE PREPARED
7/31/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 276

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

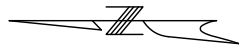
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



MATCHLINE STA. 68+00.00

70

75

80

MATCHLINE STA. 82+00.00

(47)
STA 71+72.08
OFFSET 45.54' LT
**STOP FOR
SCHOOL BUS
LOADING OR UNLOADING
CHILDREN
STATE LAW** 48"X48"
SPECIAL SIGN
ALL LANES 48"X12"
SPECIAL SIGN

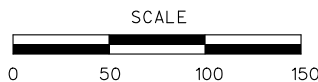
(48)
STA 79+03.52
OFFSET 41.70' LT
NE 950 JC
STOP
R1-1
RELOCATE

(51)
STA 80+49.39
OFFSET 42.43' LT
**KEEP
RIGHT
EXCEPT
TO PASS** 36"X48"
R4-16

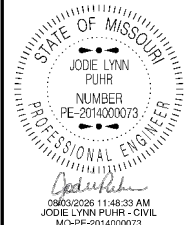
CRD 1050
CRD 1050

NW 1000 JC
STOP
R1-1
RELOCATE
(49)
STA 79+61.77
OFFSET 30.12' RT

(50)
STA 80+19.06
OFFSET 28.96' RT
RELOCATE
OM3-R



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 18 OF 66

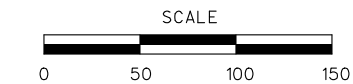
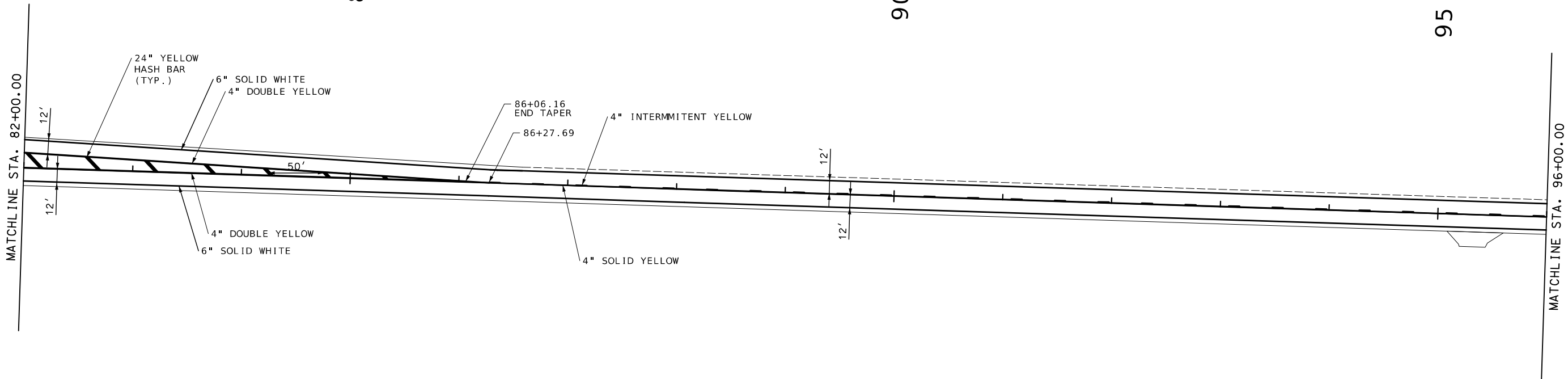


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 277
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

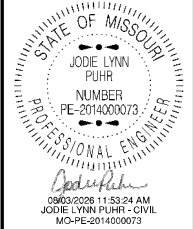
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 19 OF 66



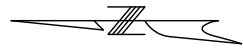
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 278
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



MATCHLINE STA. 96+00.00

6" SOLID WHITE
4" INTERMITTENT YELLOW

4" SOLID YELLOW
6" SOLID WHITE

CONST. ROUTE 13

100

105

CRD 1000
106+65.46

NW 1000 JC



R1-1

RELOCATE

52

STA 106+69.89
OFFSET 31.92' RT

0+00.00
0+00.00
BEGIN TAPER

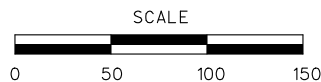
4" DOUBLE YELLOW

24" YELLOW
HASH BAR
(TYP.)
4" DOUBLE YELLOW

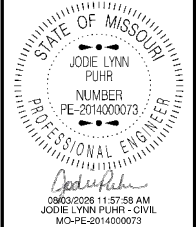
50'

MATCHLINE STA. 110+00.00

110



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 20 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 279
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



MATCHLINE STA. 110+00.00

53
STA 113+55.70
OFFSET 40.00' LT



W2-2
RELOCATE

113+55.70

115

120

24" YELLOW
HASH BAR
(TYP.)

4" DOUBLE YELLOW

4" DOUBLE YELLOW

116+81.18
END TAPER
116+57.95

118+40.64

CONS'T B, ROUTE 13

6" INTERMITTENT
WHITE
6" SOLID WHITE

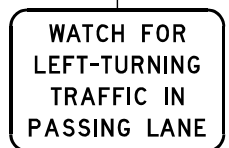
6" SOLID WHITE
4" DOUBLE YELLOW
4" DOUBLE YELLOW

MATCHLINE STA. 124+00.00



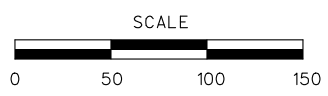
36"X48"

R4-16
54
STA 118+43.85
OFFSET 23.04' RT

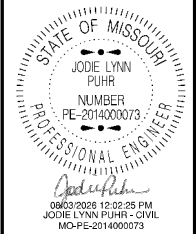


72"X48"

W6-17
55
STA 122+66.58
OFFSET 31.09' RT



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 21 OF 66

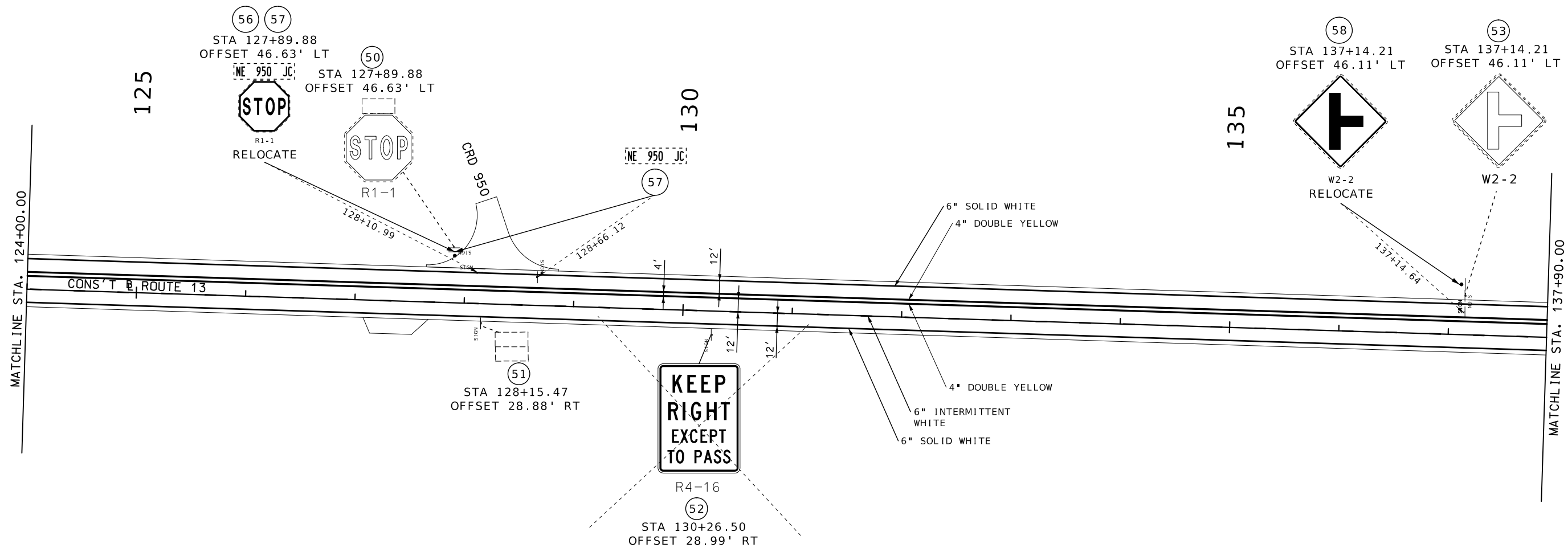


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 280
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 22 OF 66

[illegible]



DATE: 09/03/2026 12:10:11 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
282

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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DATE: 09/03/2026 12:10:11 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
282

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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DATE: 09/03/2026 12:10:11 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
282

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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DATE: 09/03/2026 12:10:11 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
282

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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DATE: 09/03/2026 12:10:11 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
282

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
282

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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MATCHLINE STA. 151+90.00

CONS'T E ROUTE 13

155

160

165

MATCHLINE STA. 165+90.00

6" SOLID WHITE
4" DOUBLE YELLOW

6" INTERMITTENT
WHITE
4" DOUBLE YELLOW
6" SOLID WHITE

4'

12'

12'

12'

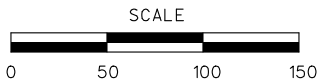
162+36.90
162+53.35
BEGIN TAPER

162+65.50

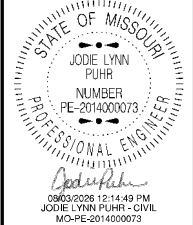
4" DOUBLE YELLOW
24" YELLOW
HASH BAR
(TYP.)

50'

4" DOUBLE YELLOW



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 24 OF 66

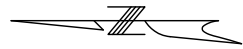


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 283
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



MATCHLINE STA. 165+90.00

62

NW 875 JC

24" YELLOW
HASH BAR
(TYP.)

167+38.48

CRD 875

167+38.48

NW 875 JC



R1-1
RELOCATE

62 63

STA 167+64.74
OFFSET 30.08' RT

168+66.86

170+23.35
BEGIN TAPER

170

6" SOLID WHITE
4" DOUBLE YELLOW

4" DOUBLE YELLOW
6" SOLID WHITE

169+73.34

12'

12'

50'

175

65
STA 176+08.13
OFFSET 29.43' LT

STOP FOR
SCHOOL BUS
LOADING OR UNLOADING
CHILDREN
STATE LAW

SPECIAL SIGN

ALL LANES

SPECIAL SIGN

48"X48"

48"X12"

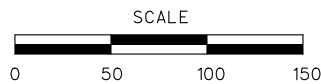
STA 174+83.41
END TAPER

4" DOUBLE YELLOW

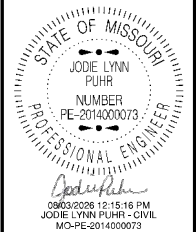
CONS'T TO ROUTE 13

MATCHLINE STA. 179+80.00

180



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 25 OF 66



DATE PREPARED
7/31/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 284

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



MATCHLINE STA. 179+80.00

180

185

190

MATCHLINE STA. 193+80.00

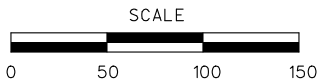
CONST B, ROUTE 13

6" SOLID WHITE
4" DOUBLE YELLOW

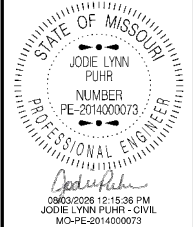
6" SOLID WHITE

12'

12'



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 26 OF 66



DATE PREPARED
7/31/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 285

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

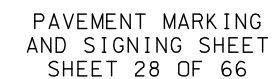
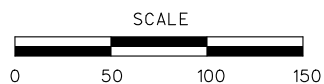
BRIDGE NO.

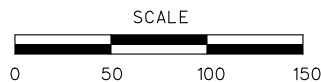
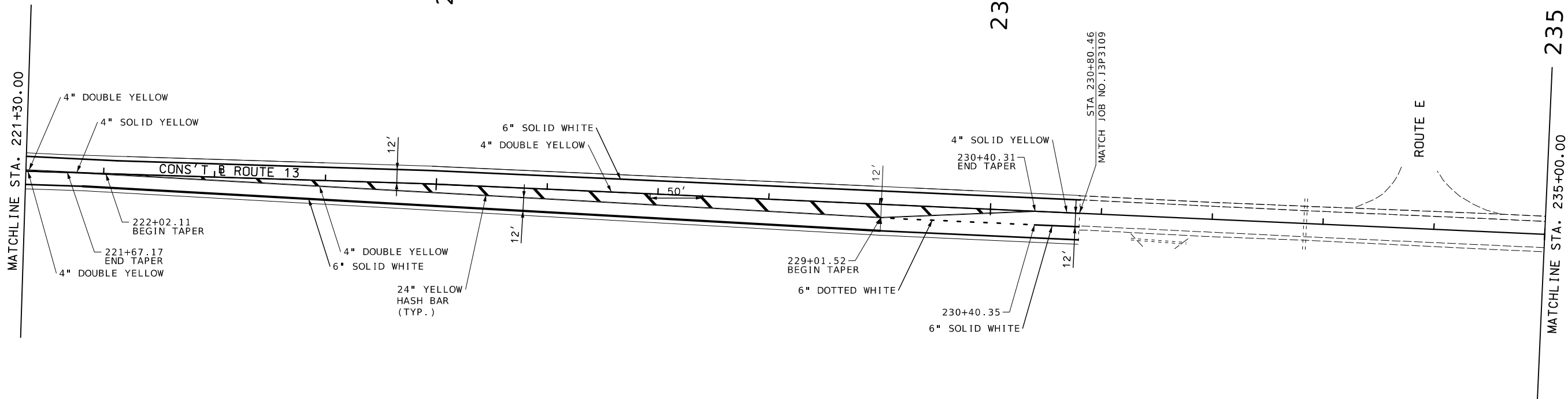
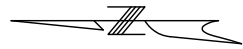
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



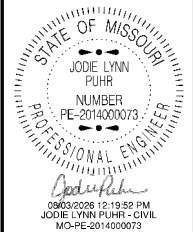
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)





STA. 230+80.46
JOB NO. J3P3109
(SEE JOB NO. J3P3109 FOR DETAILS)

PAVEMENT MARKING
AND SIGNING SHEET
SHEET 29 OF 66



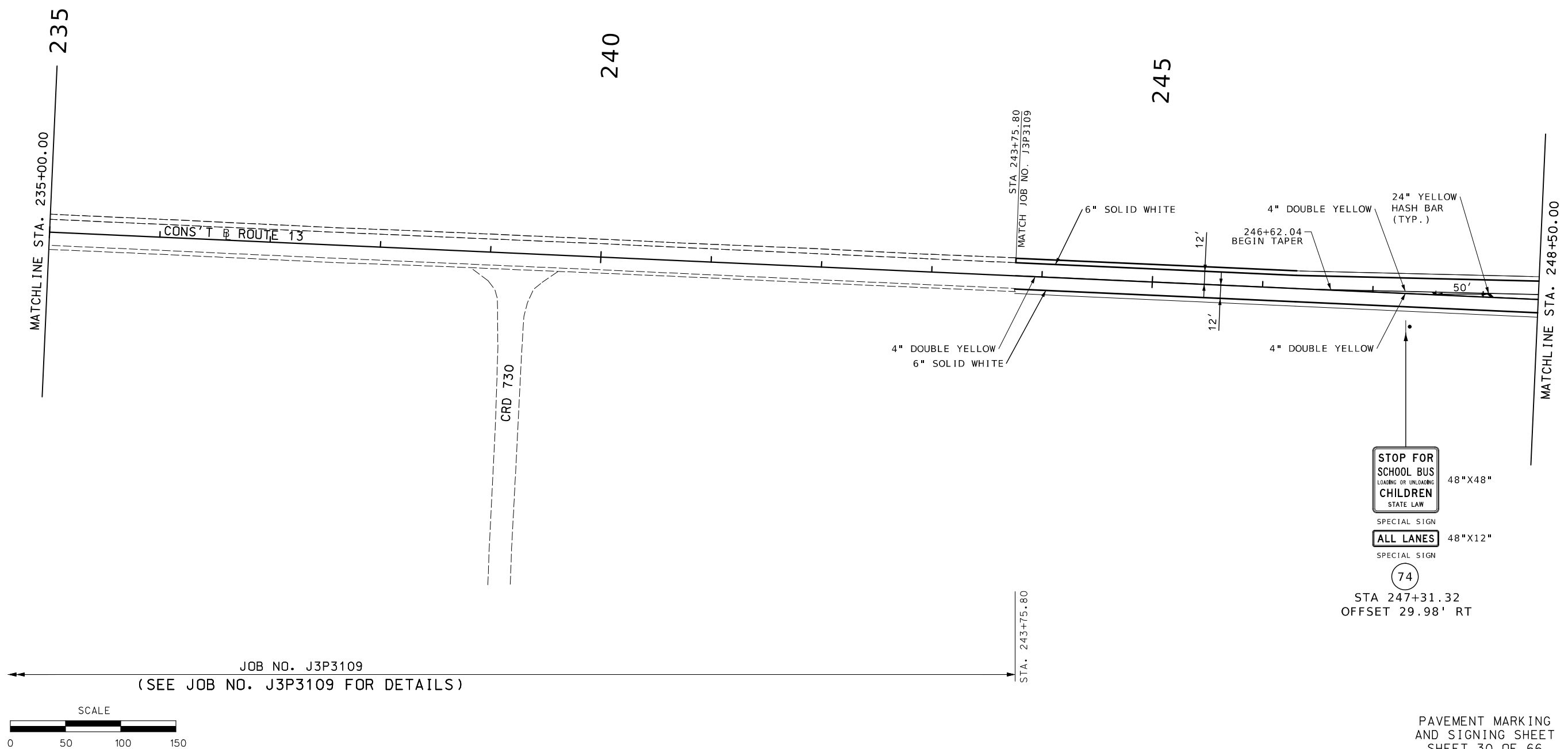
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 288
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

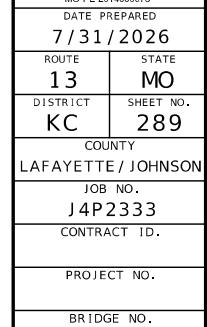
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



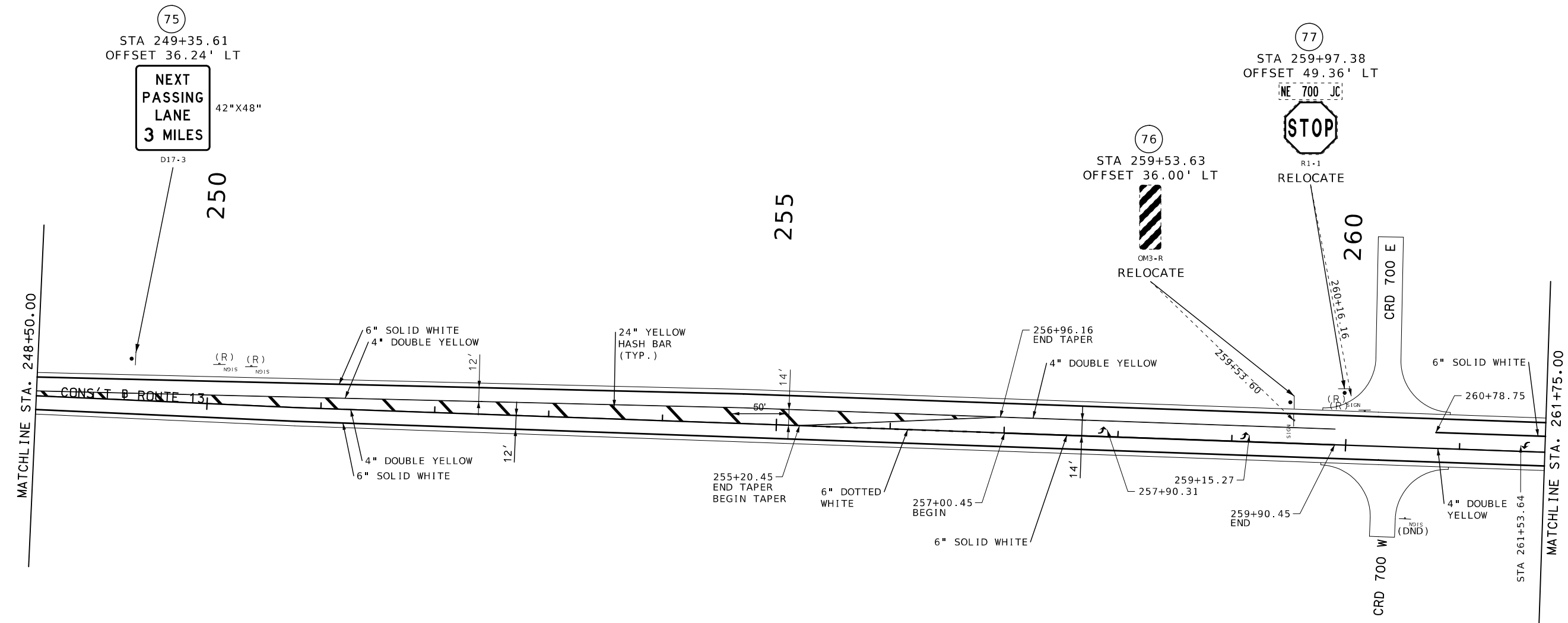
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



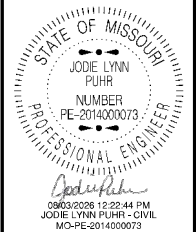
PAVEMENT MARKING
AND SIGNING SHEET
SHEET 30 OF 66

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 31 OF 66

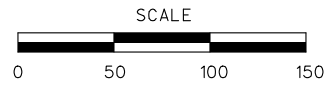
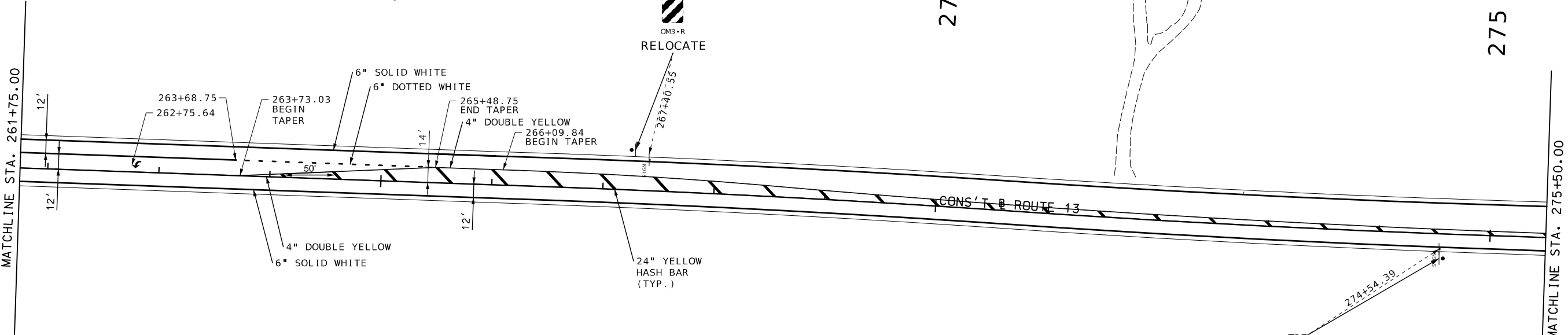
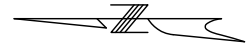


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 290
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

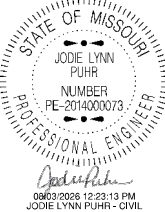
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 32 OF 66



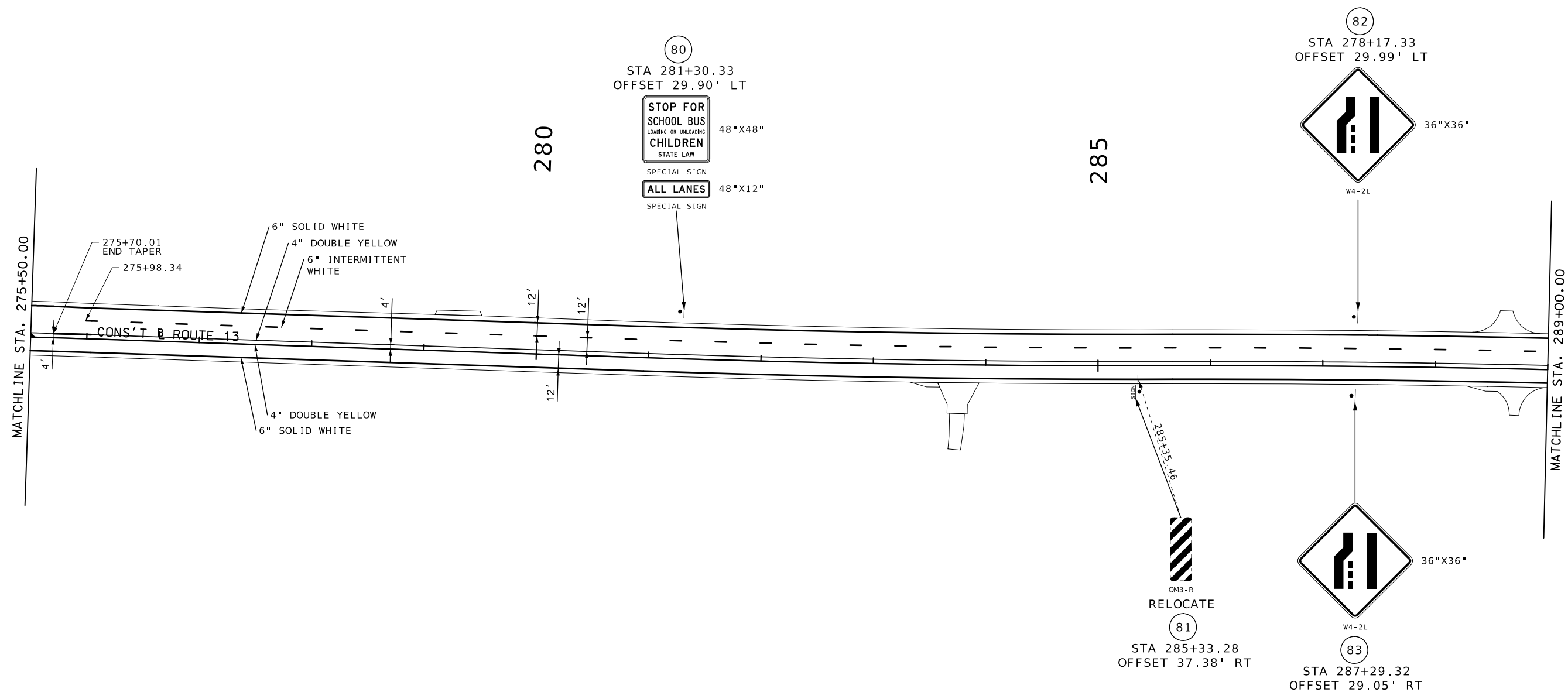
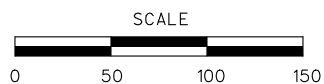
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 291
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

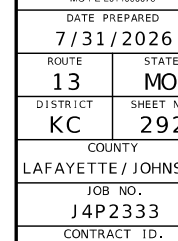
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 33 OF 66



PROJECT NO.
BRIDGE NO.

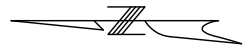
[illegible]

DATE



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102



MATCHLINE STA. 289+00.00

290

6" SOLID WHITE
6" INTERMITTENT WHITE
4" DOUBLE YELLOW

2.5 (R)

CONS'T. R. ROUTE 13

4" DOUBLE YELLOW
6" SOLID WHITE

84
STA 291+25.60
OFFSET 45.65' LT



W9-1L



W16-3P

295

86
STA 298+93.14
OFFSET 46.04' LT



W6-17

300

MATCHLINE STA. 302+50.00



W9-1L



W16-3P

85
STA 291+25.60
OFFSET 29.72' RT

CRD 625

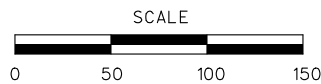
300+35.80

NW 625 JC

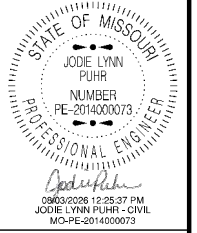


R1-1
RELOCATE

87
STA 300+52.13
OFFSET 29.81' RT



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 34 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 293
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

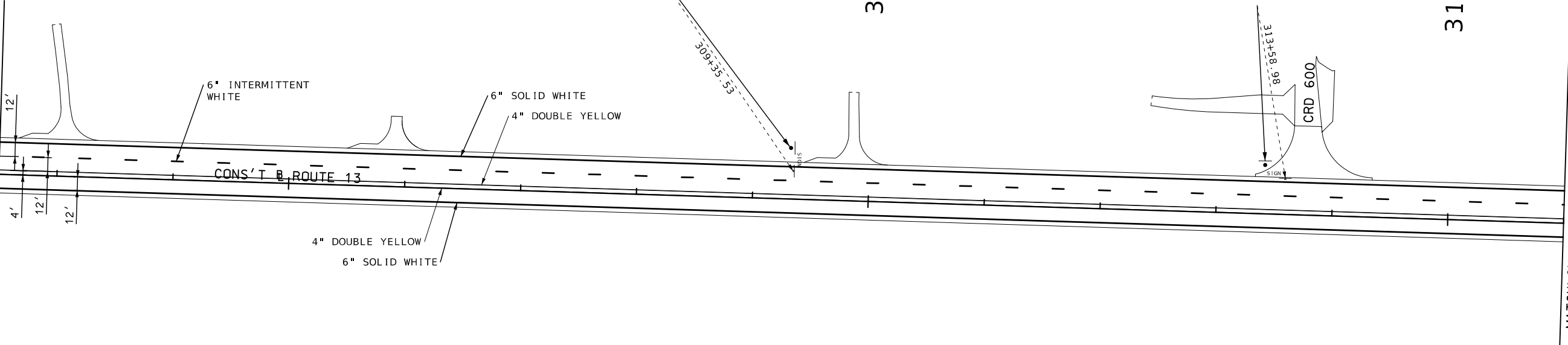
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



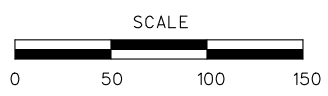
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



MATCHLINE STA. 302+50.00



MATCHLINE STA. 316+00.00



88
STA 309+35.53
OFFSET 44.22' LT
OM3-R
RELOCATE

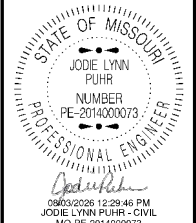
89
STA 313+40.29
OFFSET 51.01' LT
NE 600 JC
R1-1
RELOCATE

315

310

305

PAVEMENT MARKING
AND SIGNING SHEET
SHEET 35 OF 66



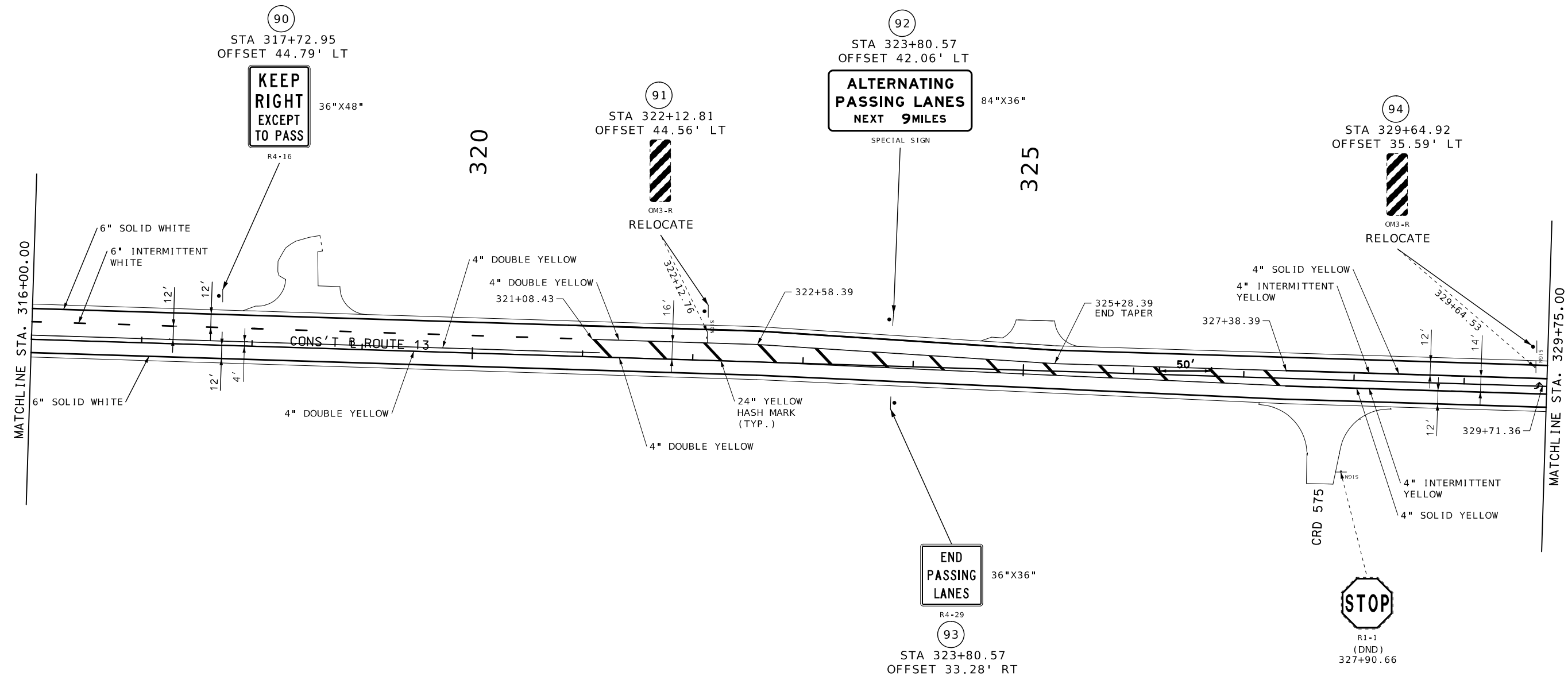
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 294
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

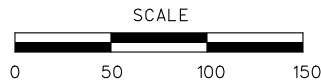
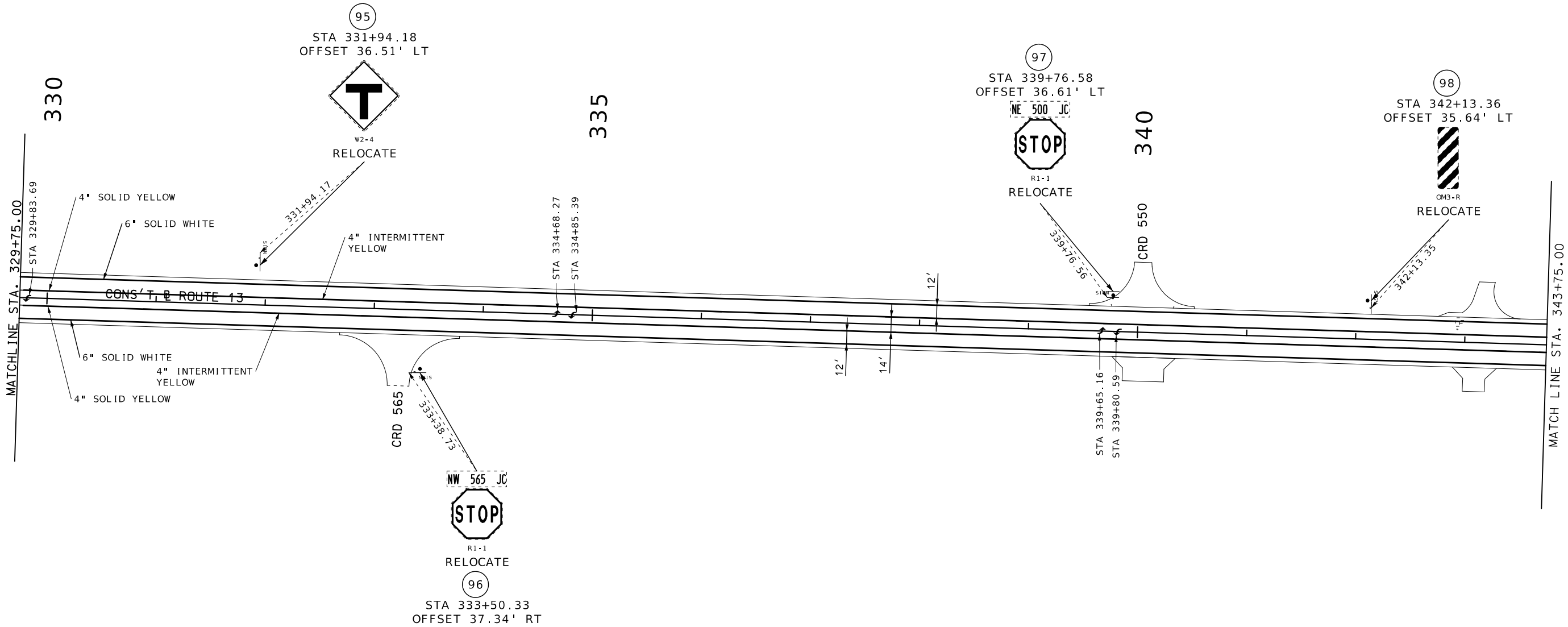
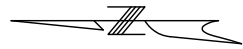


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

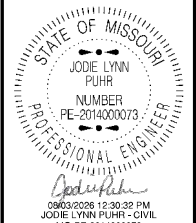


PAVEMENT MARKING
AND SIGNING SHEET
SHEET 36 OF 66

DATE PREPARED	
7/31/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	295
COUNTY	
LAFAYETTE / JOHNSON	
JOB NO.	
J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
105 WEST CAPITAL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6626)	



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 37 OF 66



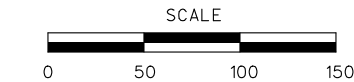
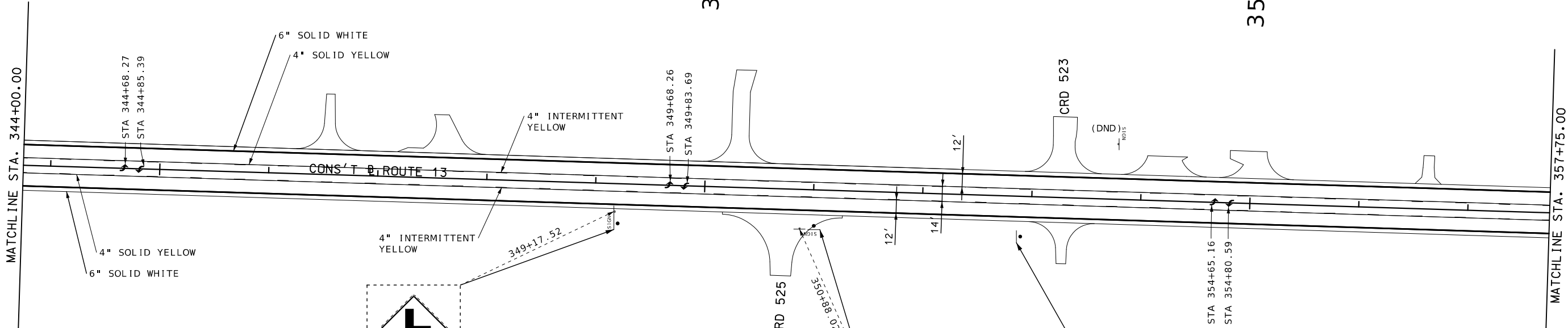
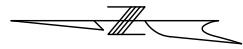
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 296
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

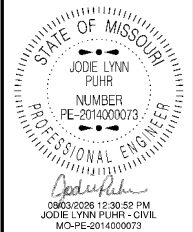
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 38 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 297
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	

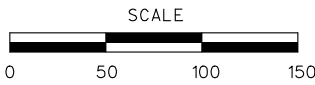
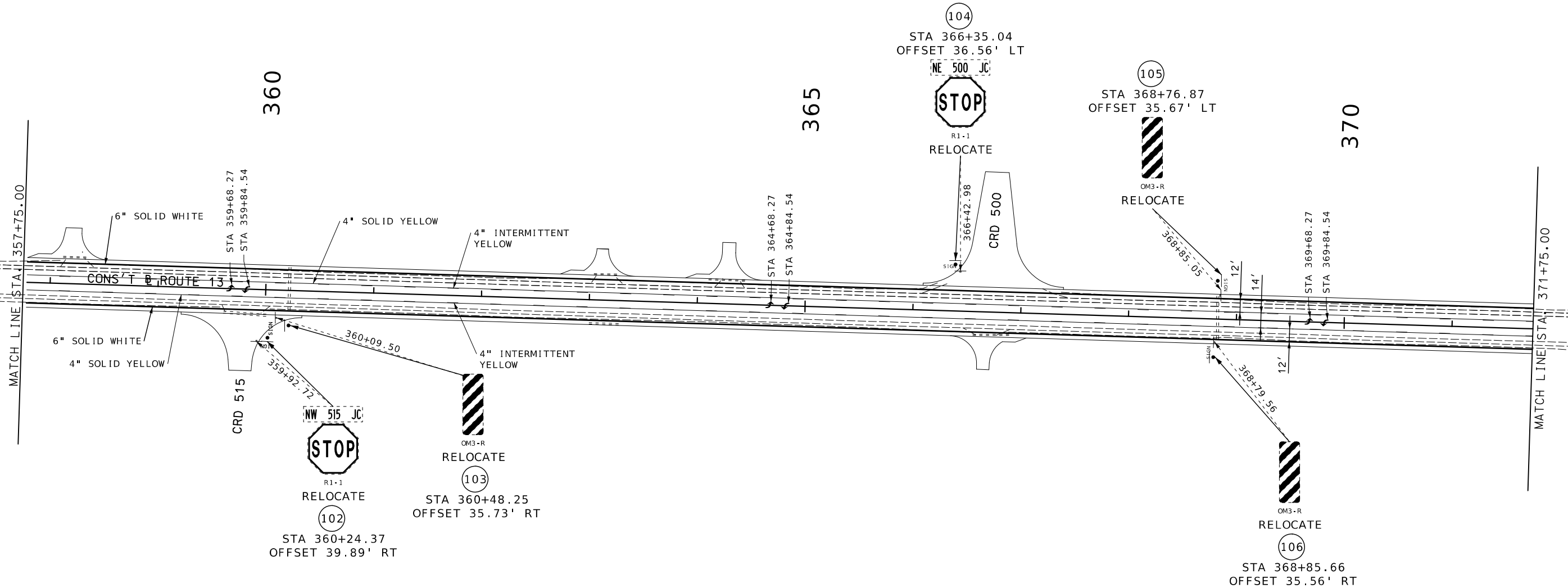
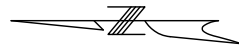
PROJECT NO.

BRIDGE NO.

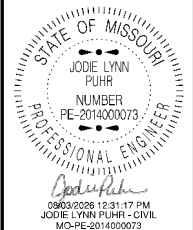
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 39 OF 66



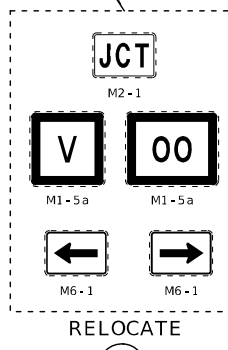
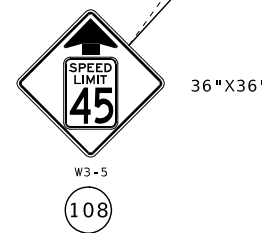
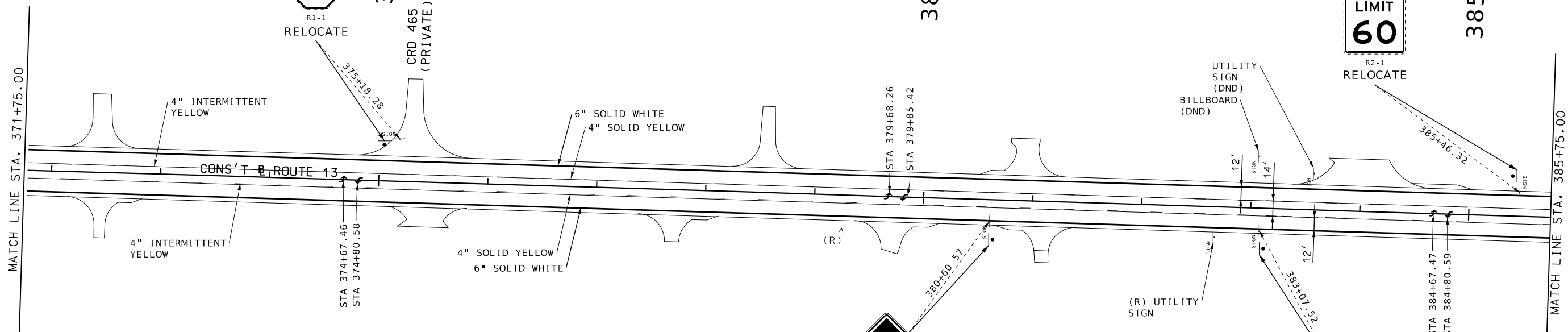
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 298
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J3P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

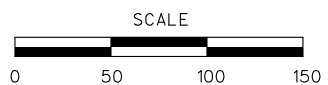
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

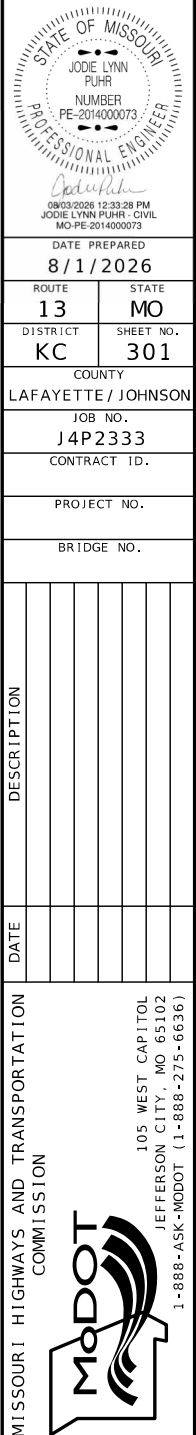
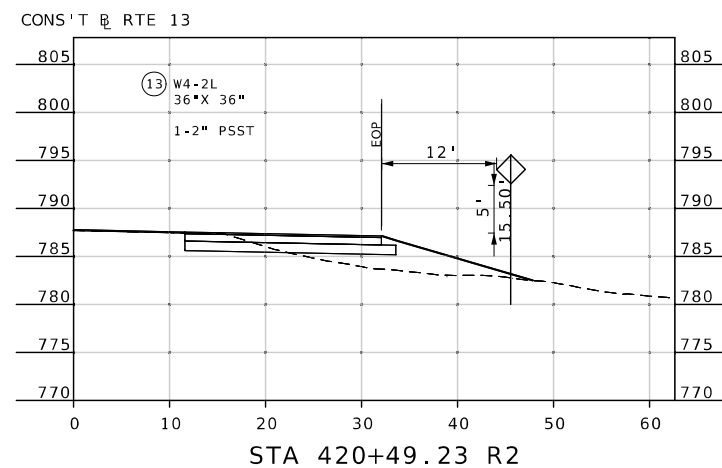
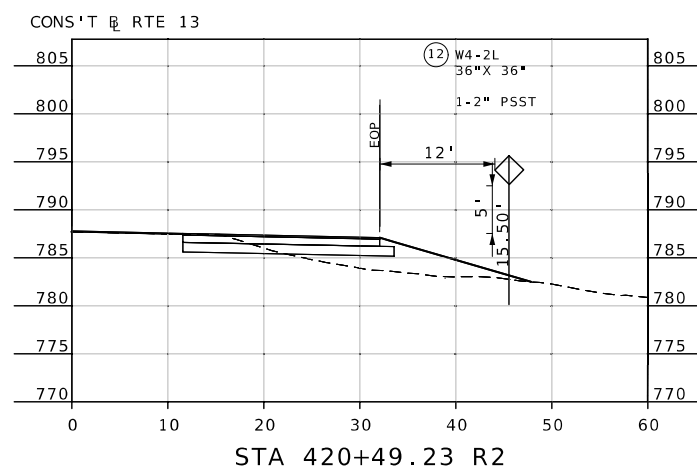
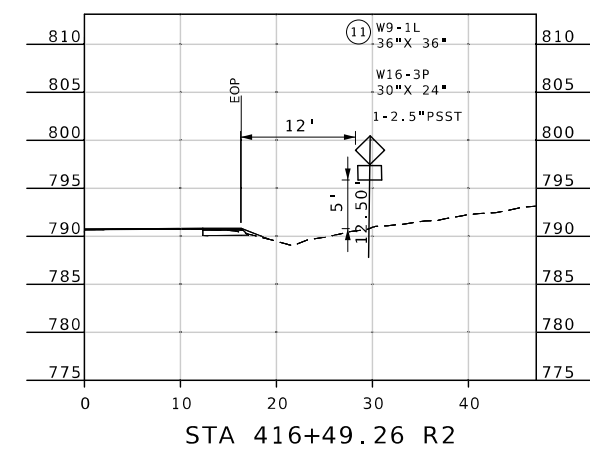
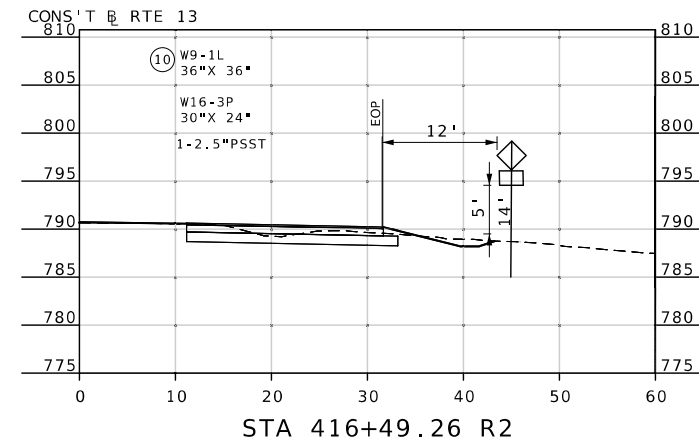
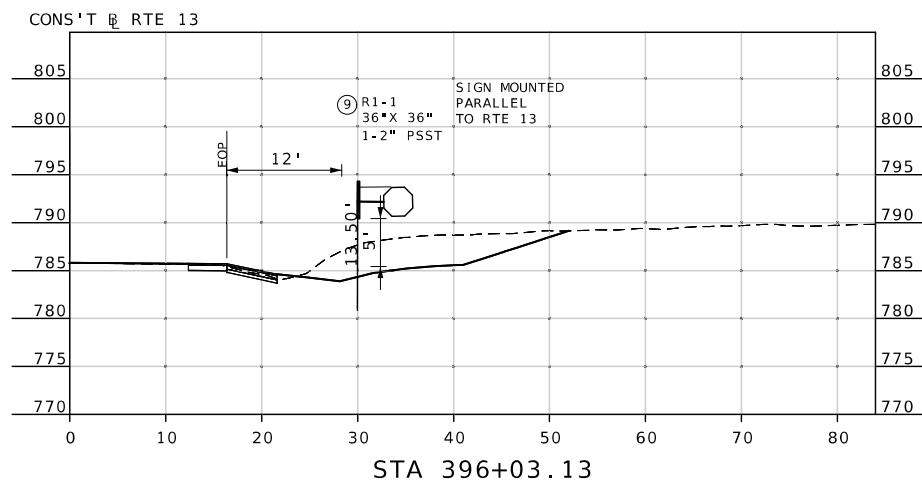
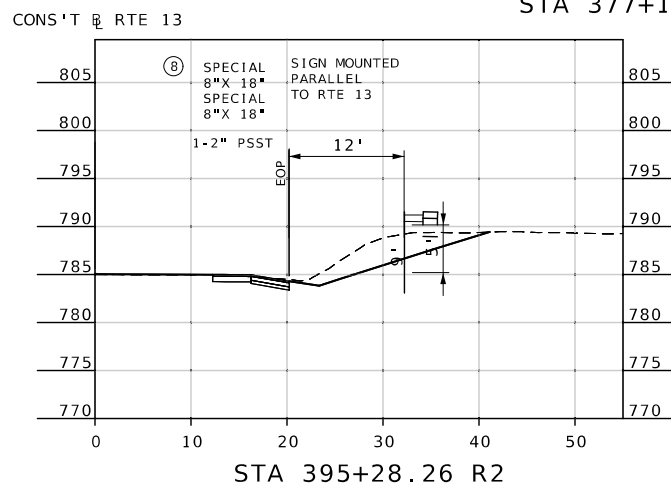
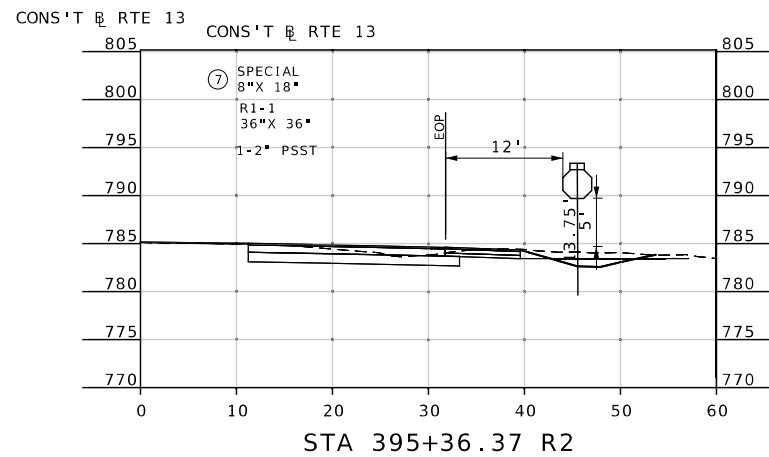
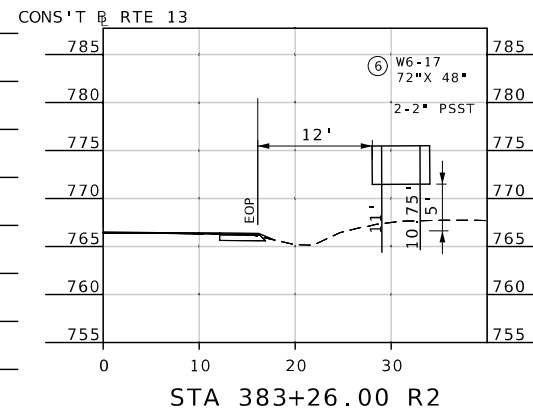
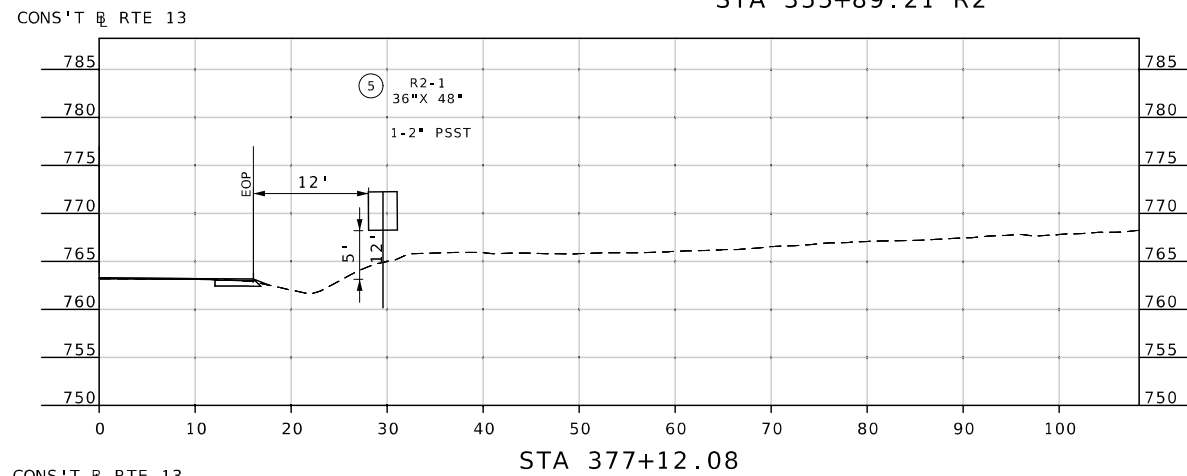
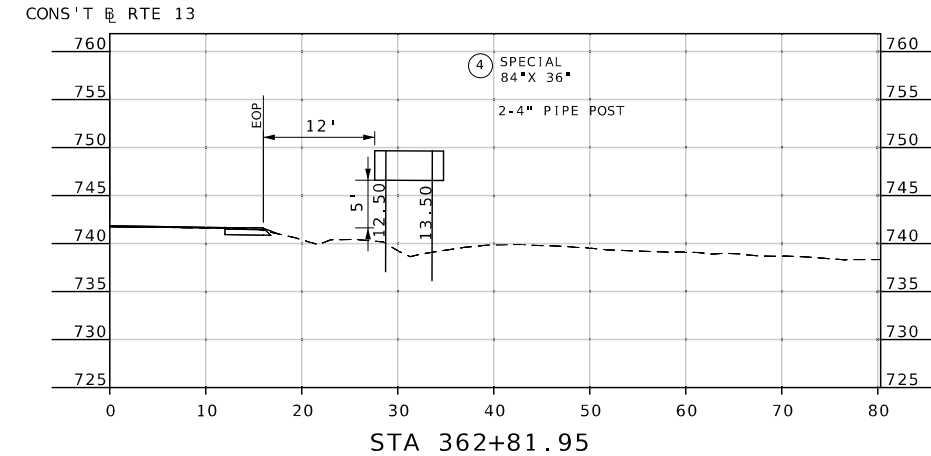
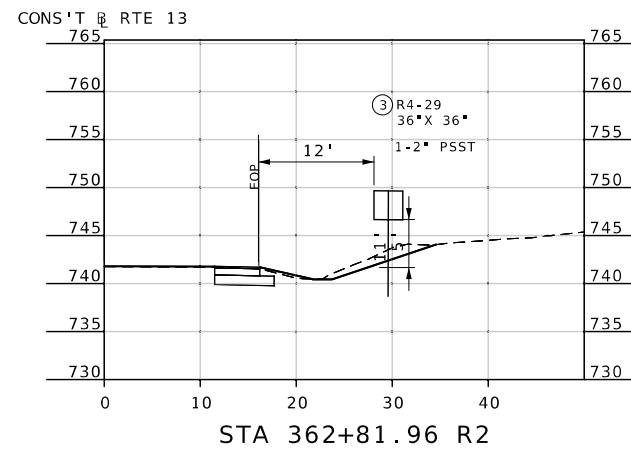
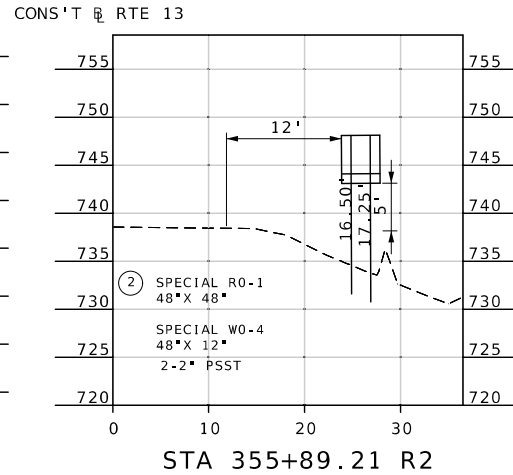
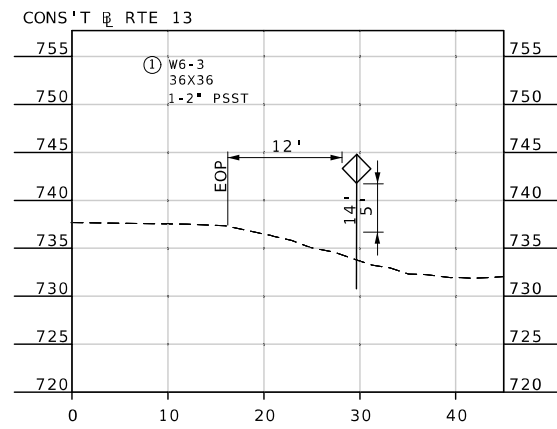


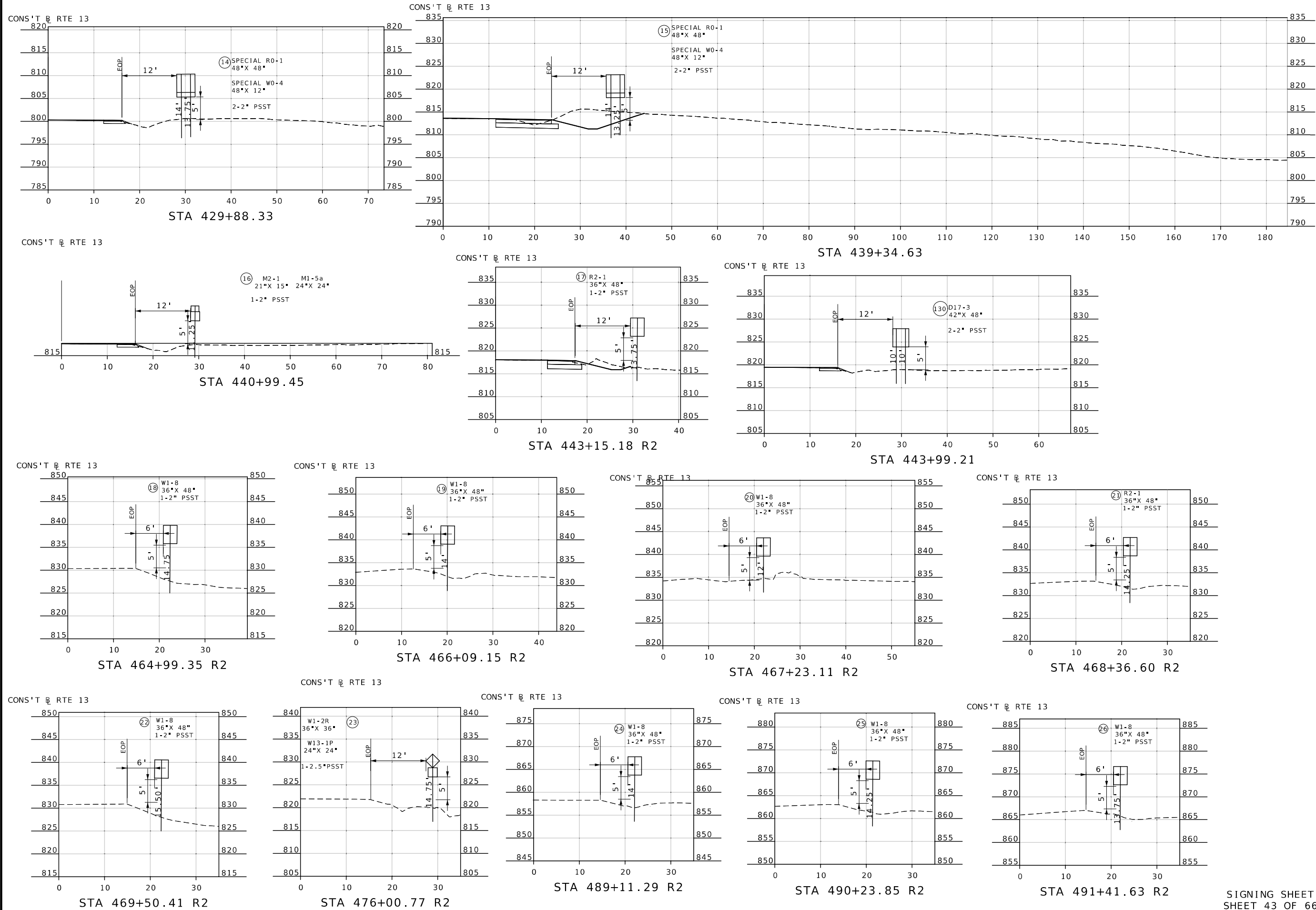
(109)
STA 383+07.85
OFFSET 37.08' B



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 40 OF 66

[illegible]





STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/03/2026 12:36:01 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
8/1/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
302

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

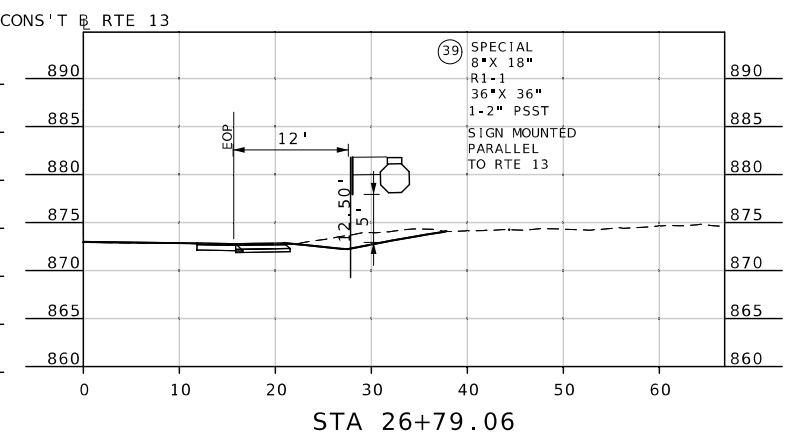
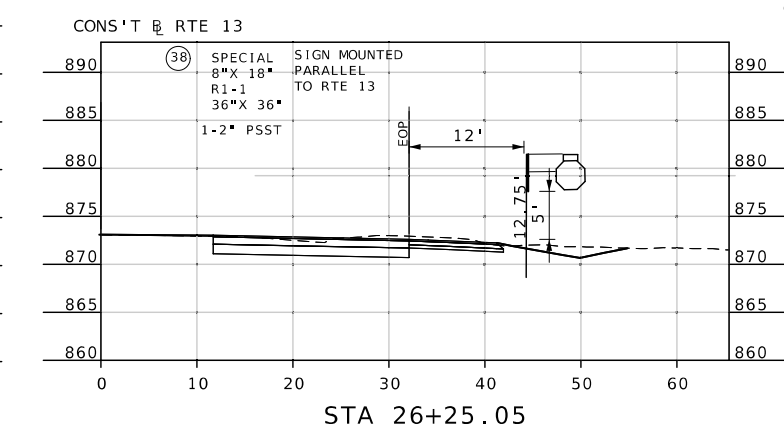
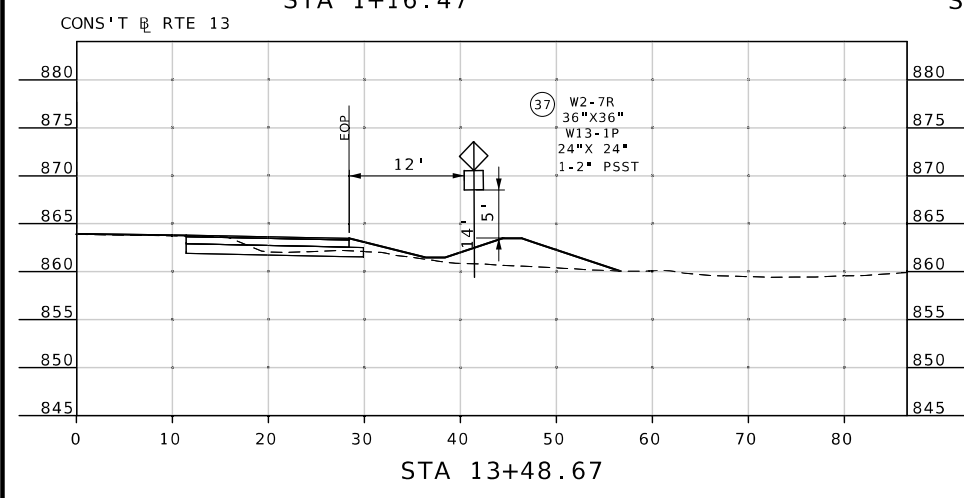
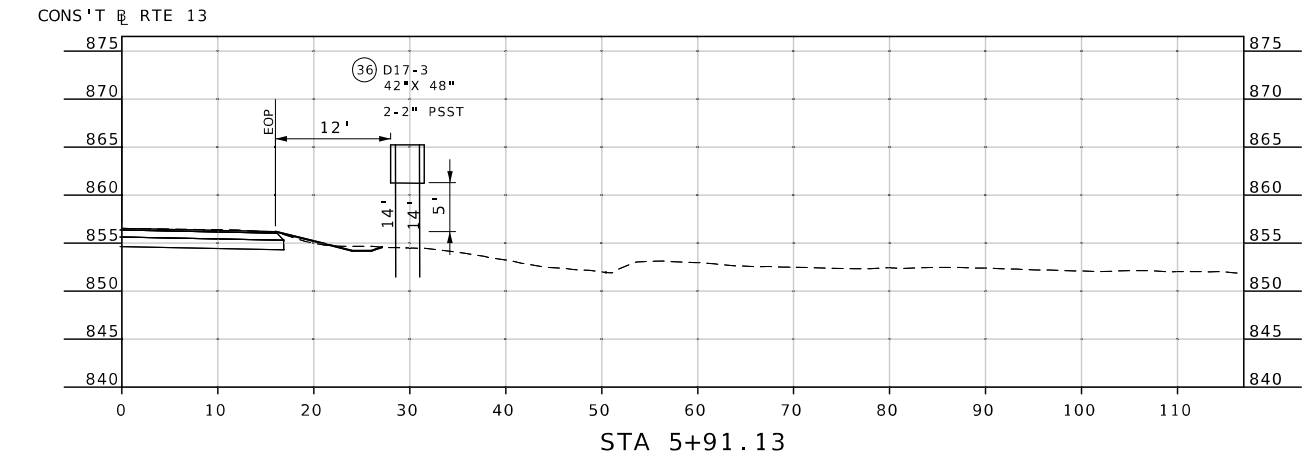
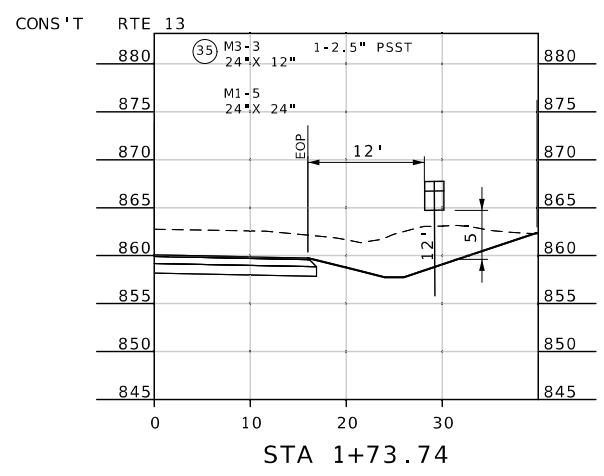
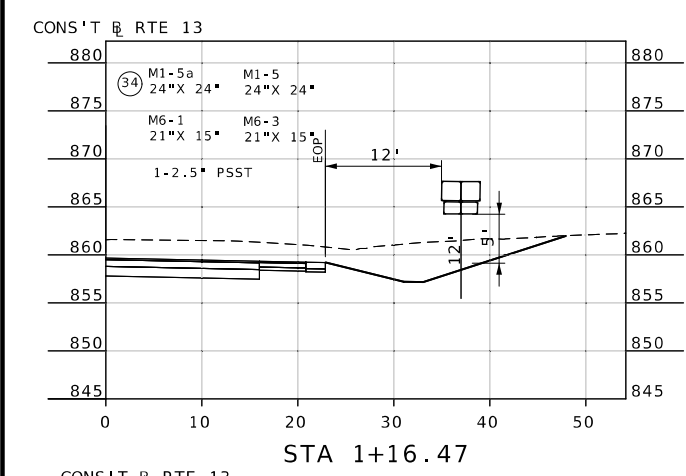
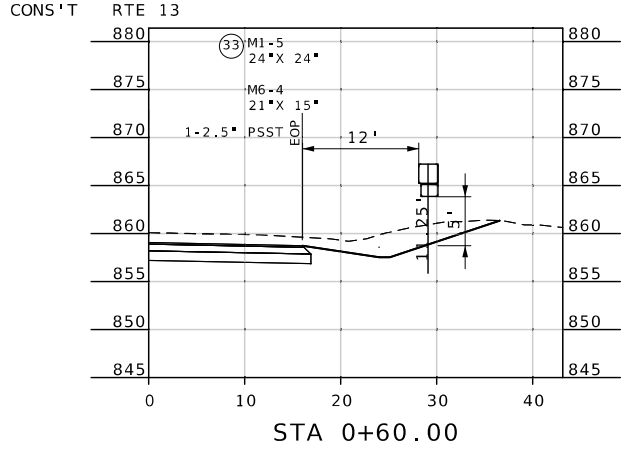
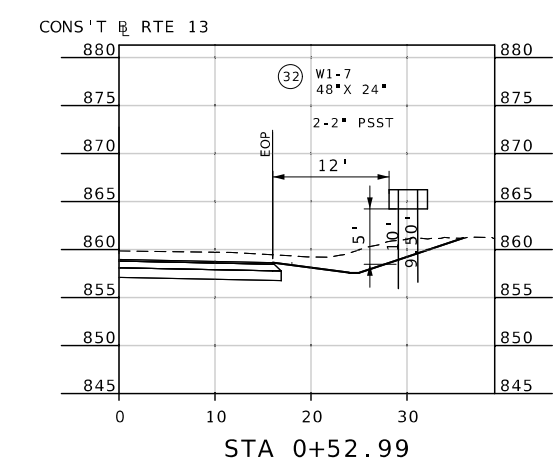
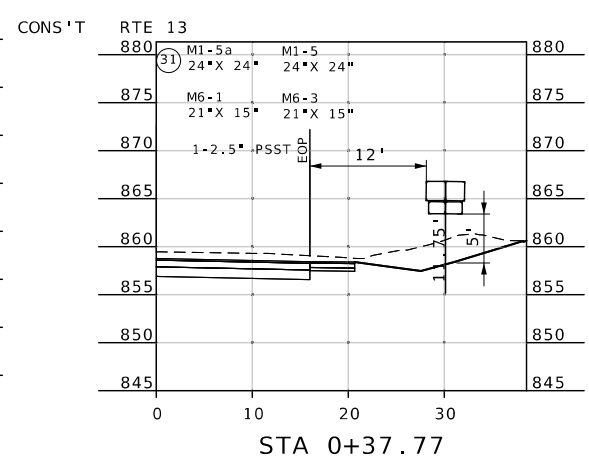
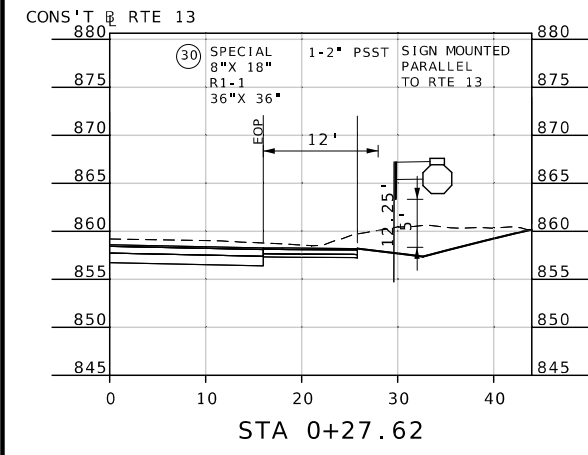
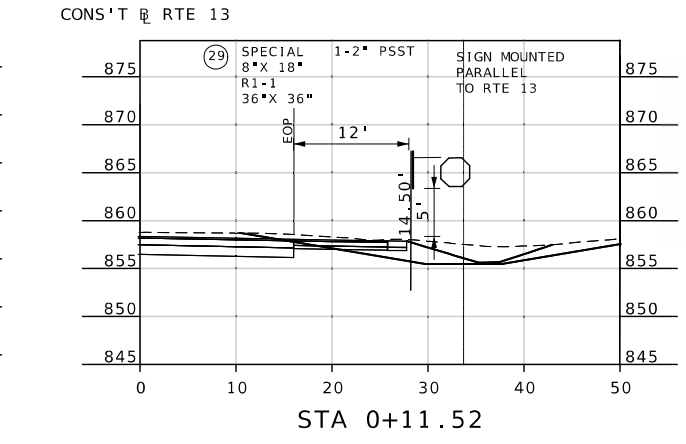
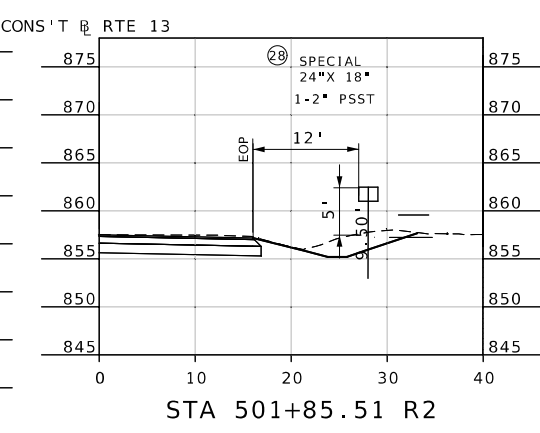
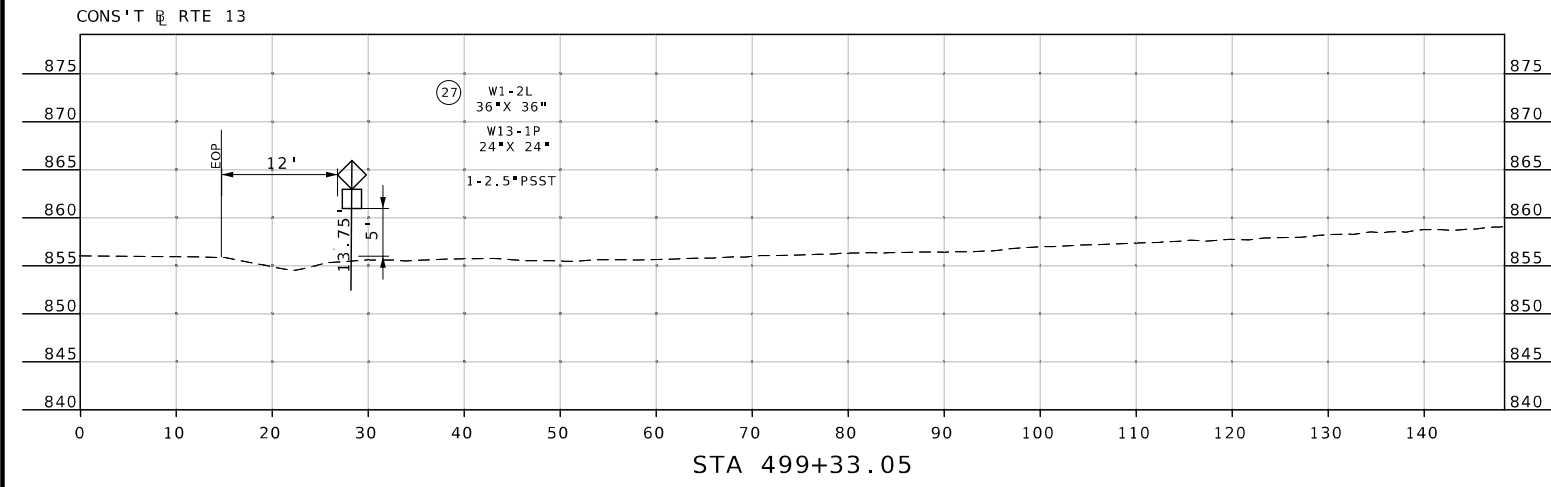
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT



SIGNING SHEET
SHEET 44 OF 66

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/03/2026 12:36:26 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

8/1/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

303

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

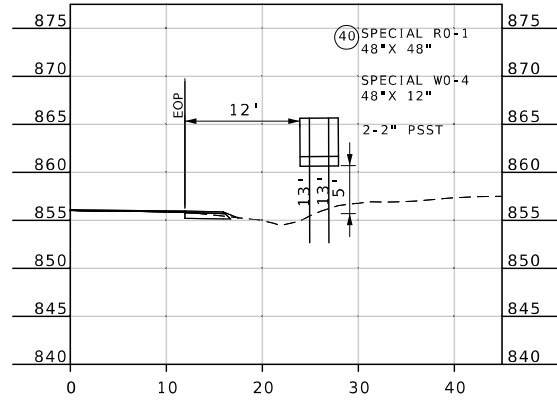
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

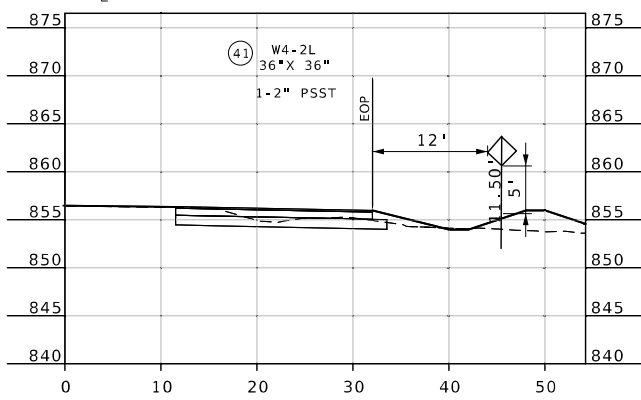
1-888-ASK-MODOT (1-888-275-6636)

CONS'T @ RTE 13



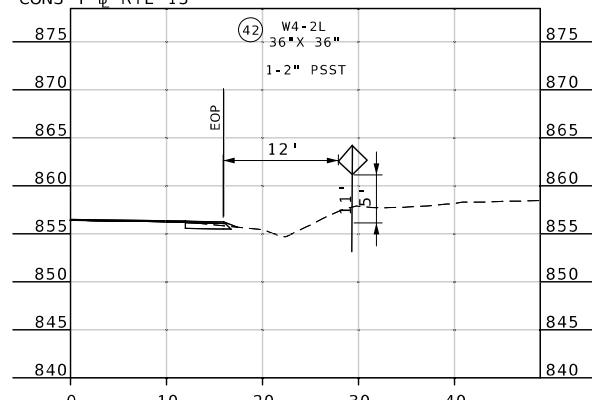
STA 33+88.19

CONS'T @ RTE 13



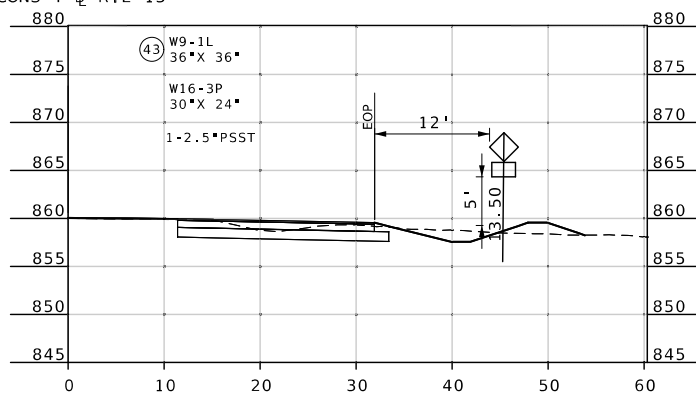
STA 34+21.81

CONS'T @ RTE 13



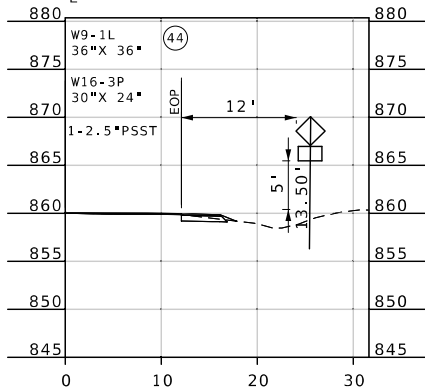
STA 34+21.81

CONS'T @ RTE 13



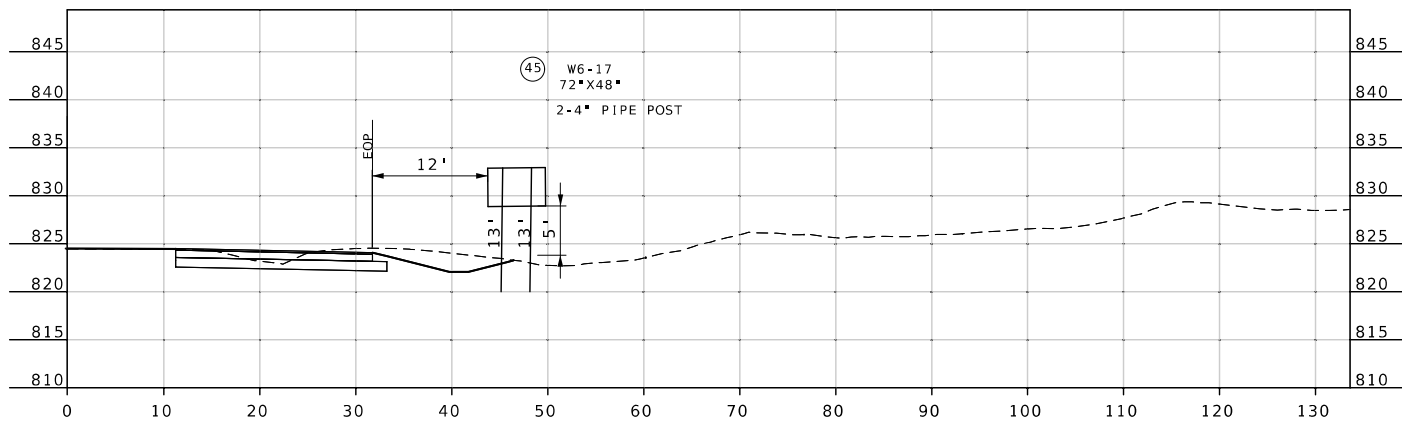
STA 38+21.81

CONS'T @ RTE 13



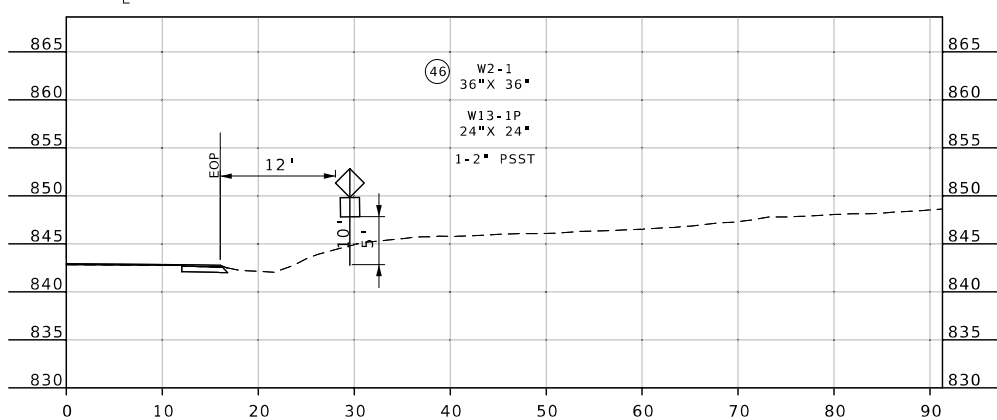
STA 38+21.81

CONS'T @ RTE 13



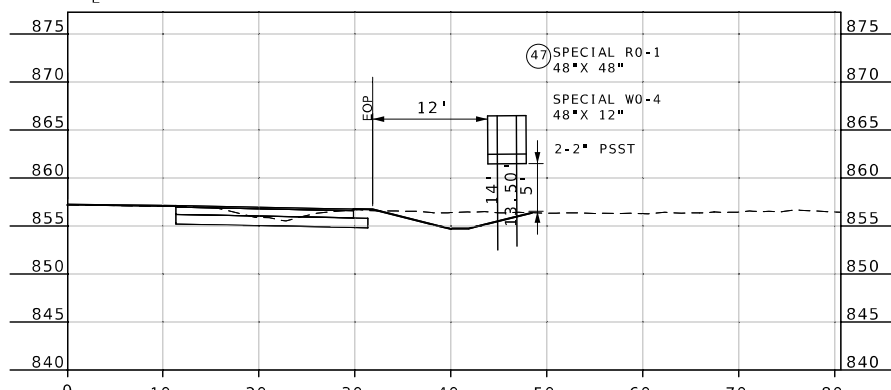
STA 48+20.16

CONS'T @ RTE 13



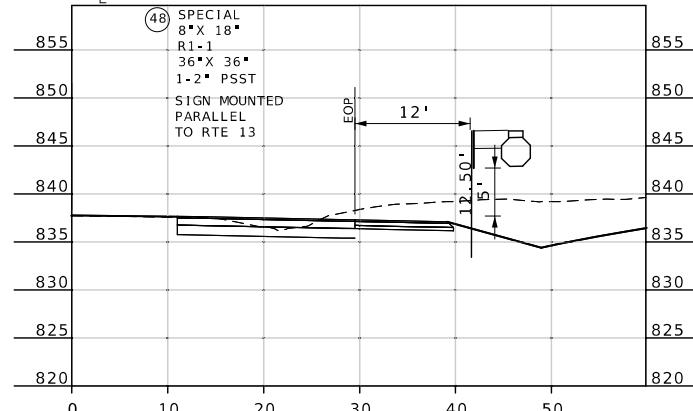
STA 66+80.62

CONS'T @ RTE 13



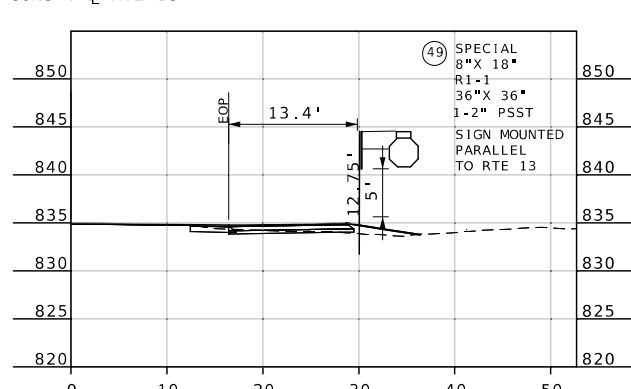
STA 71+72.08

CONS'T @ RTE 13



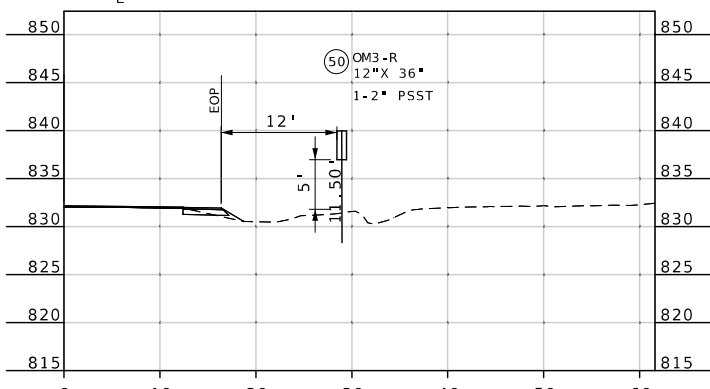
STA 79+03.52

CONS'T @ RTE 13



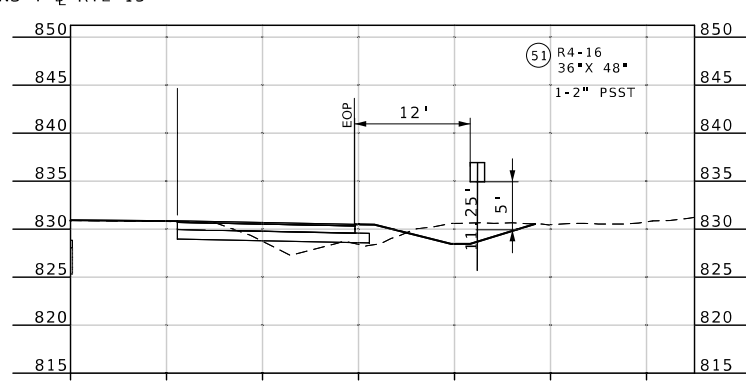
STA 79+61.77

CONS'T @ RTE 13



STA 80+19.06

CONS'T @ RTE 13



STA 80+49.39

SIGNING SHEET
SHEET 45 OF 66

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

DATE PREPARED

8/1/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

304

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

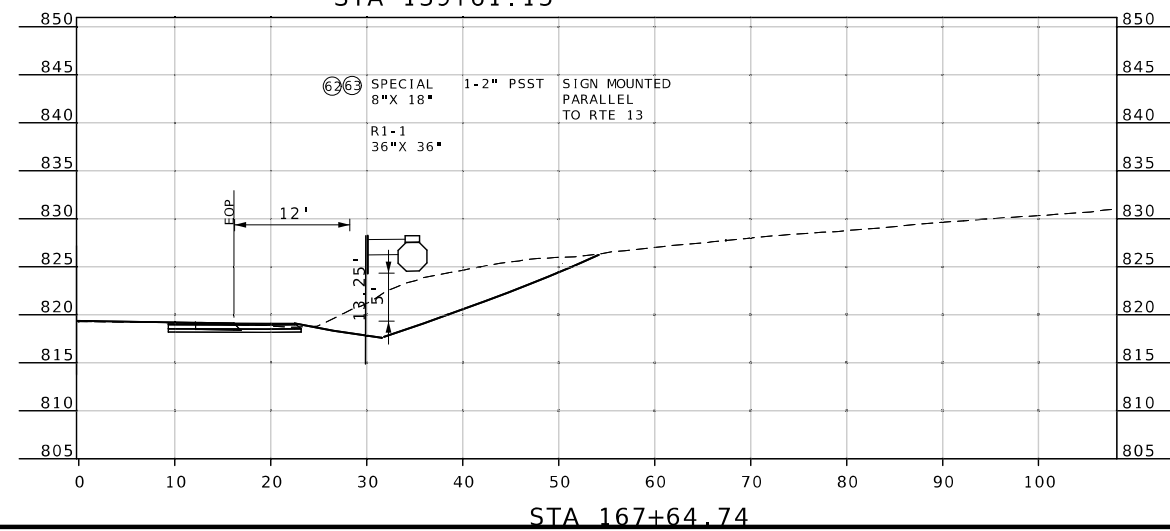
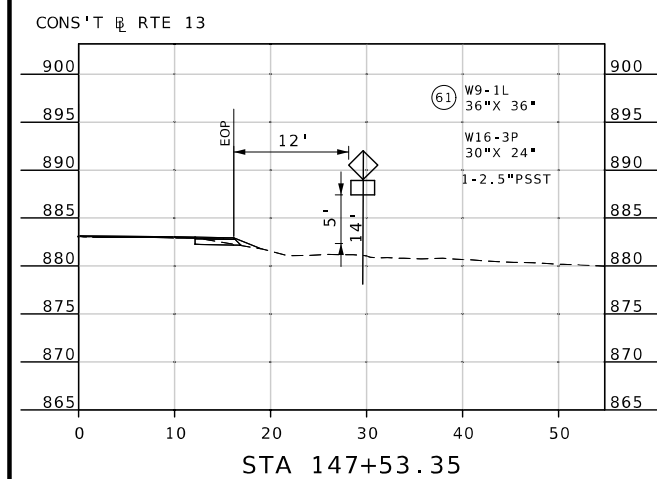
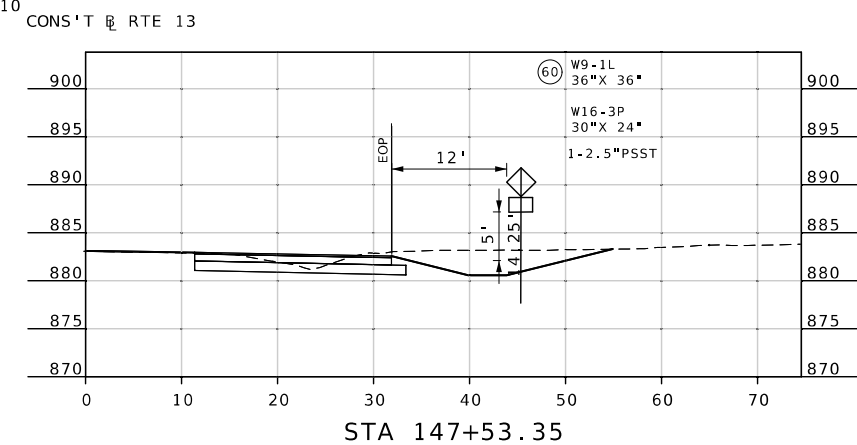
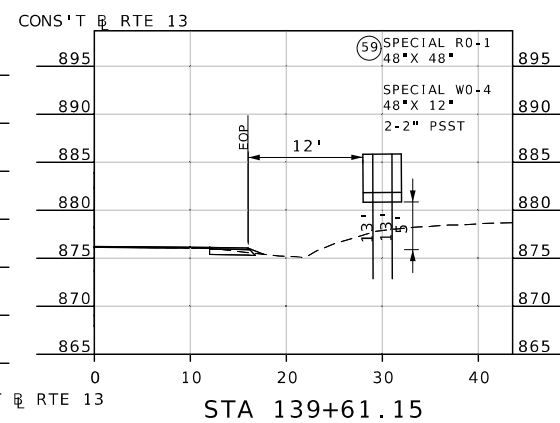
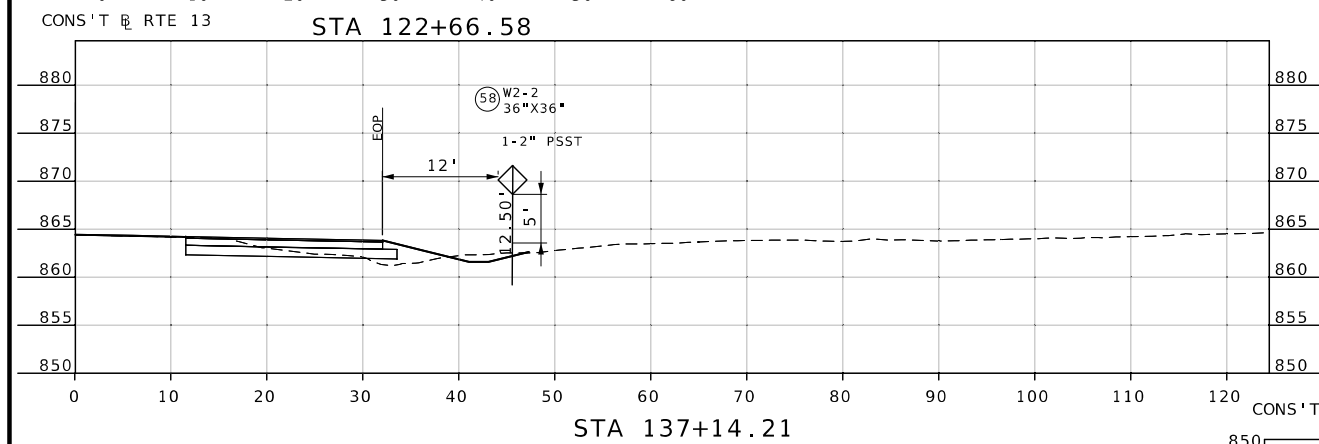
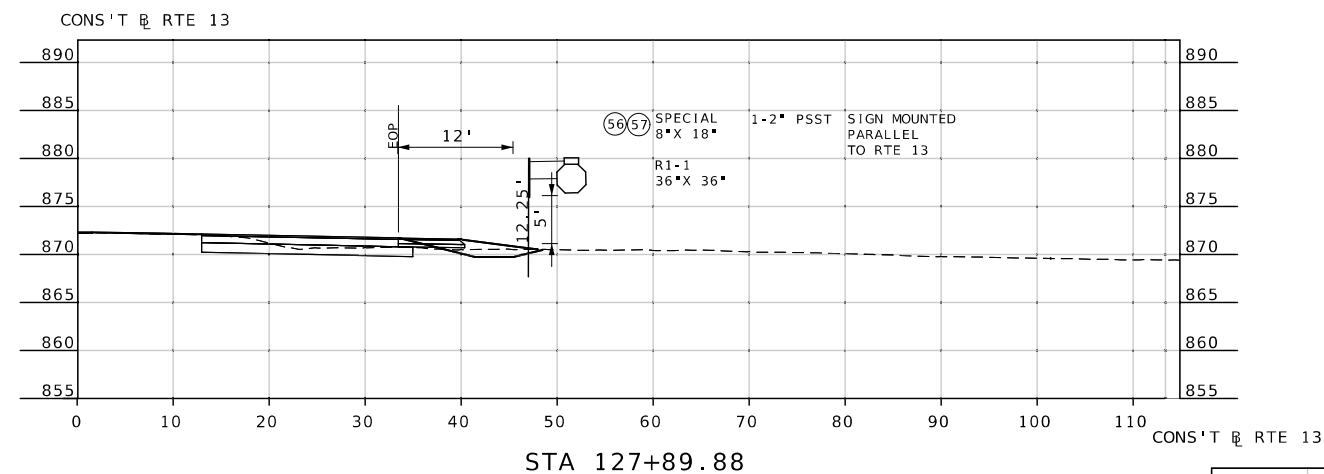
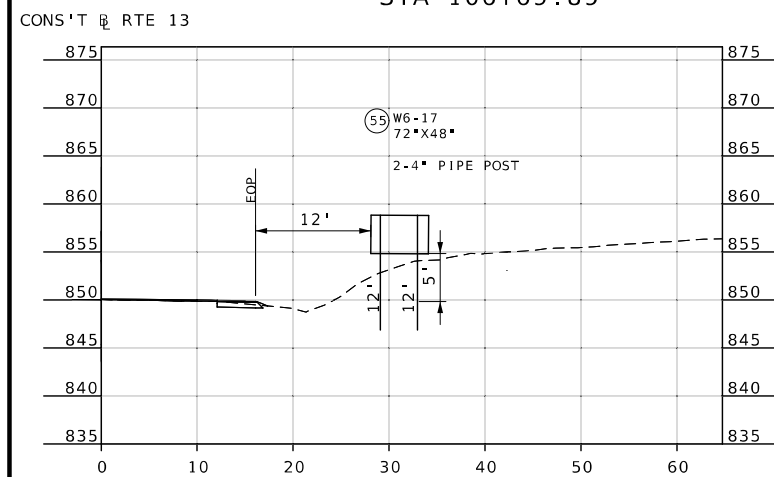
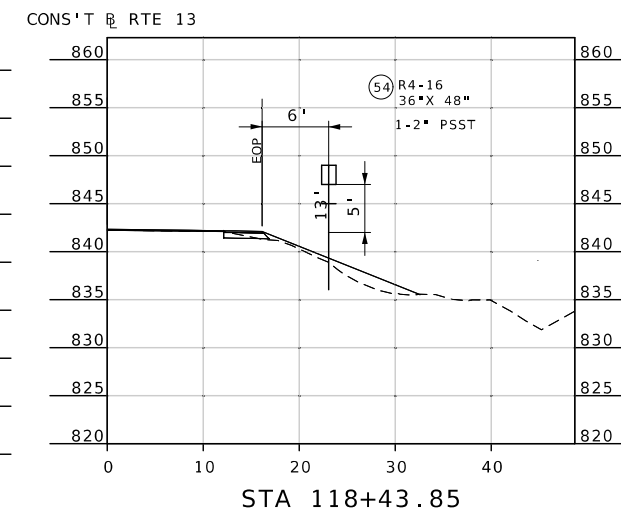
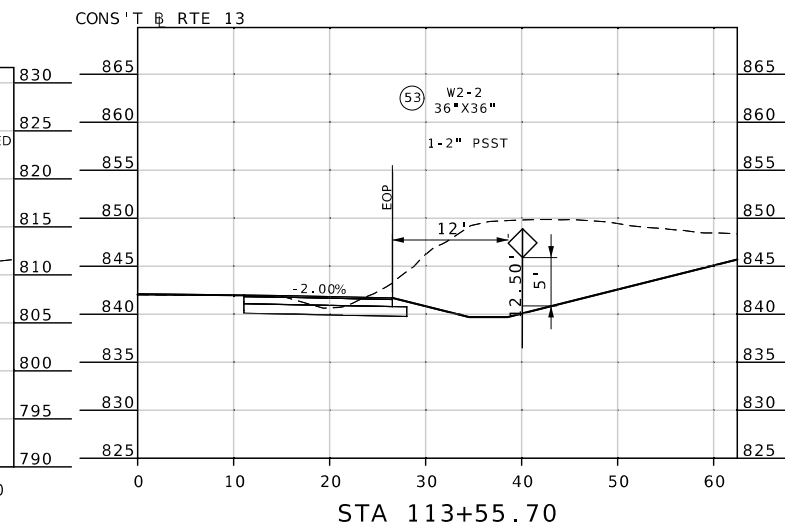
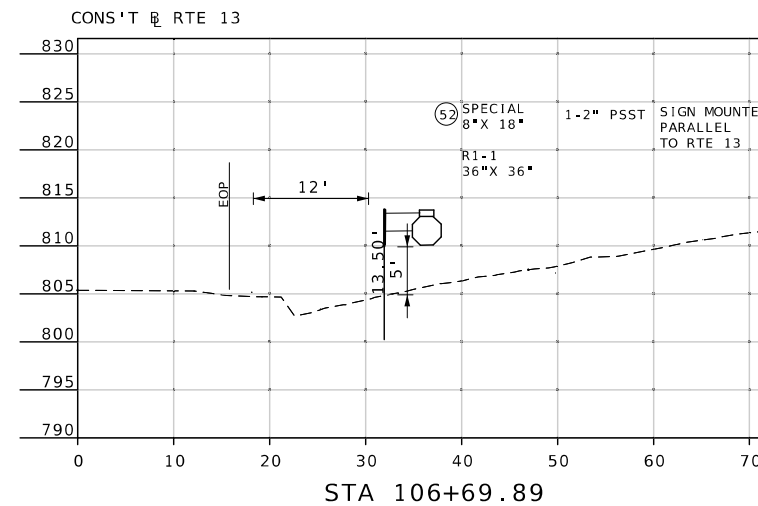
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

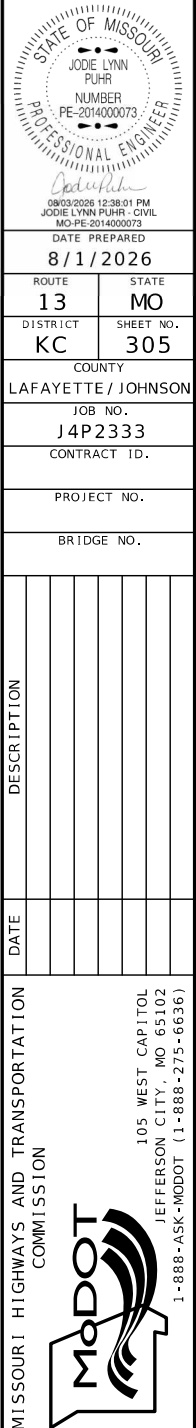
105 WEST CAPITOL

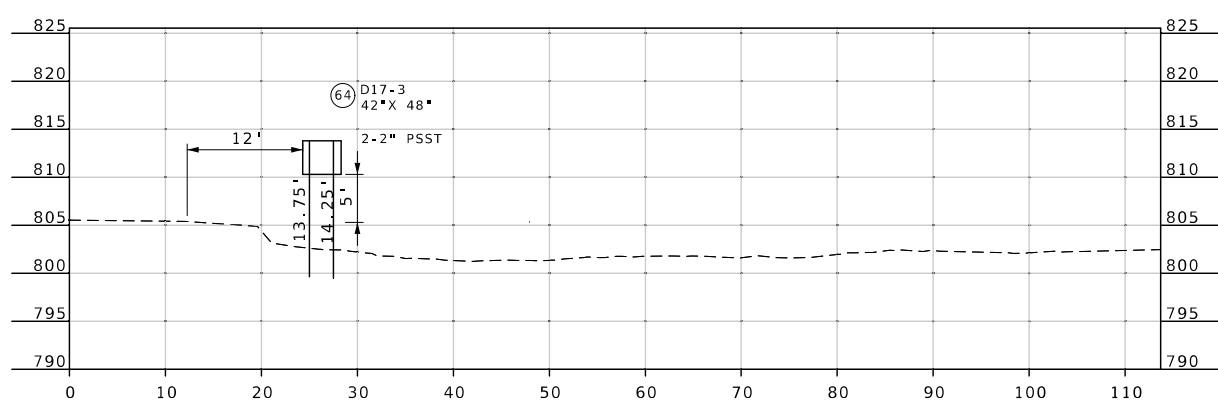
JEFFERSON CITY, MO 65102

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

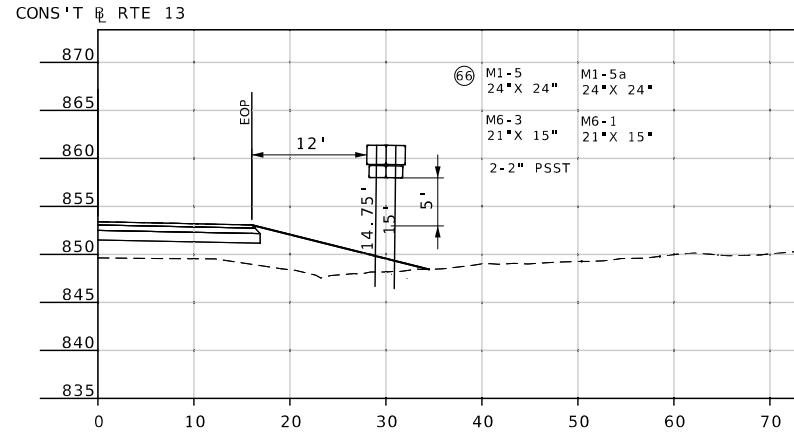


SIGNING SHEET
SHEET 46 OF 66

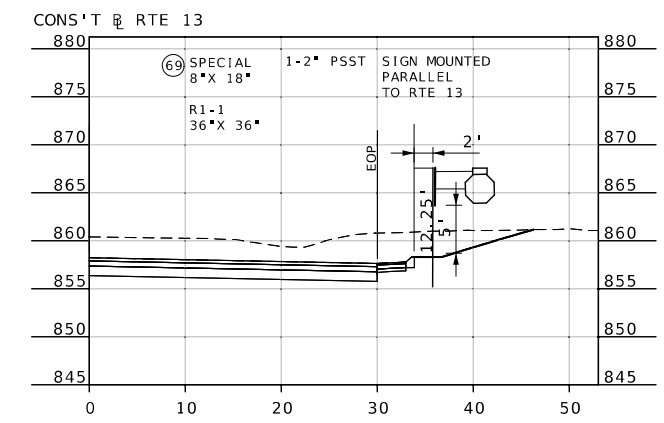




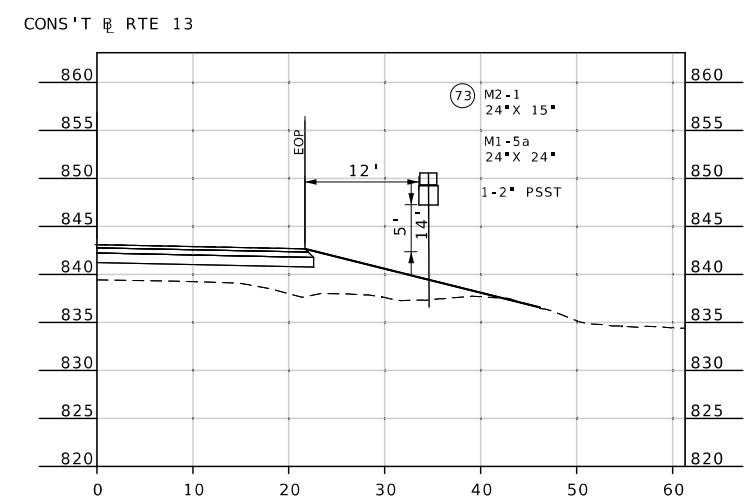
STA 176+00.71



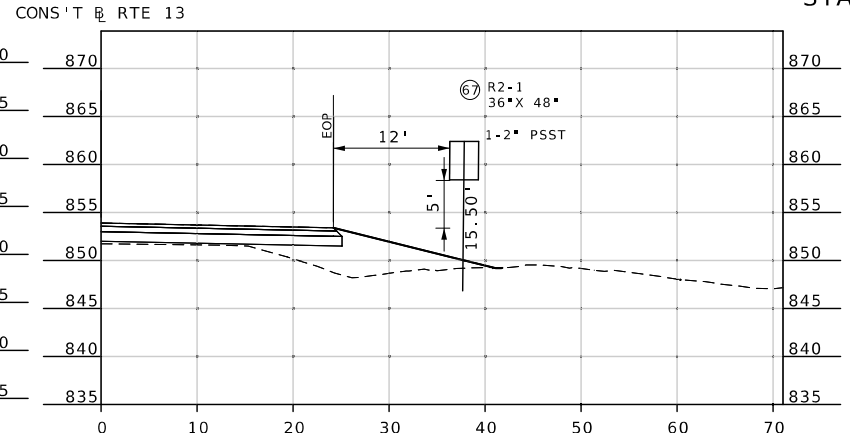
STA 200+55.73



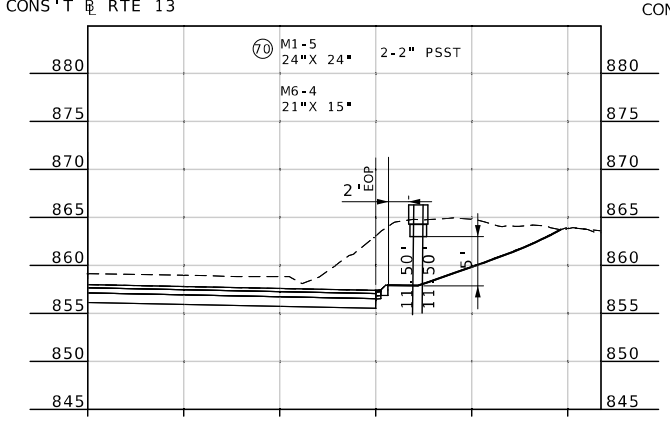
STA 207+01.48



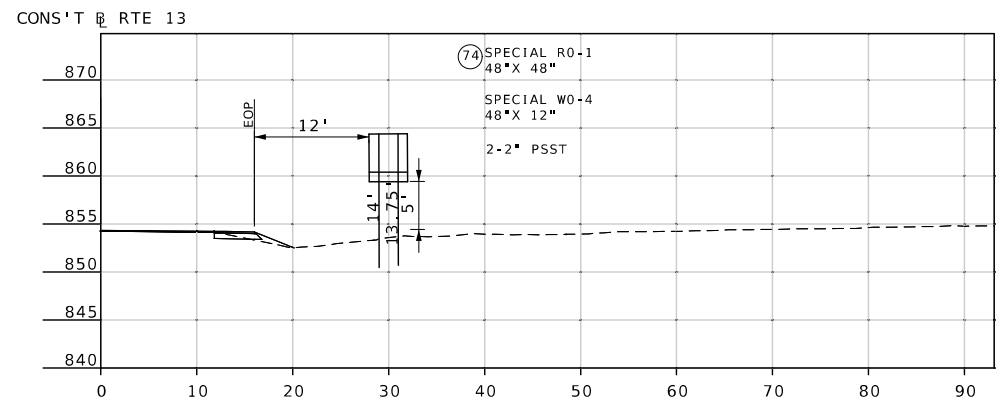
STA 218+46.32



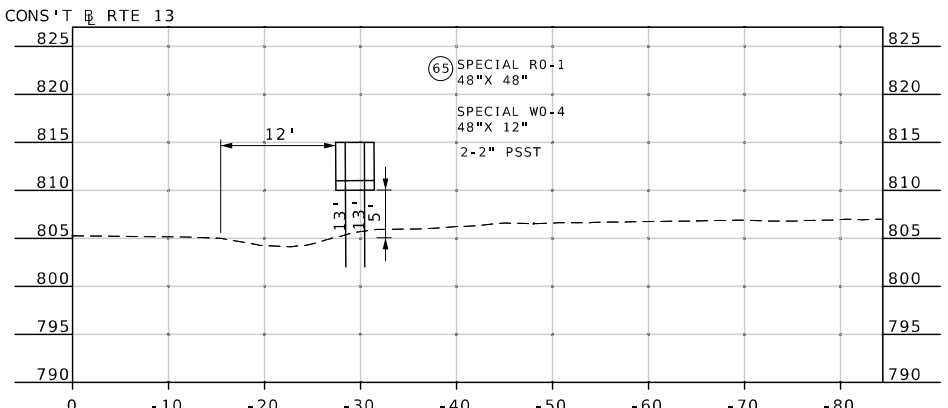
STA 202+79.06



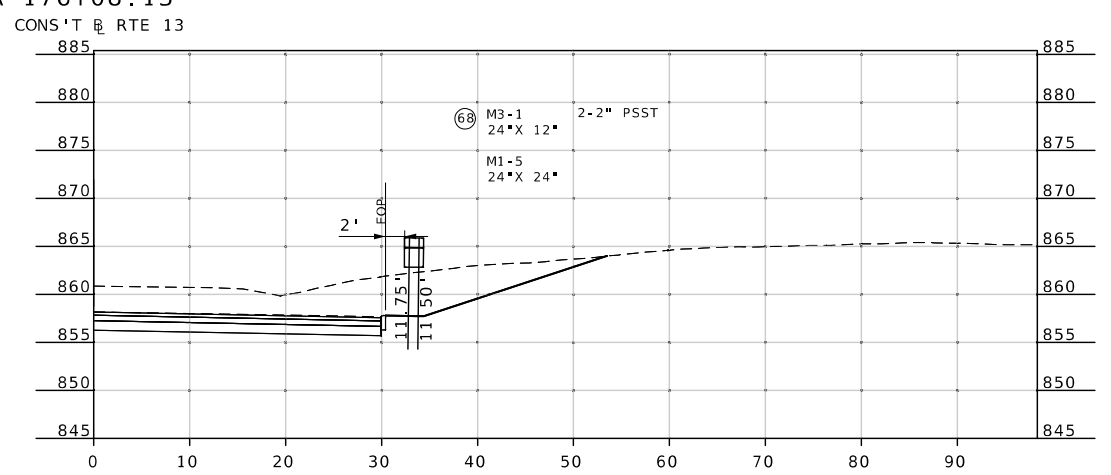
STA 207+67.52



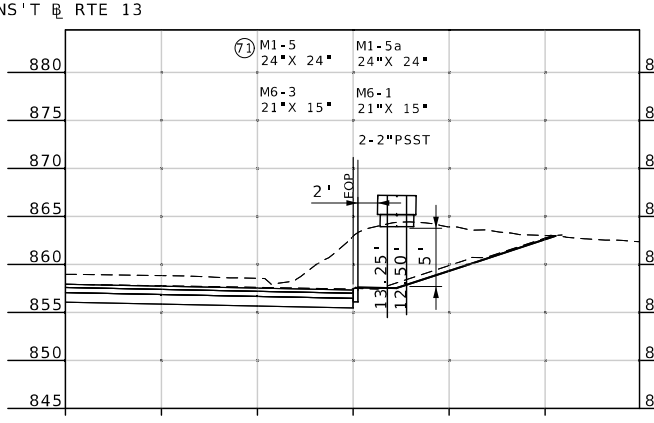
STA 247+31.32



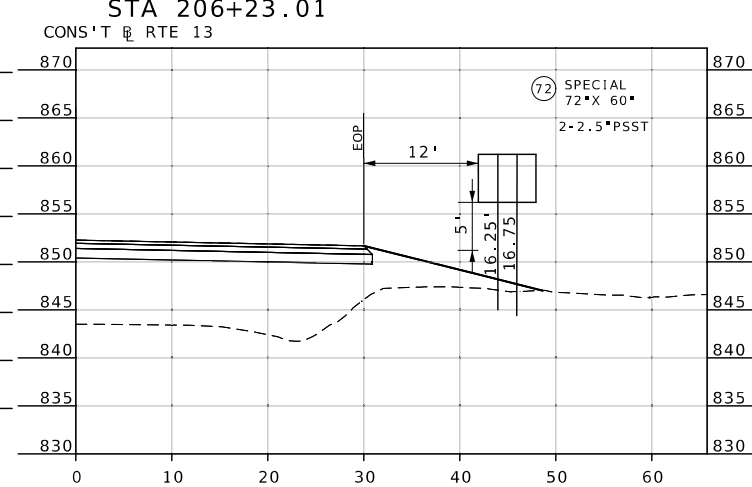
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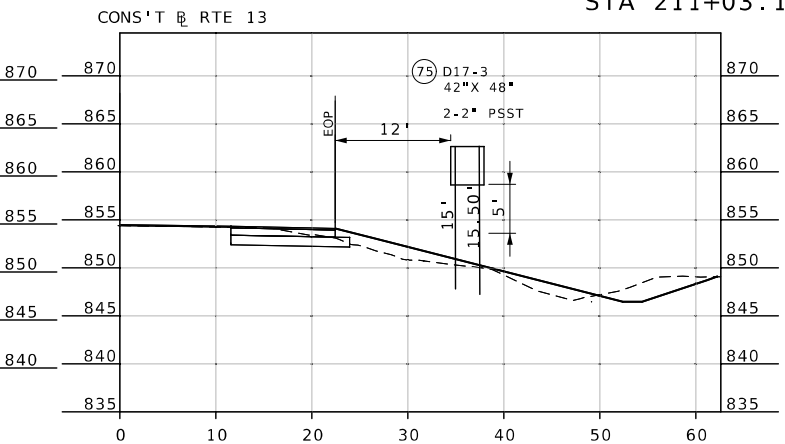
STA 206+23.01



STA 207+74.50



STA 211+03.15



STA 249+35.61

SIGNING SHEET
SHEET 47 OF 66

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

DATE PREPARED

8/1/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

306

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

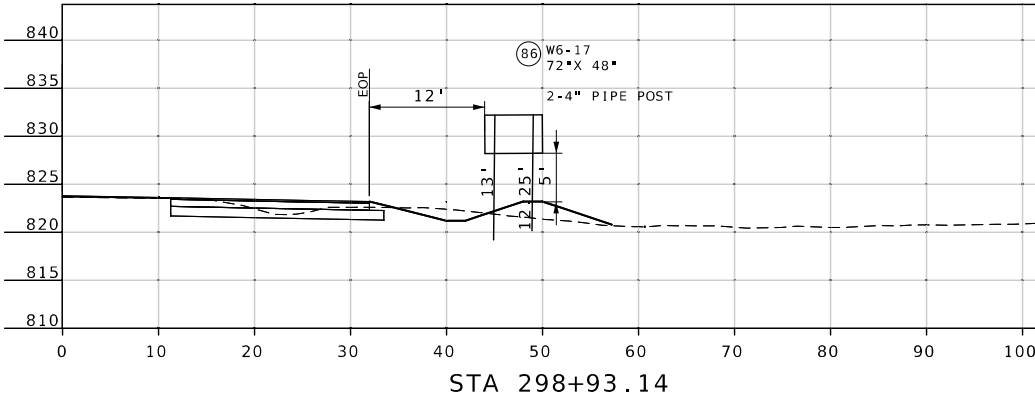
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

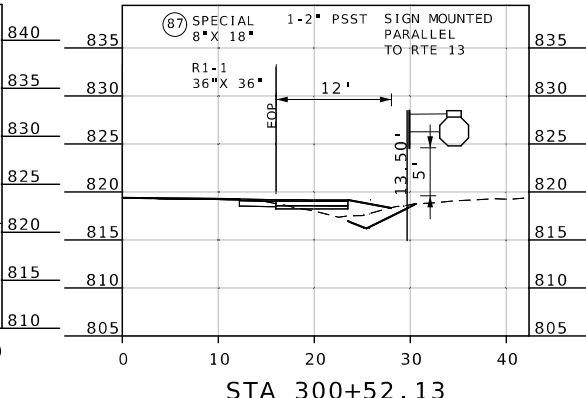
1-888-ASK-MODOT (1-888-275-6636)

CONS'T RTE 13



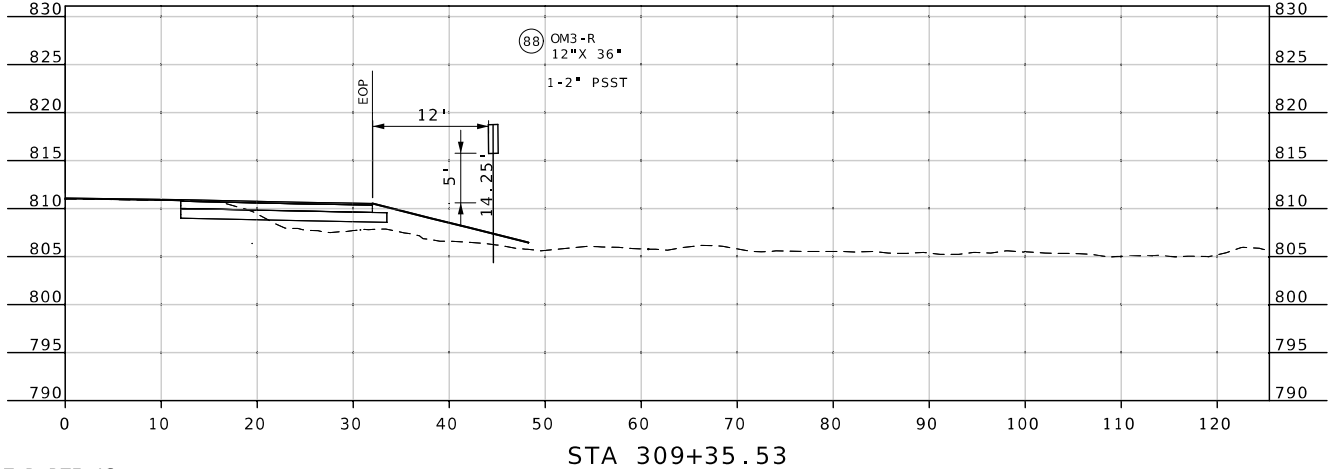
STA 298+93.14

CONS'T RTE 13



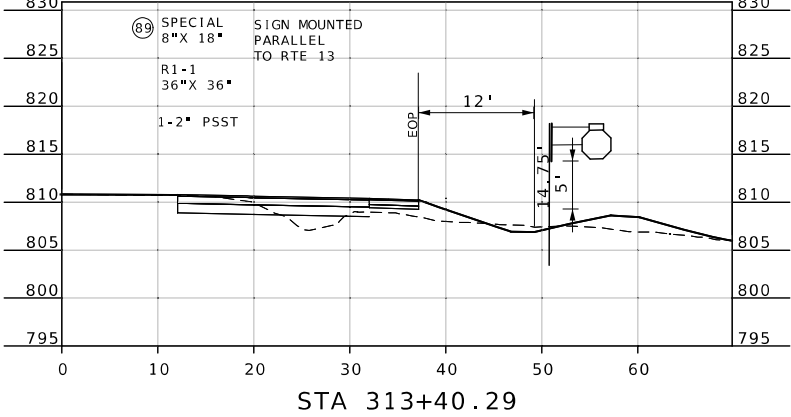
STA 300+52.13

CONS'T RTE 13



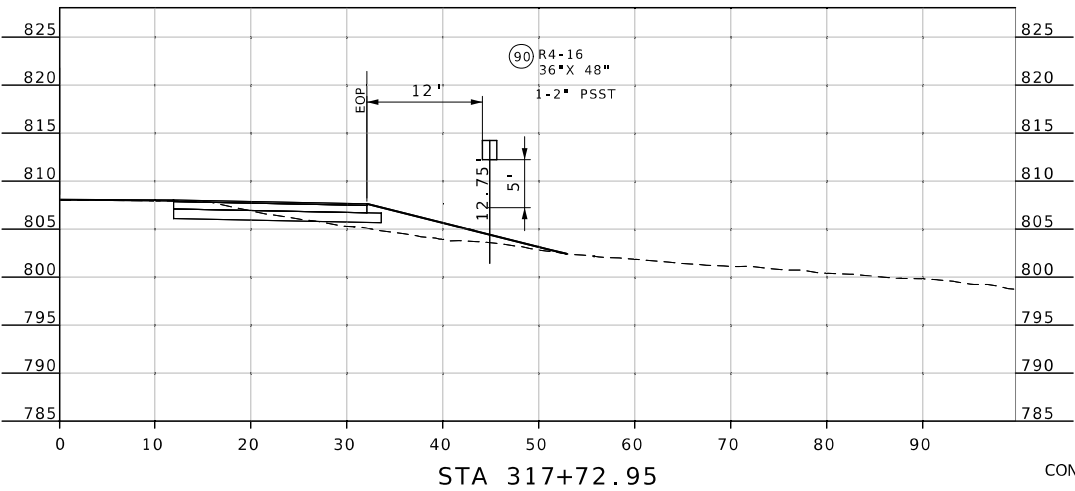
STA 309+35.53

CONS'T RTE 13



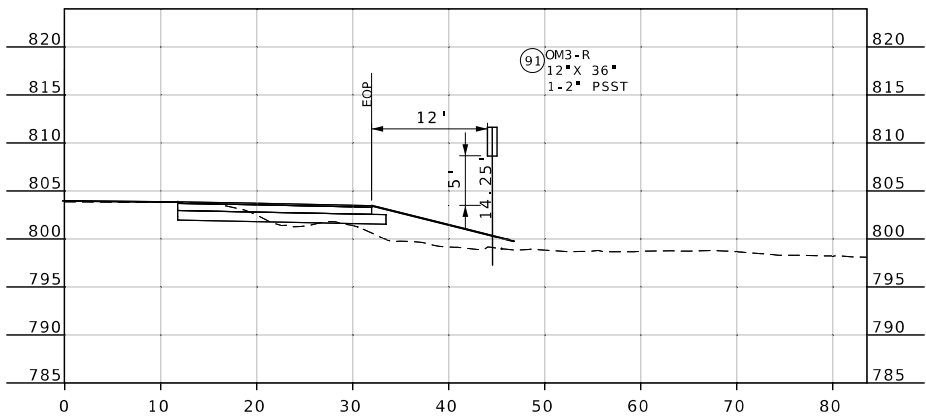
STA 313+40.29

CONS'T RTE 13



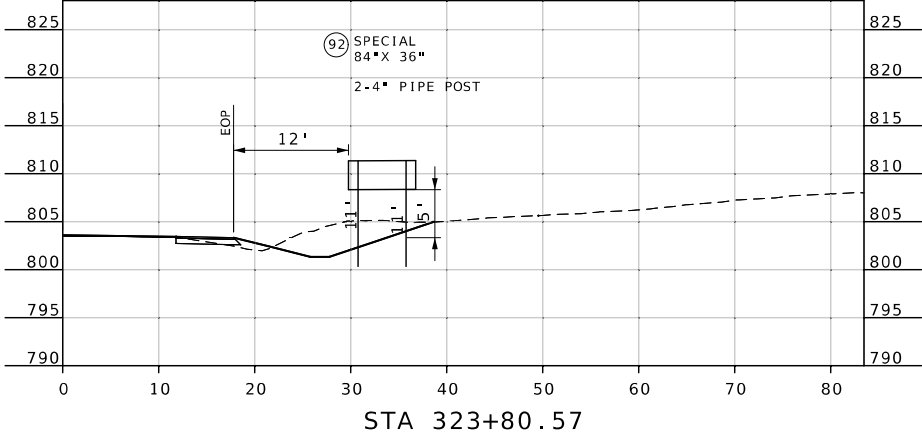
STA 317+72.95

CONS'T RTE 13



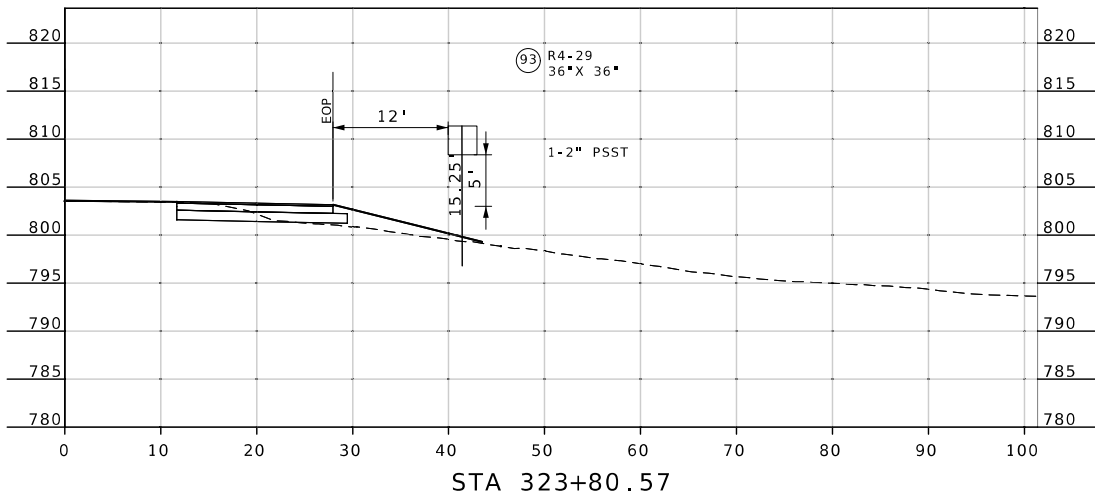
STA 322+12.81

CONS'T RTE 13

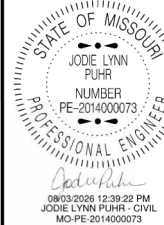


STA 323+80.57

CONS'T RTE 13



STA 323+80.57



DATE PREPARED
8/1/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 308

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

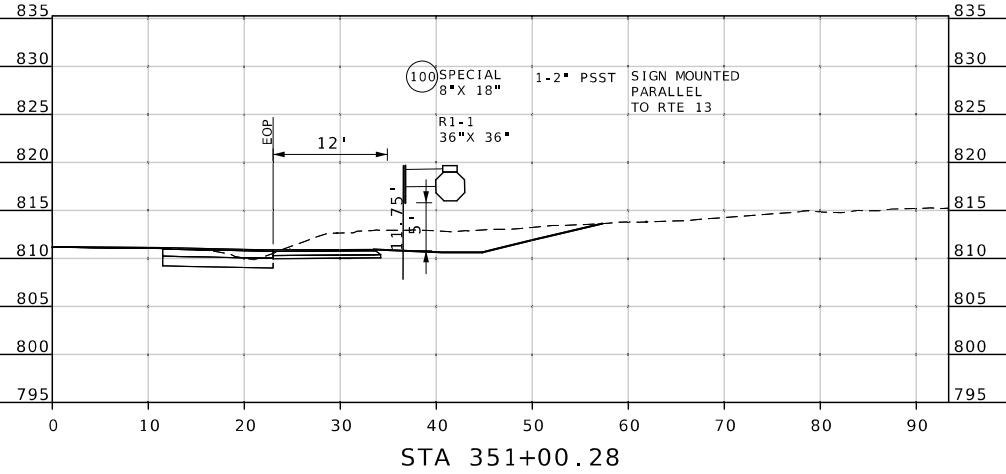
105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

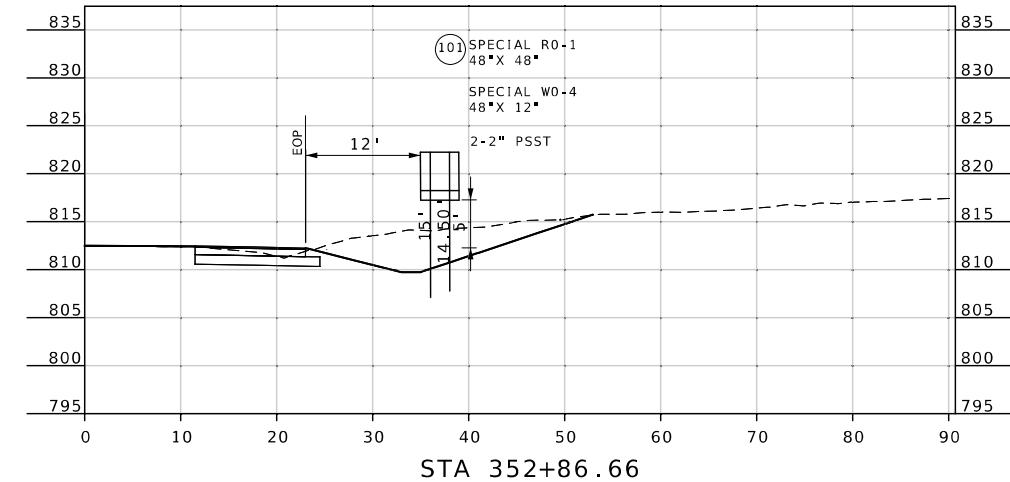
MODOT

Profile view of a road sign assembly. The drawing shows a sign mounted on a post, which is attached to a base. The sign is labeled (97) SPECIAL 8" X 18". The post is labeled 1-2" PSST. The base is labeled R1-1 36" X 36". The sign is mounted parallel to the right-of-way (RTE) 13. Dimensions include a 12' distance from the sign to the post, a 12.50' distance from the post to the base, and a 5' distance from the base to the sign. The sign is mounted on a post that is 12' high. The base is 36" x 36". The sign is 8" x 18". The sign is labeled (97) SPECIAL 8" X 18". The post is labeled 1-2" PSST. The base is labeled R1-1 36" X 36". The sign is mounted parallel to the right-of-way (RTE) 13.

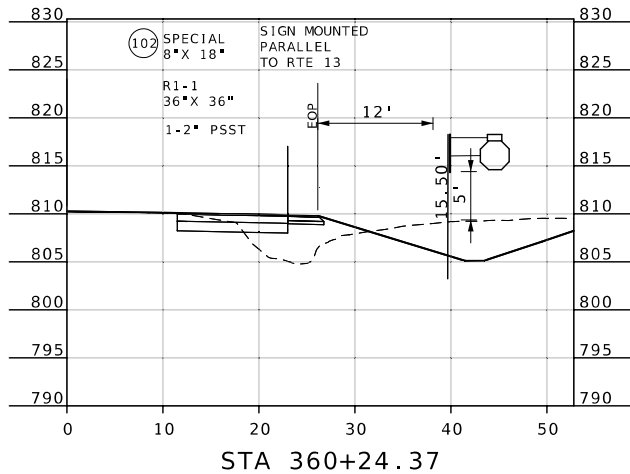
CONS'T @ RTE 13



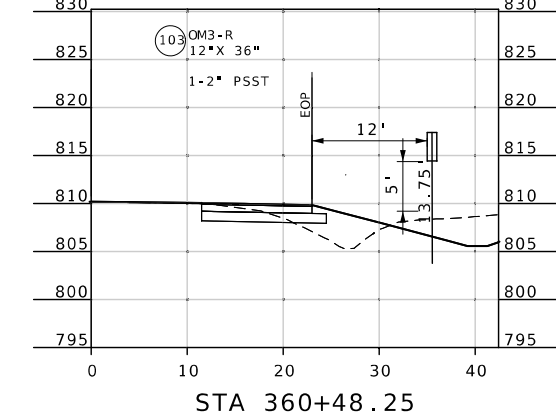
CONS'T @ RTE 13



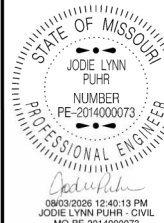
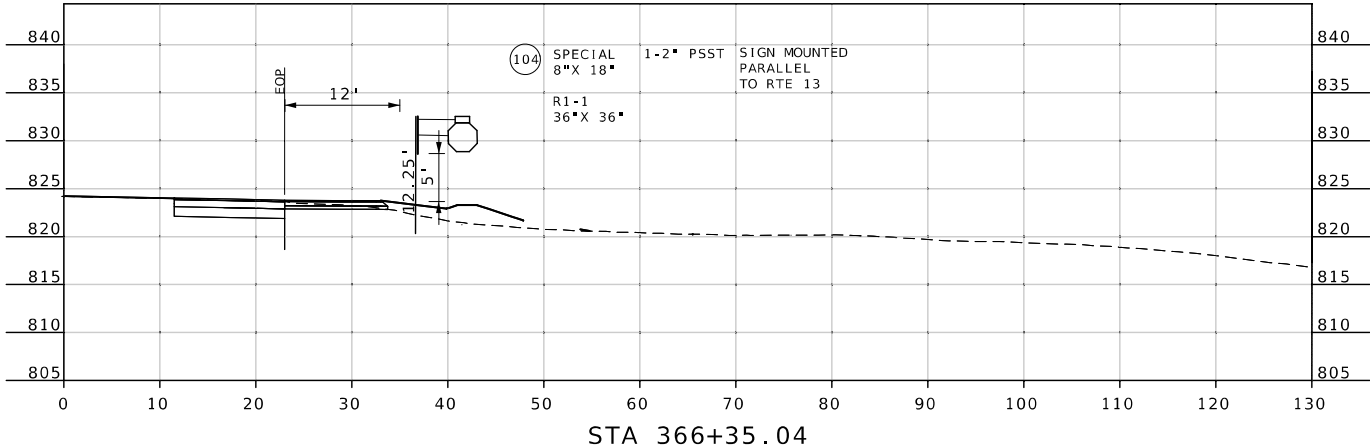
CONS'T @ RTE 13



CONS'T @ RTE 13



CONS'T @ RTE 13



DATE PREPARED
8/1/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 310

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

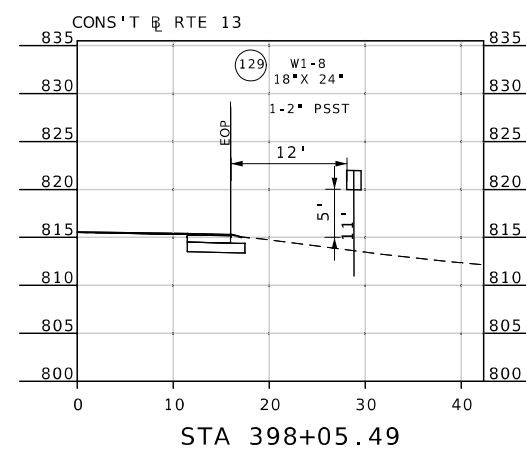
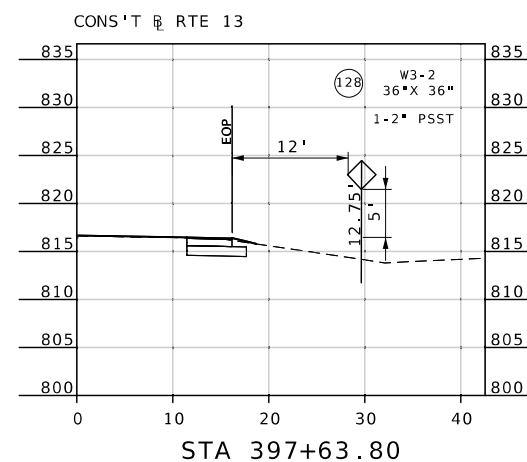
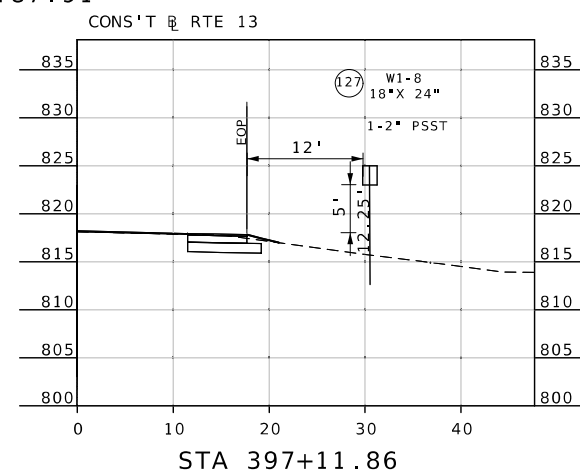
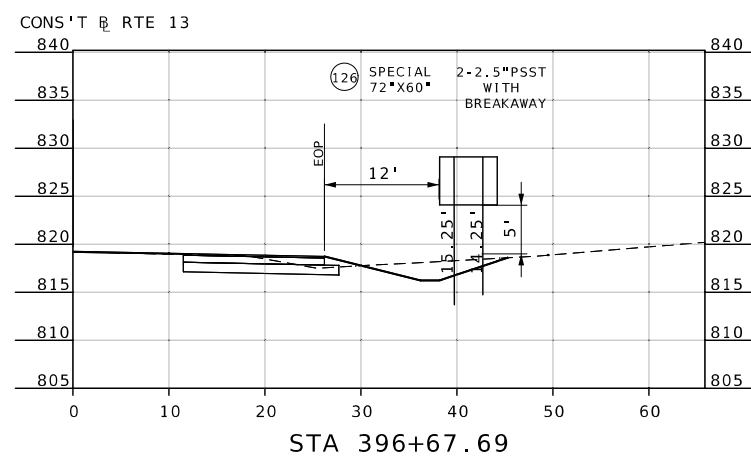
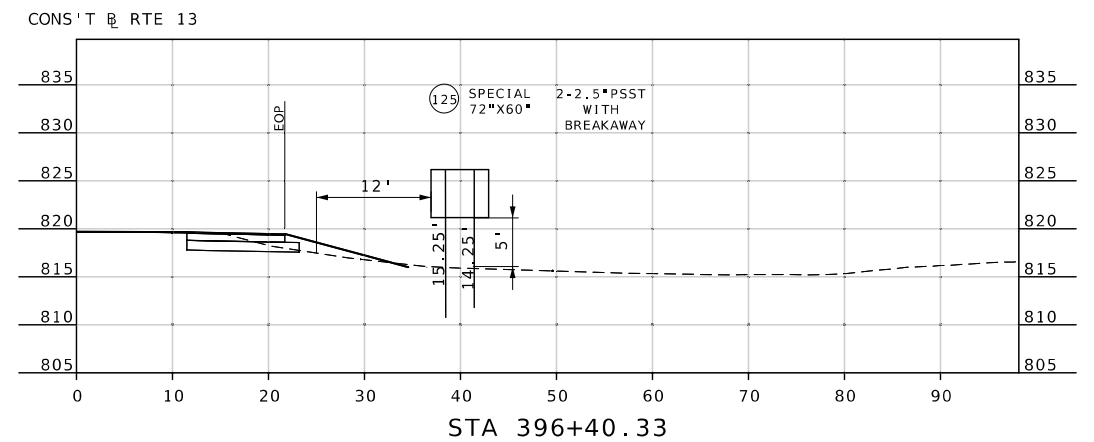
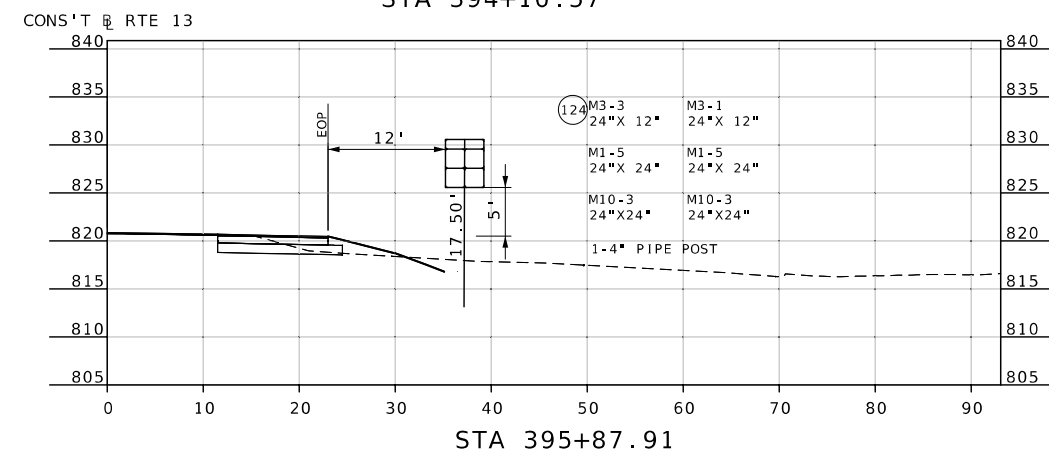
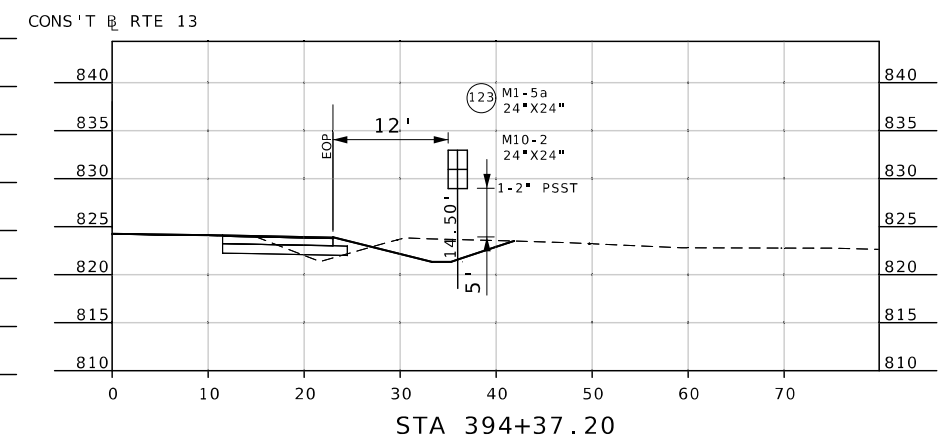
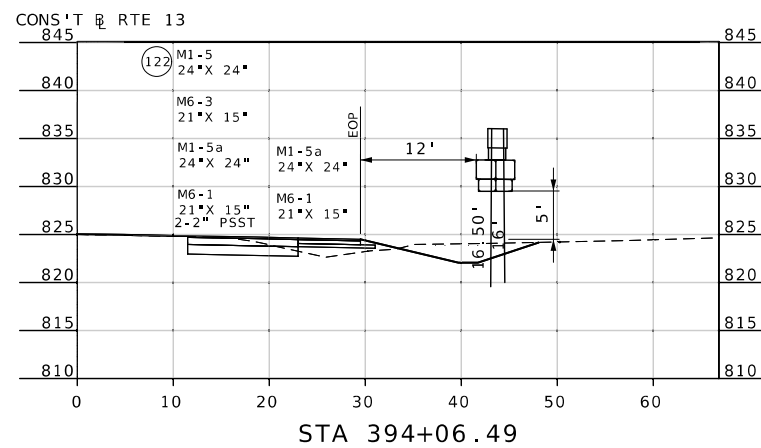
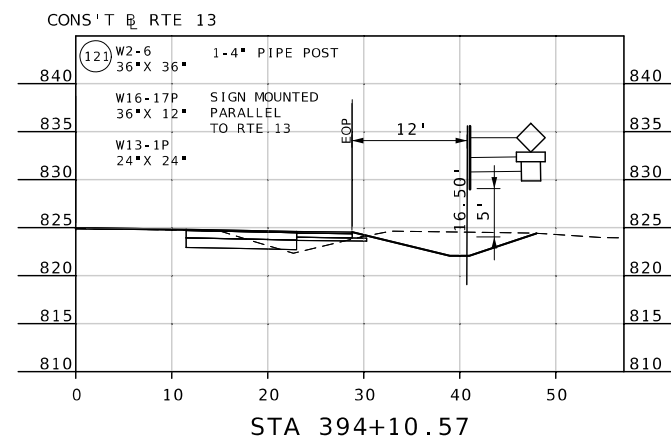
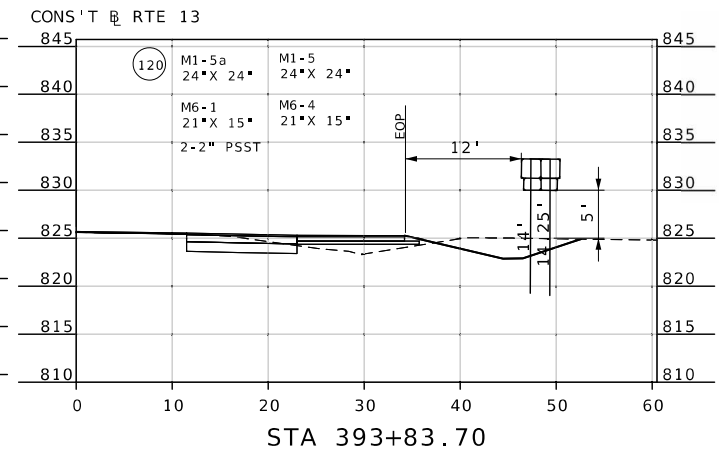
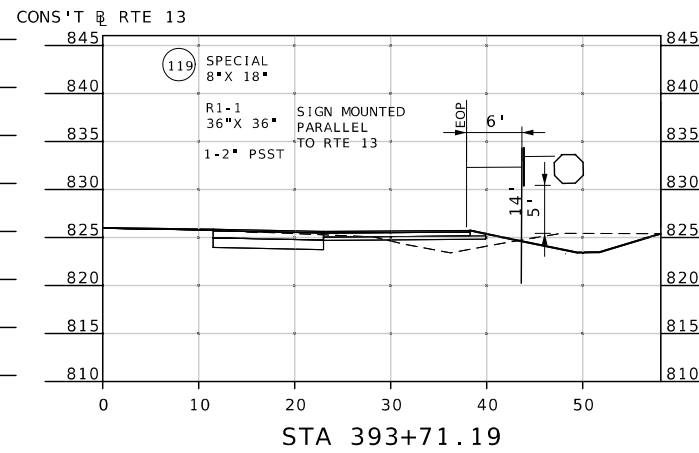
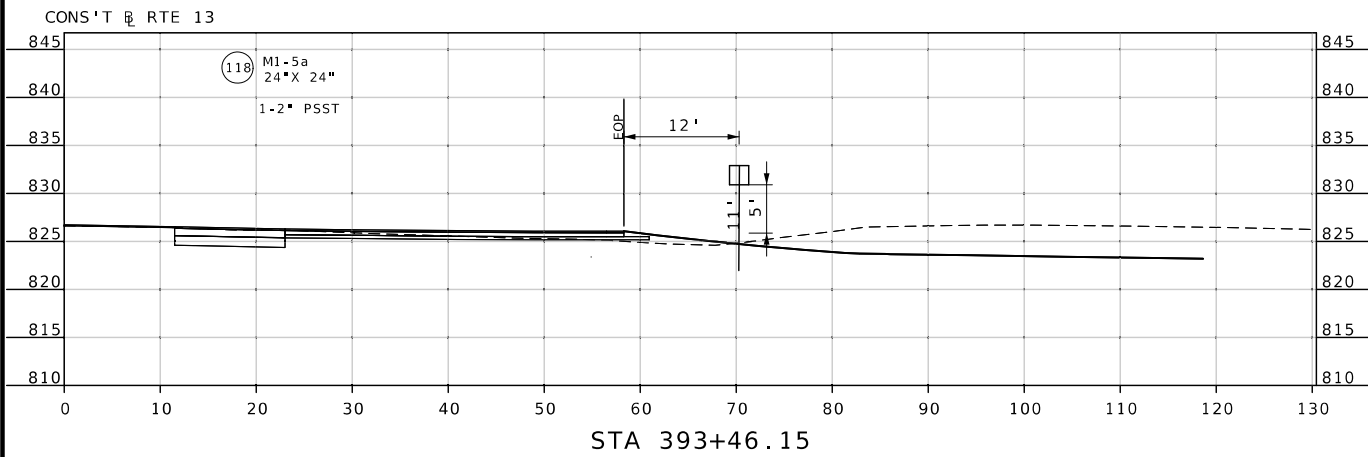
DESCRIPTION

DATE

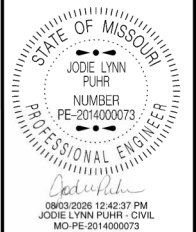
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT



SIGNING SHEET
SHEET 54 OF 66



DATE PREPARED

8/1/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 313

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

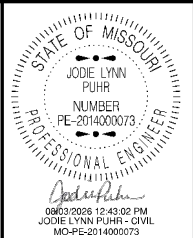
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

[illegible]

ROUND PIPE POST AND FOOTING DATA TABLE						
NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE C.Y.
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	
2½"	5.79	0.48	4' - 3½"	12"	4'-6"	0.13
4	10.79	0.90	5' - 3½"	18"	5'-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE													
POST DES. NO.		NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING							
			LBS/FT	LBS/IN		DIA.	LEVEL DEPTH	GROUND C.Y.	6:1 GRADE DEPTH	C.Y.	4:1 GRADE DEPTH	C.Y.	3:1 OR 2:1 GRADE DEPTH
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W8	15.0	1.15	4'-0"	24"	4'-0"	0.50	4'-2"	0.51	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	0.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65



DATE PREPARED

8/1/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO
KC	314

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SIGNS				CONCRETE FOOTINGS EMBEDDED	I-BEAM POSTS*				PIPE POSTS*				4" SQUARE STEEL POST*		PERFORATED SQUARE STEEL TUBE**											U- CHANNEL POST	ALUMINUM BACKING BARS				COLUMN MOUNTING C-CHANNEL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
902 SIGNAL SIGNS TABULATED ON D-37A					SIGN ITEM NO. 9031010 CY	POST + STUB				LBS PER FT	TOTAL ITEM NO. 9031210 LBS	BASE ITEM NO. 9031005 EACH	POST ITEM NO. 9031230 LF	2" POST			2.5" POST					BREAK - AWAY ASSEMBLY ITEM NO. 9031241	ITEM NO. 9031250A	COUNT EACH	LENGTH IN.		TOTAL ITEM NO. 9035030 LF	ITEM NO. 9035031 LF																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
SIGN NO.	SIGN SIZE	STATION/ LOG MILE	LOCATION	DTL SHT NO.		DES NO.	NO. 1 LF	NO. 2 LF	NO. 3 LF					NO. 1 IN.	NO. 1 LF	NO. 2 LF	NO. 1 FT	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS					NO. 1 LF			NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF	NO. 2 LF	NO. 1 LBS	NO. 1 LF

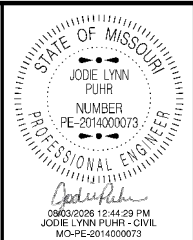
ROUND PIPE POST AND FOOTING DATA TABLE					
NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING	
	LBS/FT	LBS/IN		DIA.	CONCRETE C.Y.
2 1/2	5.79	0.48	4'- 3/4"	12"	4-6"
4	10.79	0.90	5'- 3/4"	18"	5-6"

STRUCTURAL STEEL POST AND FOOTING DATA TABLE													
POST DES. NO.	NOM. SIZE	POST		STUB LENGTH	DIA.	FOOTING							
		WEIGHT				GROUND		6:1 GRADE		4:1 GRADE		3:1 OR 2:1 GRADE	
		LBS/FT	LBS/IN			DEPTH	C. Y.	DEPTH	C. Y.	DEPTH	C. Y.	DEPTH	C. Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

SIGNS					CONCRETE FOOTINGS EMBEDDED	I-BEAM POSTS*					PIPE POSTS*					4" SQUARE STEEL POST*		PERFORATED SQUARE STEEL TUBE**											U- CHANNEL POST	ALUMINUM BACKING BARS				COLUMN MOUNTING C-CHANNEL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
902 SIGNAL SIGNS TABULATED ON D-37A						SIGN (I-BEAM/PIPE) ITEM NO. 9031010	POST + STUB				LBS PER FT	TOTAL ITEM NO. 9031210	POST + STUB		LBS PER FT	TOTAL ITEM NO. 9031220	BASE ITEM NO. 9031005	POST ITEM NO. 9031230	2" POST			2.5" POST					BREAK- AWAY ASSEMBLY ITEM NO. 9031241																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
SIGN NO.	SIGN SIZE	STATION/ LOG MILE	LOCATION	DTL SHT NO.			DES NO.	NO.1 LF	NO.2 LF	NO.3 LF			NO.4 LF	NO.5 LF					NO.6 LF	NO.7 LF	NO.8 LF	NO.9 LF	NO.10 LF	NO.11 LF	NO.12 LF	NO.13 LF		NO.14 LF		NO.15 LF	NO.16 LF	NO.17 LF	NO.18 LF		NO.19 LF	NO.20 LF	NO.21 LF	NO.22 LF	NO.23 LF	NO.24 LF	NO.25 LF	NO.26 LF	NO.27 LF	NO.28 LF	NO.29 LF	NO.30 LF	NO.31 LF	NO.32 LF	NO.33 LF	NO.34 LF	NO.35 LF	NO.36 LF	NO.37 LF	NO.38 LF	NO.39 LF	NO.40 LF	NO.41 LF	NO.42 LF	NO.43 LF	NO.44 LF	NO.45 LF	NO.46 LF	NO.47 LF	NO.48 LF	NO.49 LF	NO.50 LF	NO.51 LF	NO.52 LF	NO.53 LF	NO.54 LF	NO.55 LF	NO.56 LF	NO.57 LF	NO.58 LF	NO.59 LF	NO.60 LF	NO.61 LF	NO.62 LF	NO.63 LF	NO.64 LF	NO.65 LF	NO.66 LF	NO.67 LF	NO.68 LF	NO.69 LF	NO.70 LF	NO.71 LF	NO.72 LF	NO.73 LF	NO.74 LF	NO.75 LF	NO.76 LF	NO.77 LF	NO.78 LF	NO.79 LF	NO.80 LF	NO.81 LF	NO.82 LF	NO.83 LF	NO.84 LF	NO.85 LF	NO.86 LF	NO.87 LF	NO.88 LF	NO.89 LF	NO.90 LF	NO.91 LF	NO.92 LF	NO.93 LF	NO.94 LF	NO.95 LF	NO.96 LF	NO.97 LF	NO.98 LF	NO.99 LF	NO.100 LF	NO.101 LF	NO.102 LF	NO.103 LF	NO.104 LF	NO.105 LF	NO.106 LF	NO.107 LF	NO.108 LF	NO.109 LF	NO.110 LF	NO.111 LF	NO.112 LF	NO.113 LF	NO.114 LF	NO.115 LF	NO.116 LF	NO.117 LF	NO.118 LF	NO.119 LF	NO.120 LF	NO.121 LF	NO.122 LF	NO.123 LF	NO.124 LF	NO.125 LF	NO.126 LF	NO.127 LF	NO.128 LF	NO.129 LF	NO.130 LF	NO.131 LF	NO.132 LF	NO.133 LF	NO.134 LF	NO.135 LF	NO.136 LF	NO.137 LF	NO.138 LF	NO.139 LF	NO.140 LF	NO.141 LF	NO.142 LF	NO.143 LF	NO.144 LF	NO.145 LF	NO.146 LF	NO.147 LF	NO.148 LF	NO.149 LF	NO.150 LF	NO.151 LF	NO.152 LF	NO.153 LF	NO.154 LF	NO.155 LF	NO.156 LF	NO.157 LF	NO.158 LF	NO.159 LF	NO.160 LF	NO.161 LF	NO.162 LF	NO.163 LF	NO.164 LF	NO.165 LF	NO.166 LF	NO.167 LF	NO.168 LF	NO.169 LF	NO.170 LF	NO.171 LF	NO.172 LF	NO.173 LF	NO.174 LF	NO.175 LF	NO.176 LF	NO.177 LF	NO.178 LF	NO.179 LF	NO.180 LF	NO.181 LF	NO.182 LF	NO.183 LF	NO.184 LF	NO.185 LF	NO.186 LF	NO.187 LF	NO.188 LF	NO.189 LF	NO.190 LF	NO.191 LF	NO.192 LF	NO.193 LF	NO.194 LF	NO.195 LF	NO.196 LF	NO.197 LF	NO.198 LF	NO.199 LF	NO.200 LF	NO.201 LF	NO.202 LF	NO.203 LF	NO.204 LF	NO.205 LF	NO.206 LF	NO.207 LF	NO.208 LF	NO.209 LF	NO.210 LF	NO.211 LF	NO.212 LF	NO.213 LF	NO.214 LF	NO.215 LF	NO.216 LF	NO.217 LF	NO.218 LF	NO.219 LF	NO.220 LF	NO.221 LF	NO.222 LF	NO.223 LF	NO.224 LF	NO.225 LF	NO.226 LF	NO.227 LF	NO.228 LF	NO.229 LF	NO.230 LF	NO.231 LF	NO.232 LF	NO.233 LF	NO.234 LF	NO.235 LF	NO.236 LF	NO.237 LF	NO.238 LF	NO.239 LF	NO.240 LF	NO.241 LF	NO.242 LF	NO.243 LF	NO.244 LF	NO.245 LF	NO.246 LF	NO.247 LF	NO.248 LF	NO.249 LF	NO.250 LF	NO.251 LF	NO.252 LF	NO.253 LF	NO.254 LF	NO.255 LF	NO.256 LF	NO.257 LF	NO.258 LF	NO.259 LF	NO.260 LF	NO.261 LF	NO.262 LF	NO.263 LF	NO.264 LF	NO.265 LF	NO.266 LF	NO.267 LF	NO.268 LF	NO.269 LF	NO.270 LF	NO.271 LF	NO.272 LF	NO.273 LF	NO.274 LF	NO.275 LF	NO.276 LF	NO.277 LF	NO.278 LF	NO.279 LF	NO.280 LF	NO.281 LF	NO.282 LF	NO.283 LF	NO.284 LF	NO.285 LF	NO.286 LF	NO.287 LF	NO.288 LF	NO.289 LF	NO.290 LF	NO.291 LF	NO.292 LF	NO.293 LF	NO.294 LF	NO.295 LF	NO.296 LF	NO.297 LF	NO.298 LF	NO.299 LF	NO.300 LF	NO.301 LF	NO.302 LF	NO.303 LF	NO.304 LF	NO.305 LF	NO.306 LF	NO.307 LF	NO.308 LF	NO.309 LF	NO.310 LF	NO.311 LF	NO.312 LF	NO.313 LF	NO.314 LF	NO.315 LF	NO.316 LF	NO.317 LF	NO.318 LF	NO.319 LF	NO.320 LF	NO.321 LF	NO.322 LF	NO.323 LF	NO.324 LF	NO.325 LF	NO.326 LF	NO.327 LF	NO.328 LF	NO.329 LF	NO.330 LF	NO.331 LF	NO.332 LF	NO.333 LF	NO.334 LF	NO.335 LF	NO.336 LF	NO.337 LF	NO.338 LF	NO.339 LF	NO.340 LF	NO.341 LF	NO.342 LF	NO.343 LF	NO.344 LF	NO.345 LF	NO.346 LF	NO.347 LF	NO.348 LF	NO.349 LF	NO.350 LF	NO.351 LF	NO.352 LF	NO.353 LF	NO.354 LF	NO.355 LF	NO.356 LF	NO.357 LF	NO.358 LF	NO.359 LF	NO.360 LF	NO.361 LF	NO.362 LF	NO.363 LF	NO.364 LF	NO.365 LF	NO.366 LF	NO.367 LF	NO.368 LF	NO.369 LF	NO.370 LF	NO.371 LF	NO.372 LF	NO.373 LF	NO.374 LF	NO.375 LF	NO.376 LF	NO.377 LF	NO.378 LF	NO.379 LF	NO.380 LF	NO.381 LF	NO.382 LF	NO.383 LF	NO.384 LF	NO.385 LF	NO.386 LF	NO.387 LF	NO.388 LF	NO.389 LF	NO.390 LF	NO.391 LF	NO.392 LF	NO.393 LF	NO.394 LF	NO.395 LF	NO.396 LF	NO.397 LF	NO.398 LF	NO.399 LF	NO.400 LF	NO.401 LF	NO.402 LF	NO.403 LF	NO.404 LF	NO.405 LF	NO.406 LF	NO.407 LF	NO.408 LF	NO.409 LF	NO.410 LF	NO.411 LF	NO.412 LF	NO.413 LF	NO.414 LF	NO.415 LF	NO.416 LF	NO.417 LF	NO.418 LF	NO.419 LF	NO.420 LF	NO.421 LF	NO.422 LF	NO.423 LF	NO.424 LF	NO.425 LF	NO.426 LF	NO.427 LF	NO.428 LF	NO.429 LF	NO.430 LF	NO.431 LF	NO.432 LF	NO.433 LF	NO.434 LF	NO.435 LF	NO.436 LF	NO.437 LF	NO.438 LF	NO.439 LF	NO.440 LF	NO.441 LF	NO.442 LF	NO.443 LF	NO.444 LF	NO.445 LF	NO.446 LF	NO.447 LF	NO.448 LF	NO.449 LF	NO.450 LF	NO.451 LF	NO.452 LF	NO.453 LF	NO.454 LF	NO.455 LF	NO.456 LF	NO.457 LF	NO.458 LF	NO.459 LF	NO.460 LF	NO.461 LF	NO.462 LF	NO.463 LF	NO.464 LF	NO.465 LF	NO.466 LF	NO.467 LF	NO.468 LF	NO.469 LF	NO.470 LF	NO.471 LF	NO.472 LF	NO.473 LF	NO.474 LF	NO.475 LF	NO.476 LF	NO.477 LF	NO.478 LF	NO.479 LF	NO.480 LF	NO.481 LF	NO.482 LF	NO.483 LF	NO.484 LF	NO.485 LF	NO.486 LF	NO.487 LF	NO.488 LF	NO.489 LF	NO.490 LF	NO.491 LF	NO.492 LF	NO.493 LF	NO.494 LF	NO.495 LF	NO.496 LF	NO.497 LF	NO.498 LF	NO.499 LF	NO.500 LF	NO.501 LF	NO.502 LF	NO.503 LF	NO.504 LF	NO.505 LF	NO.506 LF	NO.507 LF	NO.508 LF	NO.509 LF	NO.510 LF	NO.511 LF	NO.512 LF	NO.513 LF	NO.514 LF	NO.515 LF	NO.516 LF	NO.517 LF	NO.518 LF	NO.519 LF	NO.520 LF	NO.521 LF	NO.522 LF	NO.523 LF	NO.524 LF	NO.525 LF	NO.526 LF	NO.527 LF	NO.528 LF	NO.529 LF	NO.530 LF	NO.531 LF	NO.532 LF	NO.533 LF	NO.534 LF	NO.535 LF	NO.536 LF	NO.537 LF	NO.538 LF	NO.539 LF	NO.540 LF	NO.541 LF	NO.542 LF	NO.543 LF	NO.544 LF	NO.545 LF	NO.546 LF	NO.547 LF	NO.548 LF	NO.549 LF	NO.550 LF	NO.551 LF	NO.552 LF	NO.553 LF	NO.554 LF	NO.555 LF	NO.556 LF	NO.557 LF	NO.558 LF	NO.559 LF	NO.560 LF	NO.561 LF	NO.562 LF	NO.563 LF	NO.564 LF	NO.565 LF	NO.566 LF	NO.567 LF	NO.568 LF	NO.569 LF	NO.570 LF	NO.571 LF	NO.572 LF	NO.573 LF	NO.574 LF	NO.575 LF	NO.576 LF	NO.577 LF	NO.578 LF	NO.579 LF	NO.580 LF	NO.581 LF	NO.582 LF	NO.583 LF	NO.584 LF	NO.585 LF	NO.586 LF	NO.587 LF	NO.588 LF	NO.589 LF	NO.590 LF	NO.591 LF	NO.592 LF	NO.593 LF	NO.594 LF	NO.595 LF	NO.596 LF	NO.597 LF	NO.598 LF	NO.599 LF	NO.600 LF	NO.601 LF	NO.602 LF	NO.603 LF	NO.604 LF	NO.605 LF	NO.606 LF	NO.607 LF	NO.608 LF	NO.609 LF	NO.610 LF	NO.611 LF	NO.612 LF	NO.613 LF	NO.614 LF	NO.615 LF	NO.616 LF	NO.617 LF	NO.618 LF	NO.619 LF	NO.620 LF	NO.621 LF	NO.622 LF	NO.623 LF	NO.624 LF	NO.625 LF	NO.626 LF	NO.627 LF	NO.628 LF	NO.629 LF	NO.630 LF	NO.631 LF	NO.632 LF	NO.633 LF	NO.634 LF	NO.635 LF	NO.636 LF	NO.637 LF	NO.638 LF	NO.639 LF	NO.640 LF	NO.641 LF	NO.642 LF	NO.643 LF	NO.644 LF	NO.645 LF	NO.646 LF	NO.647 LF	NO.648 LF	NO.649 LF	NO.650 LF	NO.651 LF	NO.652 LF	NO.653 LF	NO.654 LF	NO.655 LF	NO.656 LF	NO.657 LF	NO.658 LF	NO.659 LF	NO.660 LF	NO.661 LF	NO.662 LF	NO.663 LF	NO.664 LF	NO.665 LF	NO.666 LF	NO.667 LF	NO.668 LF	NO.669 LF	NO.670 LF	NO.671 LF	NO.672 LF	NO.673 LF	NO.674 LF	NO.675 LF	NO.676 LF	NO.677 LF	NO.678 LF	NO.679 LF	NO.680 LF	NO.681 LF	NO.682 LF	NO.683 LF	NO.684 LF	NO.685 LF	NO.686 LF	NO.687 LF	NO.688 LF	NO.689 LF	NO.690 LF	NO.691 LF	NO.692 LF	NO.693 LF	NO.694 LF	NO.695 LF	NO.696 LF	NO.697 LF	NO.698 LF	NO.699 LF	NO.700 LF	NO.701 LF	NO.702 LF	NO.703 LF	NO.704 LF	NO.705 LF	NO.706 LF	NO.707 LF	NO.708 LF	NO.709 LF	NO.710 LF	NO.711 LF	NO.712 LF	NO.713 LF	NO.714 LF	NO.715 LF	NO.716 LF	NO.717 LF	NO.718 LF	NO.719 LF	NO.720 LF	NO.721 LF	NO.722 LF	NO.723 LF	NO.724 LF	NO.725 LF	NO.726 LF	NO.727 LF	NO.728 LF	NO.729 LF	NO.730 LF	NO.731 LF	NO.732 LF	NO.733 LF	NO.734 LF	NO.735 LF	NO.736 LF	NO.737 LF	NO.738 LF	NO.739 LF	NO.740 LF	NO.741 LF	NO.742 LF	NO.743 LF	NO.744 LF	NO.745 LF	NO.746 LF	NO.747 LF	NO.748 LF	NO.749 LF	NO.750 LF	NO.751 LF	NO.752 LF	NO.753 LF	NO.754 LF	NO.755 LF	NO.756 LF	NO.757 LF	NO.758 LF	NO.759 LF	NO.760 LF	NO.761 LF	NO.762 LF	NO.763 LF	NO.764 LF	NO.765 LF	NO.766 LF	NO.767 LF	NO.768 LF	NO.769 LF	NO.770 LF	NO.771 LF	NO.772 LF	NO.773 LF	NO.774 LF	NO.775 LF	NO.776 LF	NO.777 LF	NO.778 LF	NO.779 LF	NO.780 LF	NO.781 LF	NO.782 LF	NO.783 LF	NO.784 LF	NO.785 LF	NO.786 LF	NO.787 LF	NO.788 LF	NO.789 LF	NO.790 LF	NO.791 LF	NO.792 LF	NO.793 LF	NO.794 LF	NO.795 LF	NO.796 LF	NO.797 LF	NO.798 LF	NO.799 LF	NO.800 LF	NO.801 LF	NO.802 LF	NO.803 LF	NO.804 LF	NO.805 LF	NO.806 LF	NO.807 LF	NO.808 LF	NO.809 LF	NO.810 LF	NO.811 LF	NO.812 LF	NO.813 LF	NO.814 LF	NO.815 LF	NO.816 LF	NO.817 LF	NO.818 LF	NO.819 LF	NO.820 LF	NO.821 LF	NO.822 LF	NO.823 LF	NO.824 LF	NO.825 LF	NO.826 LF	NO.827 LF	NO.828 LF	NO.829 LF	NO.830 LF	NO.831 LF	NO.832 LF	NO.833 LF	NO.834 LF	NO.835 LF	NO.836 LF	NO.837 LF	NO.838 LF	NO.839 LF	NO.840 LF	NO.841 LF	NO.842 LF	NO.843 LF	NO.844 LF	NO.845 LF	NO.846 LF	NO.847 LF	NO.848 LF	NO.849 LF	NO.850 LF	NO.851 LF	NO.852 LF	NO.853 LF	NO.854 LF	NO.855 LF	NO.856 LF	NO.857 LF	NO.858 LF	NO.859 LF	NO.860 LF	NO.861 LF	NO.862 LF	NO.863 LF	NO.864 LF	NO.865 LF	NO.866 LF	NO.867 LF	NO.868 LF	NO.869 LF	NO.870 LF	NO.871 LF	NO.872 LF	NO.873 LF	NO.874 LF	NO.875 LF	NO.876 LF	NO.877 LF	NO.878 LF	NO.879 LF	NO.880 LF	NO.881 LF	NO.882 LF	NO.883 LF	NO.884 LF	NO.885 LF	NO.886 LF	NO.887 LF	NO.888 LF	NO.889 LF	NO.890 LF	NO.891 LF	NO.892 LF	NO.893 LF	NO.894 LF	NO.895 LF	NO.896 LF	NO.897 LF	NO.898 LF	NO.899 LF	NO.900 LF	NO.901 LF	NO.902 LF	NO.903 LF	NO.904 LF	NO.905 LF	NO.906 LF	NO.907 LF	NO.908 LF	NO.909 LF	NO.910 LF	NO.911 LF	NO.912 LF	NO.913 LF

ROUND PIPE POST AND FOOTING DATA TABLE						
NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4' - 3¾"	12"	4'-6"	0.13
4	10.79	0.90	5' - 3¾"	18"	5'-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE													
POST DES. NO.		POST		STUB LENGTH	FOOTING								
		WEIGHT			DIA.	LEVEL GROUND		6:1 GRADE		4:1 GRADE		3:1 OR 2:1 GRADE	
		LBS/FT	LBS/IN			DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.51	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65



DATE PREPARED	
8/1/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	316
COUNTY	
LAFAYETTE / JOHNSON	
JOB NO.	
J4P2333	
CONTRACT ID.	
PROJECT NO.	

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

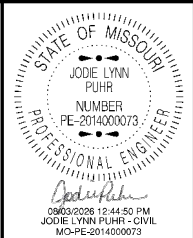
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

[illegible]

**FOR PSST WITHOUT BREAKAWAY DEVICES, POST LENGTH SHALL INCLUDE AN ADDITIONAL 6" FOR INSERTION INTO ANCHOR;
FOR SURFACED MOUNTED PSST ON ISLANDS, NO ANCHOR IS USED, JUST A SURFACE MOUNT BREAKAWAY ASSEMBLY.

ROUND PIPE POST AND FOOTING DATA TABLE						
NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE C.Y.
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	
2½	5.79	0.48	4'- 3/4"	12"	4-6"	0.13
4	10.79	0.90	5'- 3/4"	18"	5-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE														
POST DES. NO.		NOM. SIZE	POST		STUB LENGTH	DIA.	FOOTING							
			LBS/FT	LBS/IN			LEVEL	GROUND	6:1 GRADE		4:1 GRADE		3:1 OR 2:1 GRADE	
1	W6	9.0	0.75	3'-0"	15"	3'-0"	C.14	DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.	
2	W6	15.0	1.25	4'-0"	24"	4'-0"	C.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17	
3	W8	18.0	1.50	4'-6"	28"	4'-6"	C.14	4'-0"	0.47	4'-3"	0.51	4'-6"	0.54	
4	W10	22.0	1.83	5'-0"	36"	5'-0"	C.14	4'-8"	0.73	4'-9"	0.79	5'-0"	0.78	
5	W10	26.0	2.17	5'-0"	36"	5'-0"	C.13	5'-2"	1.36	5'-3"	1.34	5'-6"	1.45	
6	W12	35.0	2.92	5'-6"	36"	5'-6"	C.14	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65	



DATE PREPARED

8 / 1 / 2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO
KC	317

COUNTY
LAFAYETTE / JOHNSON

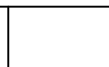
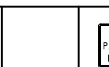
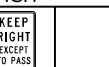
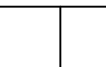
JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

STANDARD SIGN ASSEMBLIES																			
SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH																			
SIGN NO.	STATION/ LOG MILE	LOCATION																	
			SHF W6-3 36X36	SH SCHOOL BUS STOP 48X48	SH ALL LANES 48X12	SH R4-29 36X36	ST ALT. PASSING LANE 84X36	STF W6-17 72X48	SHF W9-1L 36X36	SHF W16-39 30x24	SHF W4-2L 36X36	SH D17-3 42X48	SHF W1-8 36X48	SHF W1-2R 36X36	SHF W13-1P 24X24	SH R4-16 36X48			
1	349+56.11	RTE 13 LT	1																
2	355+89.21	RTE 13 RT		1	1														
3	362+81.96	RTE 13 LT				1													
4	362+81.95	RTE 13 RT					1												
5	377+12.08	RTE 13 RT	RELOCATE																
6	383+26.00	RTE 13 RT						1											
7	395+36.37	RTE 13 LT	RELOCATE																
8	395+28.26	RTE 13 RT	RELOCATE																
9	396+03.13	RTE 13 RT	RELOCATE																
10	416+49.26	RTE 13 LT						1	1										
11	416+49.26	RTE 13 RT						1	1										
12	420+49.23	RTE 13 LT								1									
13	420+49.23	RTE 13 RT								1									
14	429+88.33	RTE 13 RT		1	1														
15	439+34.63	RTE 13 LT		1	1														
16	440+99.45	RTE 13 RT	RELOCATE																
17	443+15.18	RTE 13 LT	RELOCATE																
130	443+99.21	RTE 13 RT									1								
18	464+99.35	RTE 13 RT										1							
19	466+09.15	RTE 13 RT										1							
20	467+23.11	RTE 13 RT										1							
21	468+36.60	RTE 13 RT										1							
22	469+50.41	RTE 13 RT										1							
23	476+00.77	RTE 13 LT											1	1					
24	489+11.29	RTE 13 LT										1							
25	490+23.85	RTE 13 LT										1							
26	491+41.63	RTE 13 LT										1							
27	499+33.05	RTE 13 LT	RELOCATE																
28	501+85.51	RTE 13 LT	RELOCATE																
29	0+11.52	RTE 13 LT	RELOCATE																
30	0+27.62	RTE 13 RT	RELOCATE																
31	0+37.77	RTE 13 RT	RELOCATE																
32	0+52.99	RTE 13 RT	RELOCATE																
33	0+60.00	RTE 13 RT	RELOCATE																
34	1+16.47	RTE 13 LT	RELOCATE																
35	1+73.74	RTE 13 RT	RELOCATE																
36	5+91.13	RTE 13 LT									1								
37	13+48.67	RTE 13 LT	RELOCATE																
38	26+25.05	RTE 13 LT	RELOCATE																
39	26+79.06	RTE 13 RT	RELOCATE																
40	33+88.19	RTE 13 RT		1	1														
41	34+21.81	RTE 13 LT								1									
42	34+21.81	RTE 13 RT								1									
43	38+21.81	RTE 13 LT							1	1									
44	38+21.81	RTE 13 RT							1	1									
45	48+20.16	RTE 13 LT					1												
46	66+80.62	RTE 13 RT	RELOCATE																
47	71+72.08	RTE 13 LT		1	1														
48	79+03.52	RTE 13 LT	RELOCATE																
49	79+61.77	RTE 13 RT	RELOCATE																
50	80+19.06	RTE 13 RT	RELOCATE																
51	80+49.39	RTE 13 LT														1			
52	106+69.89	RTE 13 RT	RELOCATE																
53	113+55.70	RTE 13 LT	RELOCATE																
54	118+43.85	RTE 13 RT														1			
55	122+66.58	RTE 13 RT						1											
56	127+89.88	RTE 13 LT	RELOCATE																
57	127+89.88	RTE 13 LT	RELOCATE																
58	137+14.21	RTE 13 LT	RELOCATE																
59	139+61.15	RTE 13 RT		1	1														
		TOTALS	1	6	6	1	1	3	4	4	4	2	8	1	1	2			

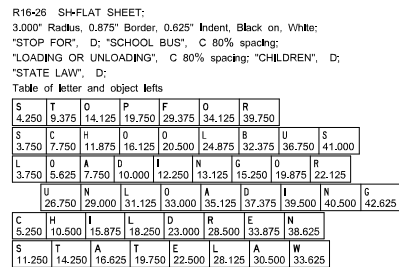
[illegible]

STANDARD SIGN ASSEMBLIES																	
SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH																	
SIGN NO.	STATION/ LOG MILE	LOCATION															
			SHF W9-1L 36X36	SHF W16-39 30X24	SH D17-3 42X48			SH SCHOOL BUS STOP 48X48	SH ALL LANES 48X12	SHF W4-2L 36X36		STF W6-17 72X48	SH R4-16 36X48				
60	147+53.35	RTE 13 LT	1	1													
61	147+53.35	RTE 13 LT	1	1													
62	167+64.74	RTE 13 RT	RELOCATE														
63	167+64.74	RTE 13 RT	RELOCATE														
64	176+00.71	RTE 13 LT			1												
65	176+08.13	RTE 13 RT				1	1										
66	200+55.73	RTE 13 RT	RELOCATE														
67	202+79.06	RTE 13 LT	RELOCATE														
68	206+23.01	RTE 13 LT	RELOCATE														
69	207+01.48	RT 13 LT	RELOCATE														
70	207+67.52	RTE 13 LT	RELOCATE														
71	207+74.50	RTE 13 LT	RELOCATE														
72	211+03.15	RTE 13 LT	RELOCATE														
73	218+46.32	RTE 13 LT	RELOCATE														
74	247+31.32	RTE 13 RT				1	1										
75	249+35.61	RTE 13 LT			1												
76	259+53.63	RTE 13 LT	RELOCATE														
77	259+97.38	RTE 13 LT	RELOCATE														
78	267+27.94	RTE 13 LT	RELOCATE														
79	274+54.73	RTE 13 RT	RELOCATE														
80	281+30.33	RTE 13 LT				1	1										
81	285+33.28	RTE 13 RT	RELOCATE														
82	287+17.33	RTE 13 LT						1									
83	287+29.32	RTE 13 RT						1									
84	291+25.60	RTE 13 LT	1	1													
85	291+25.60	RTE 13 RT	1	1													
86	298+93.14	RTE 13 LT							1								
87	300+52.13	RT 13 RT	RELOCATE														
88	309+35.53	RTE 13 LT	RELOCATE														
89	313+40.29	RTE 13 LT	RELOCATE														
90	317+72.95	RTE 13 LT								1							
91	322+12.81	RTE 13 LT	RELOCATE														
92	323+80.57	RTE 13 LT									1						
93	323+80.57	RTE 13 RT										1					
94	329+64.92	RTE 13 LT	RELOCATE														
95	331+94.18	RTE 13 LT	RELOCATE														
96	333+50.33	RTE 13 RT	RELOCATE														
97	339+76.58	RTE 13 LT	RELOCATE														
98	342+13.36	RTE 13 LT	RELOCATE														
99	349+17.53	RTE 13 RT	RELOCATE														
100	351+00.28	RTE 13 RT	RELOCATE														
101	352+86.88	RTE 13 RT				1	1										
102	360+24.37	RTE 13 RT	RELOCATE														
103	360+48.25	RTE 13 RT	RELOCATE														
104	366+35.04	RTE 13 LT	RELOCATE														
105	368+76.87	RTE 13 LT	RELOCATE														
106	368+85.66	RTE 13 RT	RELOCATE														
107	375+04.15	RTE 13 LT	RELOCATE														
108	380+60.88	RTE 13 RT											1				
109	383+07.85	RTE 13 RT	RELOCATE														
110	385+43.13	RTE 13 LT	RELOCATE														
111	386+11.94	RTE 13 RT	RELOCATE														
112	387+02.99	RTE 13 RT	RELOCATE														
113	389+00.01	RTE 13 LT				1	1										
114	392+64.14	RTE 13 RT	RELOCATE														
115	392+07.81	RTE 13 LT	RELOCATE														
116	392+73.11	RTE 13 LT	RELOCATE														
117	392+84.29	RTE 13 LT	RELOCATE														
118	393+46.15	RTE 13 LT	RELOCATE														
119	393+71.19	RTE 13 RT	RELOCATE														
		TOTALS	4	4	2	5	5	2	1	1	1	1	1				

[illegible]

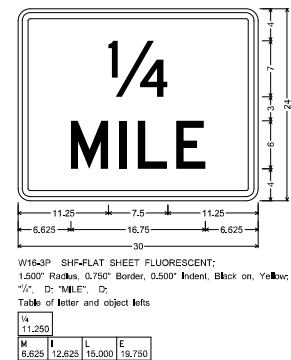
*ORANGE, YELLOW AND YELLOW-GREEN

STATE OF MISSOURI JODIE LYNN PUHR NUMBER PE-2014000073 DATE PREPARED 8/1/2026					
ROUTE 13		STATE MO			
DISTRICT KC		SHEET NO. 319			
COUNTY LAFAYETTE / JOHNSON					
JOB NO. J4P2333					
CONTRACT ID.					
PROJECT NO.					
BRIDGE NO.					
DESCRIPTION					
DATE					
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION		105 WEST CAPITAL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)			



W16-26P SHF-FLAT SHEET FLUORESCENT;
1.500" Radius, 0.625" Border, 0.375" Indent, Black on, Yellow;
"ALL LANES", D;
Table of letter and object lefts

A	L	L	L	A	N	E	S
3.500	9.125	13.500	22.125	25.750	31.375	36.375	40.750



SIGN NO.	2	SIGN NO.	65
STATION	355+89.21	STATION	176+08.13
ROADWAY	ROUTE 13	ROADWAY	ROUTE 13

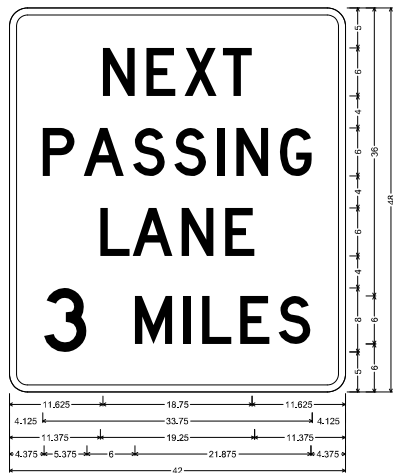
SIGN NO.	14	SIGN NO.	74
STATION	429+88.33	STATION	247+31.32
ROADWAY	ROUTE 13	ROADWAY	ROUTE 13

SIGN NO.	15	SIGN NO.	80
STATION	439+34.63	STATION	281+30.33
ROADWAY	ROUTE 13	ROADWAY	ROUTE 13

SIGN NO.	40	SIGN NO.	101
STATION	33+88.19	STATION	352+86.88
ROADWAY	ROUTE 13	ROADWAY	ROUTE 13

SIGN NO.	47	SIGN NO.	113
STATION	71+72.08	STATION	389+00.01
ROADWAY	ROUTE 13	ROADWAY	ROUTE 13

SIGN NO.	59		
STATION	139+61.15		
ROADWAY	ROUTE 13		



SIGN NO.	130
STATION	443+99.21
ROADWAY	ROUTE 13

SIGN NO.	64
STATION	176+00.71
ROADWAY	ROUTE 13

SIGN NO.	36
STATION	5+91.13
ROADWAY	ROUTE 13

SIGN NO.	75
STATION	249+35.61
ROADWAY	ROUTE 13

D17-3 SHIF-LAT SHEET:
2.250" Radius, 0.875" Border, White on Green;
"NEXT," D; "PASSING," D; "LANE," D; "3," D; "MILES," D;
Table of letter and object lists

N	E	K	T
1,625	17,125	21,875	26,625

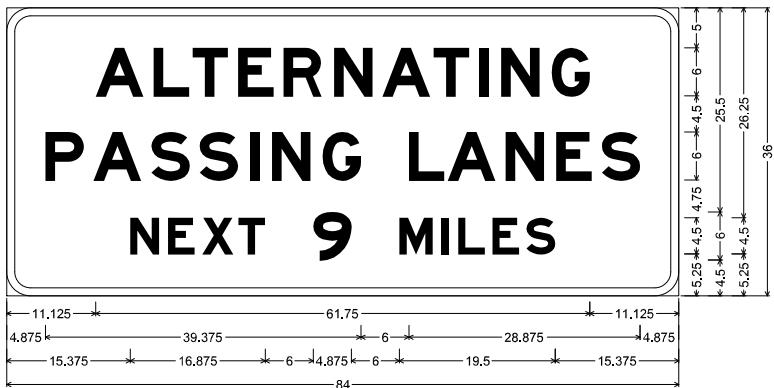
P	A	S	I	N	C
4,125	9,250	19,500	20,525	26,000	33,875

L	A	N	E
11,375	15,375	21,500	27,000

J	M	I	E	S
4,375	15,750	21,750	24,125	28,875
				33,625

SIGN NO.	4
STATION	362+81.95
ROADWAY	ROUTE 13

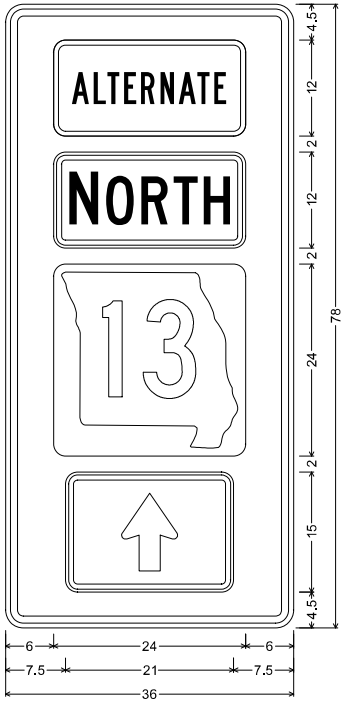
SIGN NO.	92
STATION	323+80.57
ROADWAY	ROUTE 13



SPECIAL ST-STRUCTURAL:
 3,000" Radius, 1,000" Border, White on, Green:
 "ALTERNATING", E Mod: "PASSING LANES", E Mod: "NEXT 9 MILES", E Mod:
 Table of letter and object lefts

A	11,125	L	18,375	T	23,250	E	28,875	R	34,625	N	40,475	A	47,000	S	53,375	I	59,000	N	61,750	G	68,125
P	4,875	A	10,875	S	18,125	S	24,125	I	30,375	N	33,125	G	39,500	L	50,250	A	55,125	N	62,375	E	68,750
N	15,375	E	20,125	X	24,500	T	29,000	9	38,250	A	49,125	I	54,375	L	56,500	E	60,750	S	65,000		

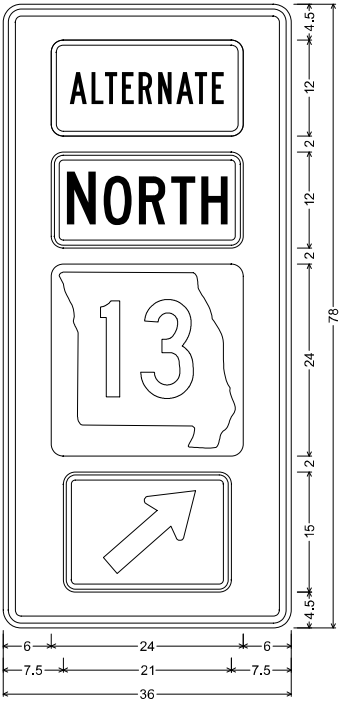
SIGN NO.	50A
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6,000
	6,000
	6,000
	7,500

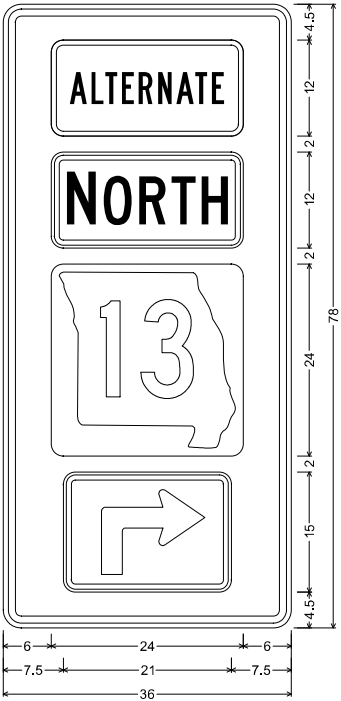
SIGN NO.	50B
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6,000
	6,000
	6,000
	7,500

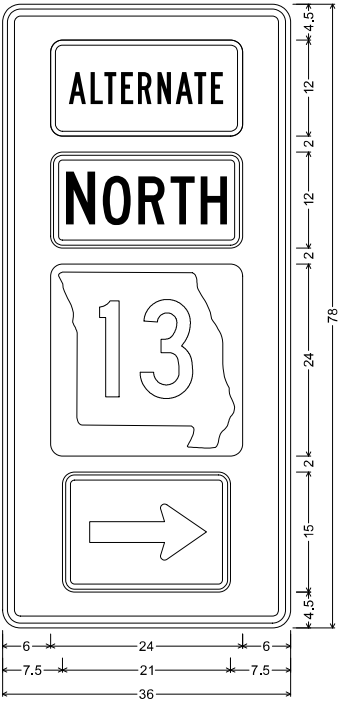
SIGN NO.	50C
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

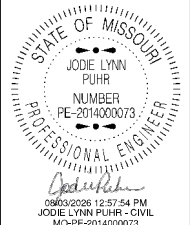
	6,000
	6,000
	6,000
	7,500

SIGN NO.	50D
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6,000
	6,000
	6,000
	7,500



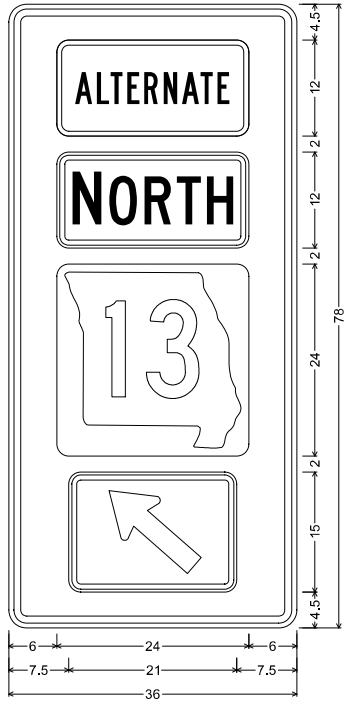
DATE PREPARED	
8/1/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	322
COUNTY	
LAFAYETTE / JOHNSON	
JOB NO.	
J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

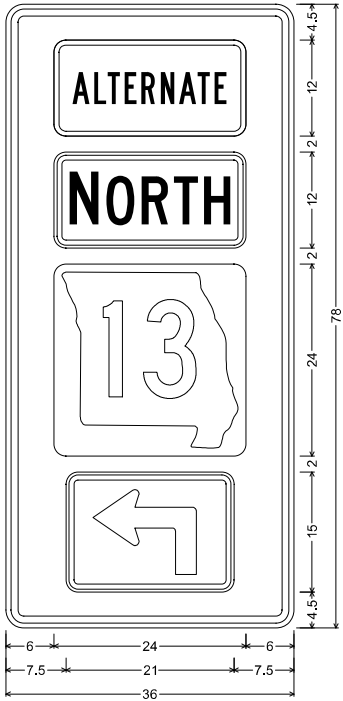
SIGN NO.	50E
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6,000
	6,000
	6,000
	7,500

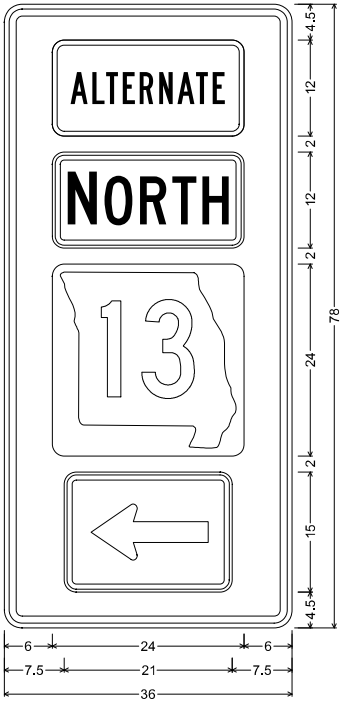
SIGN NO.	50F
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

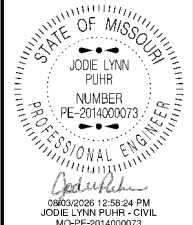
	6,000
	6,000
	6,000
	7,500

SIGN NO.	50G
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6,000
	6,000
	6,000
	7,500



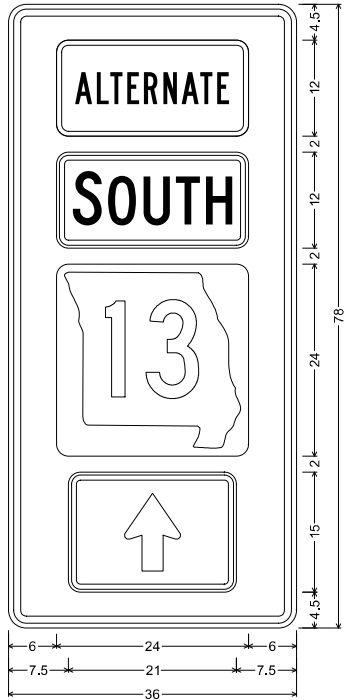
DATE PREPARED 8/1/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 323
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

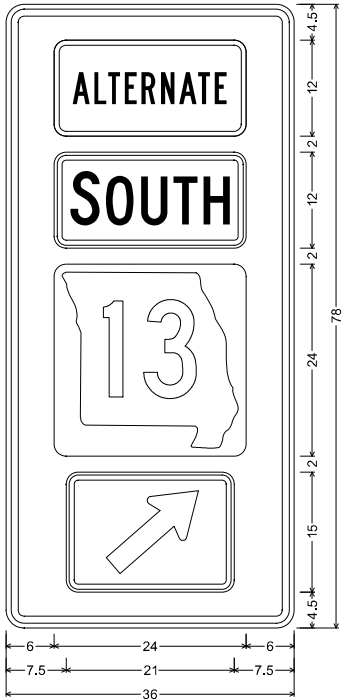
SIGN NO.	50H
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6,000
	6,000
	6,000
	7,500

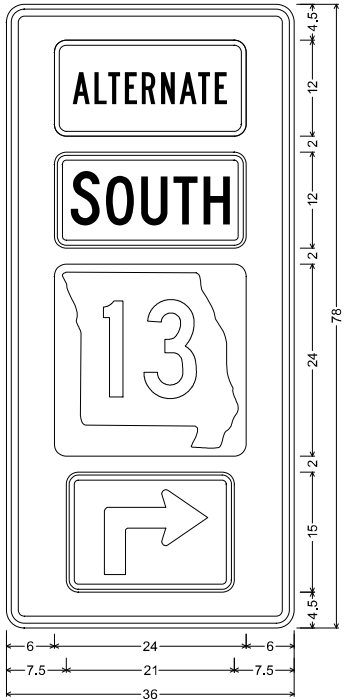
SIGN NO.	50J
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6,000
	6,000
	6,000
	7,500

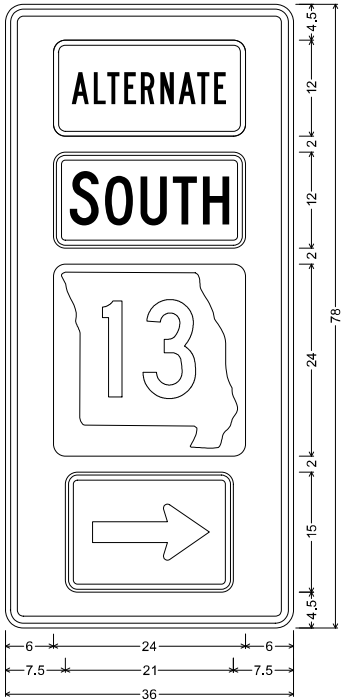
SIGN NO.	50K
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

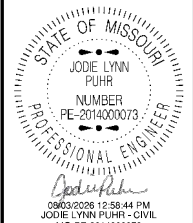
	6,000
	6,000
	6,000
	7,500

SIGN NO.	50L
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

	6,000
	6,000
	6,000
	7,500



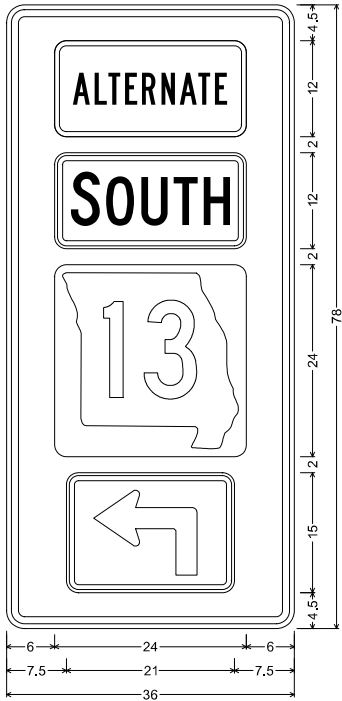
DATE PREPARED 8/1/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 324
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

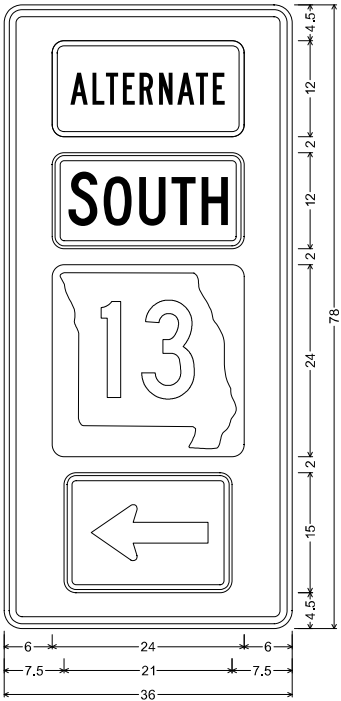
SIGN NO.	50M
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
 2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
 Table of letter and object lefts

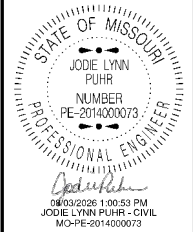
	6,000
	6,000
	6,000
	7,500

SIGN NO.	50N
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
 2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
 Table of letter and object lefts

	6,000
	6,000
	6,000
	7,500



DATE PREPARED 8/1/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 325
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Diagram of a rectangular traffic sign with a white background and a black border. The sign contains a "NORTH" shield, a map of Missouri with the number "13", and the text "CLOSED 7 MILES AHEAD". Dimensions are provided for the sign's overall size and the placement of its elements.

Sign Content:

- Top Left:** "NORTH" shield.
- Bottom Left:** Map of Missouri with the number "13".
- Center:** "CLOSED 7 MILES AHEAD" in large, bold, black capital letters.

Dimensions (in inches):

- Overall Width:** 96
- Overall Height:** 48
- Shield Width:** 12
- Map Width:** 24
- Text Width:** 34.75
- Shield Height:** 12
- Map Height:** 24
- Text Height:** 13.25
- Shield to Map Vertical Spacing:** 4.75
- Map to Text Vertical Spacing:** 6
- Text to Bottom Vertical Spacing:** 12.25
- Shield to Text Vertical Spacing:** 30.75
- Map to Bottom Vertical Spacing:** 15.25

	C	L	O	S	E	D
12.000	48.000	54.000	59.750	66.000	72.250	78.000
	7	M	I	L	E	S
12.000	47.000	57.750	64.875	67.625	73.250	79.000
A	H	E	A	D		
50.000	57.125	63.500	68.750	76.000		

[illegible]

	C	L	O	S	E	D
12.000	48.000	54.000	59.750	66.000	72.250	78.000
	8	M	I	L	E	S
12.000	47.000	57.750	64.875	67.625	73.250	79.000
A	H	E	A	D		
50.000	57.125	63.500	68.750	76.000		

SOUTH

CLOSED

4 MILES

AHEAD

12 24 12 34.75 13.25

46.625 5.5 6 26 11.875

50 30.75 15.25

96 48

C	L	O	S	E	D	
12,000	48,000	54,000	59,750	66,000	72,250	78,000
4	M	I	L	E	S	
12,000	46.625	58.125	65.250	68,000	73.625	79.375
A	H	E	A	D		
50,000	57.125	63.500	68.750	76,000		

SOUTH

CLOSED

3 MILES

AHEAD

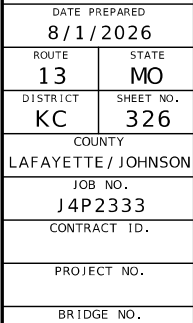
12 24 12 34.75 13.25

47 4.75 6 26 12.25

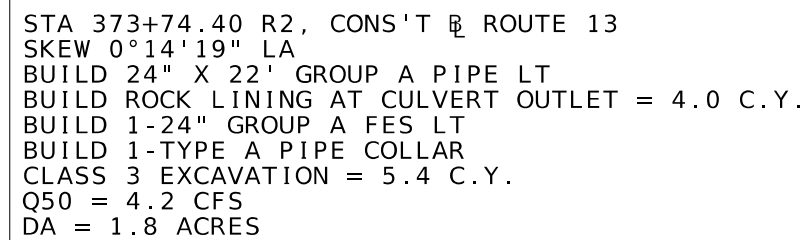
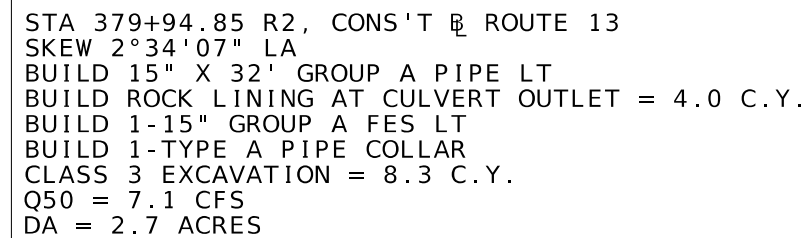
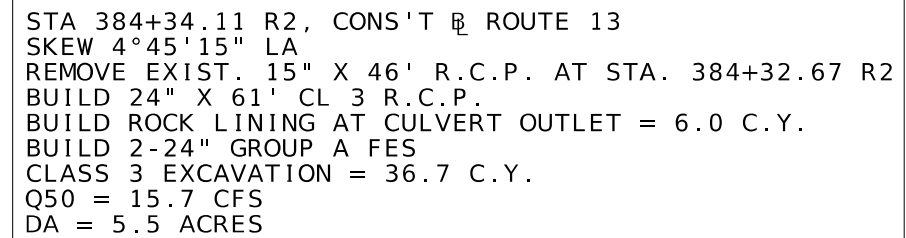
50 30.75 15.25

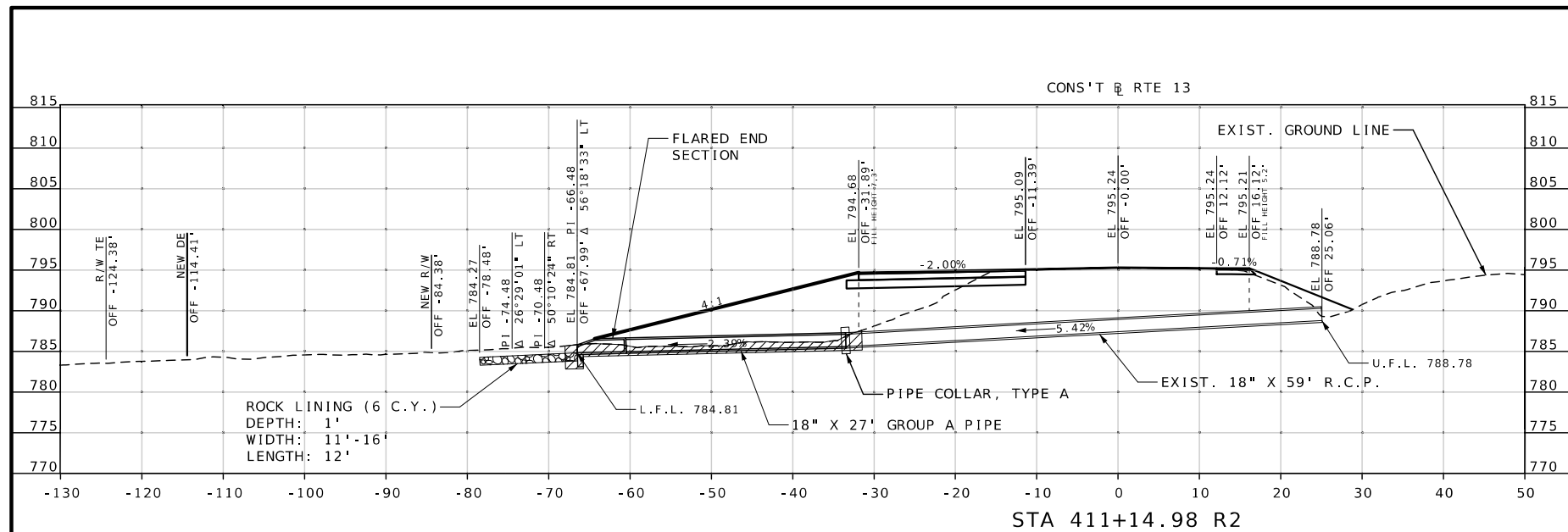
48 45 45 48

C 12,000	L 48,000	O 54,000	S 59,750	E 66,000	D 72,250	78,000
3 12,000	M 47,000	I 57,750	L 64,875	E 67,625	S 73,250	79,000
A 50,000	H 57,125	E 63,500	A 68,750	D 76,000		

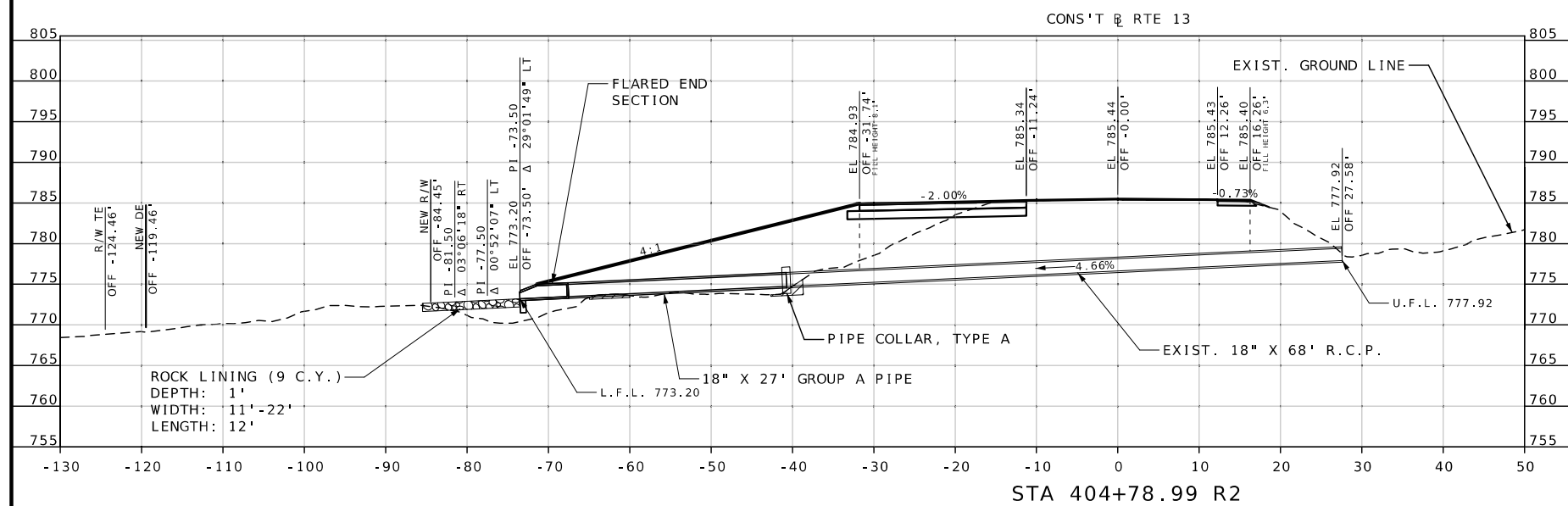
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

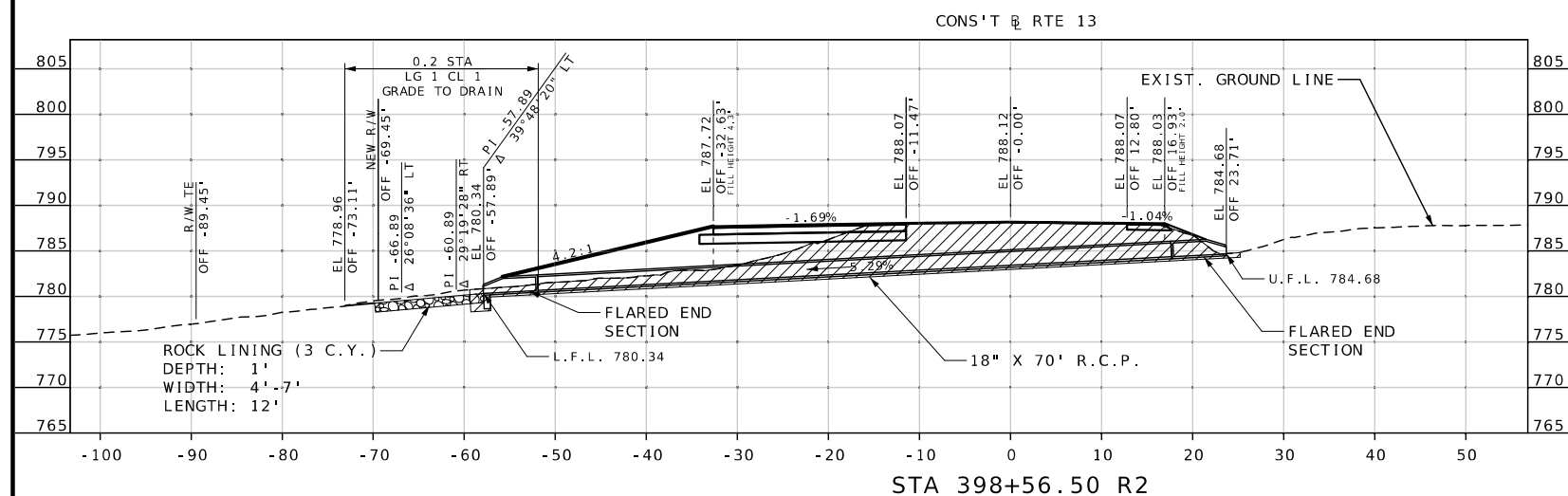




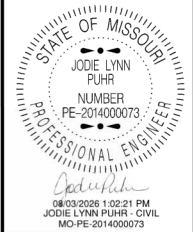
```
STA 411+14.98 R2, CONST T @ ROUTE 13
SKEW 1°19'29" LA
BUILD 18" X 27' GROUP A PIPE LT
BUILD ROCK LINING AT CULVERT OUTLET = 6.0 C.Y.
BUILD 1-18" GROUP A FES LT
BUILD 1-TYPE A PIPE COLLAR
CLASS 3 EXCAVATION = 6.9 C.Y.
Q50 = 8.1 CFS
DA = 3.0 ACRES
```



```
STA 404+78.99 R2, CONST' T @ ROUTE 13
SKEW 0°20'40" LA
BUILD 18" X 27' GROUP A PIPE LT
BUILD ROCK LINING AT CULVERT OUTLET = 9.0 C.Y.
BUILD 1-18" GROUP A FES LT
BUILD 1-TYPE A PIPE COLLAR
CLASS 3 EXCAVATION = 0.8 C.Y.
Q50 = 24.9 CFS
DA = 6.0 ACRES
```

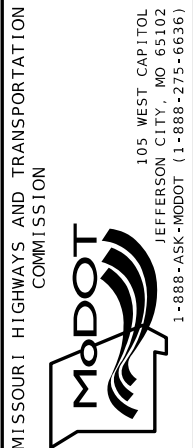


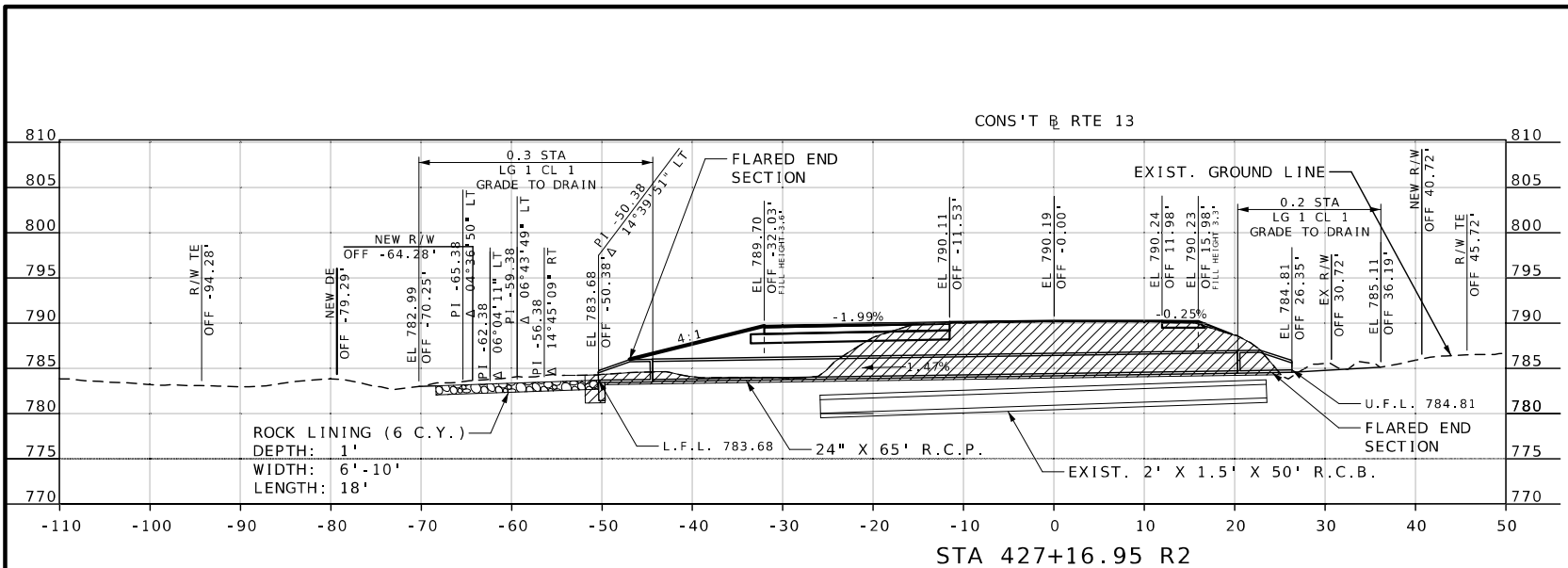
STA 398+56.50 R2, CONST'T @ ROUTE 13
SKEW 14°28'25" LA
REMOVE EXIST. 15" X 52' R.C.P. AT STA. 398+50.47 R2
BUILD 18" X 70' R.C.P.
BUILD ROCK LINING AT CULVERT OUTLET = 3.0 C.Y.
BUILD 2-18" GROUP A FES
CLASS 3 EXCAVATION = 39.7 C.Y.
Q50 = 9.8 CFS
DA = 1.8 ACRES



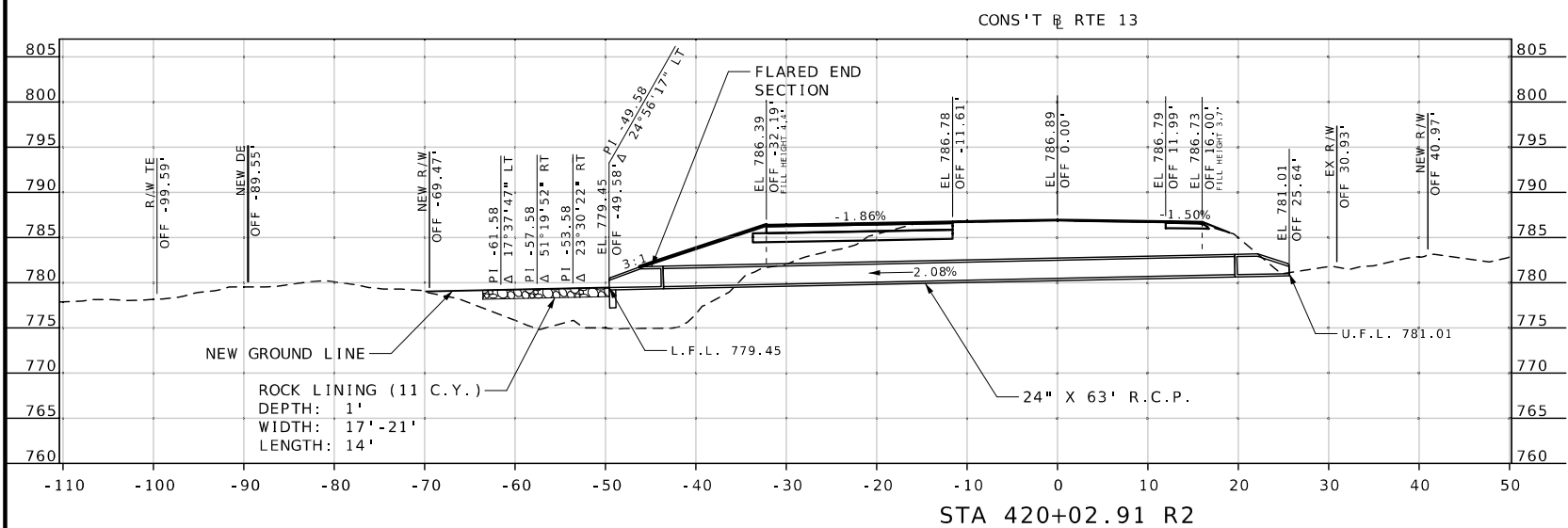
DATE PREPARED	
7/31/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	329
COUNTY	
LAFAYETTE / JOHNSON	
JOB NO.	
J4P2333	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

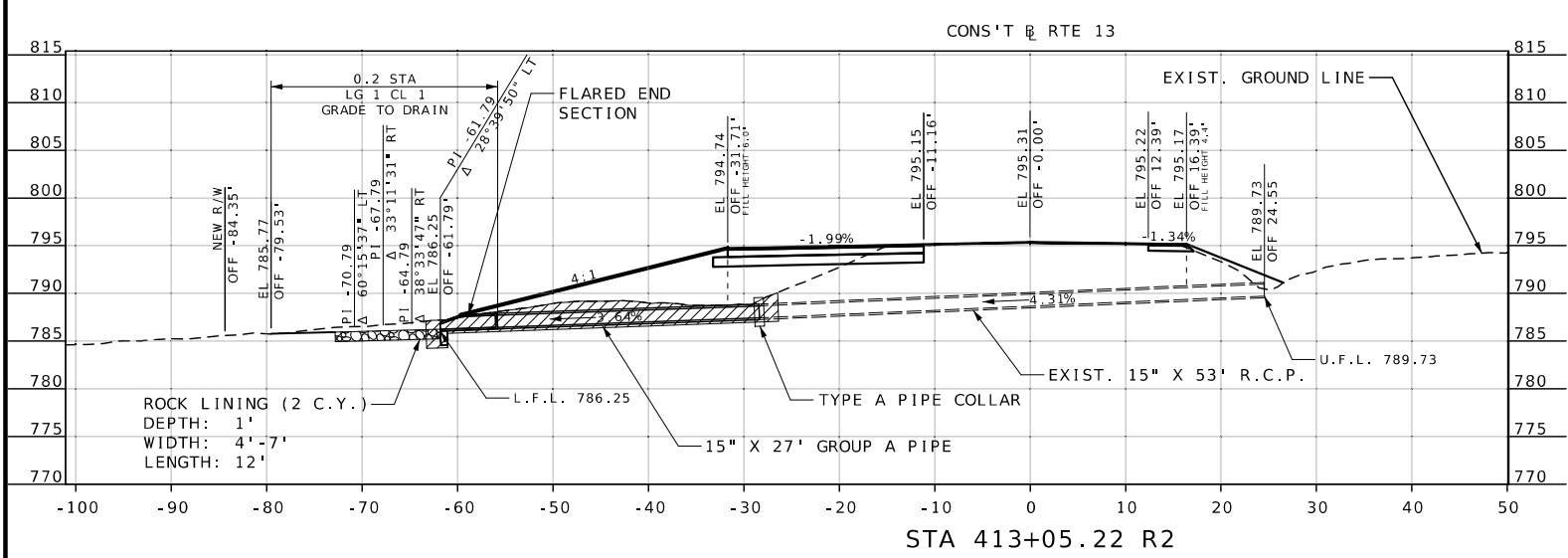
[illegible]



STA 427+16.95 R2, CONS'T @ ROUTE 13
SKEW 0°56'00" LA
REMOVE EXIST. 2' X 1.5' X 50' R.C.B.
BUILD 24" X 65' R.C.P.
BUILD ROCK LINING AT CULVERT OUTLET = 6.0 C.Y.
BUILD 2-24" GROUP A FES
CLASS 3 EXCAVATION = 50.9 C.Y.
Q50 = 13.1 CFS
DA = 4.1 ACRES



STA 420+02.91 R2, CONS'T @ ROUTE 13
SKEW 0°14'58" LA
REMOVE EXIST. 24" X 62' R.C.P. AT STA. 420+00.84 R2
BUILD 24" X 63' R.C.P.
BUILD ROCK LINING AT CULVERT OUTLET = 11.0 C.Y.
BUILD 2-24" GROUP A FES
CLASS 3 EXCAVATION = 56.6 C.Y.
Q50 = 41.8 CFS
DA = 24.5 ACRES



STA 413+05.22 R2, CONS'T @ ROUTE 13
SKEW 4°40'54" RA
BUILD 15" X 27' GROUP A PIPE LT
BUILD ROCK LINING AT CULVERT OUTLET = 2.0 C.Y.
BUILD 1-15" GROUP A FES LT
BUILD 1-TYPE A PIPE COLLAR
CLASS 3 EXCAVATION = 11.4 C.Y.
Q50 = 5.1 CFS
DA = 1.7 ACRES

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

330

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

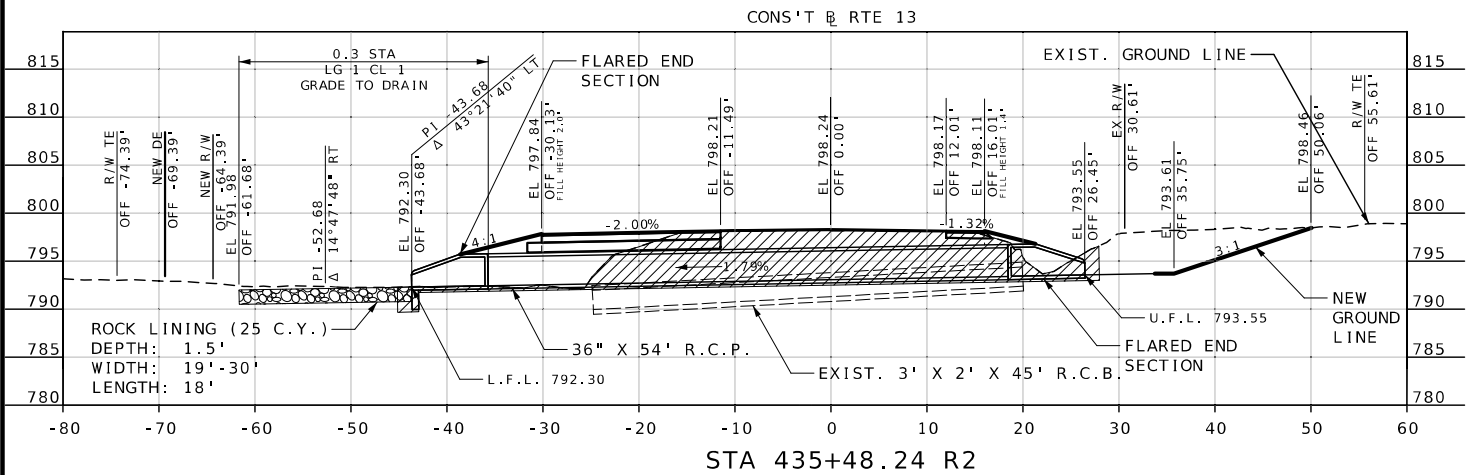
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

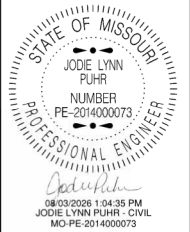
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



STA 435+48.24 R2, CONS'T @ ROUTE 13
SKEW 0°32'40" LA
REMOVE EXIST. 3' X 2' X 45' R.C.B.
BUILD 36" X 54' R.C.P.
BUILD ROCK LINING AT CULVERT OUTLET = 25.0 C.Y.
BUILD 2-36" GROUP A FES
CLASS 3 EXCAVATION = 56.3 C.Y.
Q50 = 49.5 CFS
DA = 9.9 ACRES



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 331
COUNTY LAFAYETTE/ JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

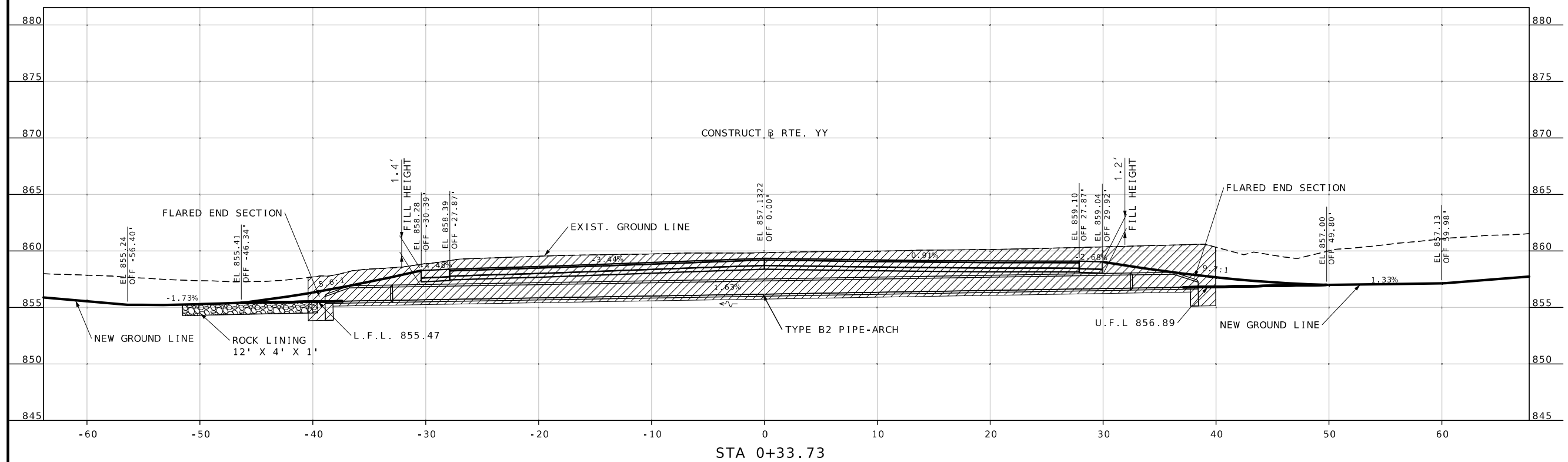


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

ROCK LINING AT
CULVERT OUTLET

CLASS 3 EXCAVATION

STA. 0+33.73, CONS'T @ ROUTE YY
SKEW 0°
BUILD 23" X 14" X 66.4' CLASS IV REINF. CONC. ELLIPTICAL PIPE
BUILD 2-23" X 14" CONC. ELLIPTICAL F.E.S.
ROCK LINING AT CULVERT OUTLET = 2 CY
CLASS 3 EXCAVATION = 66.2 CY



CULVERT SECTION
RTE 13 AT YY
6 OF 28



DATE PREPARED
7/31/2026

ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	332

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J2P2333

CONTRACT ID.

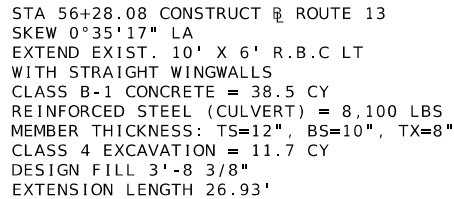
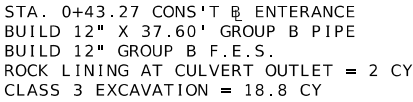
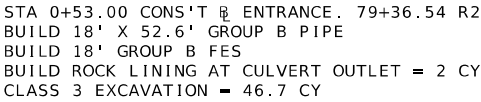
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



STA 31+99.86 CONS'T @ RTE 13

Profile view showing the proposed 24" X 17.7' GROUP A PIPE, existing 18' X 9' X 1.5' ROCK LINING, and surrounding infrastructure (F.E.S., EX PIPE, UFL EL, EX R/W, PR R/W PE).

Key elevations and offsets:

- EL 856.41 EX R/W OFF -31.98'
- EL 856.83 OFF -11.46'
- EL 856.85 OFF -0.00'
- EL 856.80 OFF 12.05'
- EL 856.72 OFF 16.06'
- EL 856.70 OFF 18.47'
- UFL EL 851.88
- EX PIPE

Grades: -2.06%, 3.1%, 1.94%

Stationing: STA 31+99.86

STA 7+15.07 CONST' B RTE 13

885

880

875

870

865

860

855

850

845

840

835

PR R/W PE

PR R/W

EX R/W

EXISTING GROUND

GROUP A F.E.S

ROCK LINING 18' X 9' X 1.5'

LFL EL 849.59

36" X 3.1' GROUP A PIPE

EL 854.75 OFF -17.94'

EL 854.88 OFF -11.26'

EL 854.92 OFF -0.00'

EL 854.79 OFF 12.25'

EL 854.71 OFF 16.28'

EL 853.68 OFF -18.81'

ROUTE 13

UFL EL 849.82

EX PIPE

STA 7+15.07

885

880

875

870

865

860

855

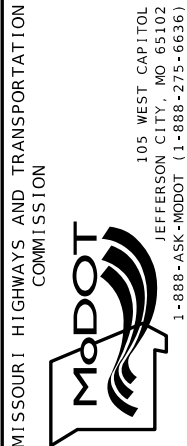
850

845

840

835

CULVERT SECTION
NB PASSING LANE 1
SHEET 8 OF 28



PR R/W
EL 811.41
OFF -50.75'

DESIGN FILL
3' - 6 1/2"

EX R/W

2.5:1

EL 825.29
2' OFF -16.04'
EL 825.38
2' OFF -11.42'

EL 825.43
OFF 0.00'

EL 825.40
OFF 12.08'
EL 825.32
OFF 16.08'
EL 823.88
OFF 19.18'

EX R/W

EX 3' X 2' R.C.B.

CLASS 4 EXCAVATION

6.12 %

ROCK LINING
18' X 9' X 1.5'

3' X 2' R.C.B.

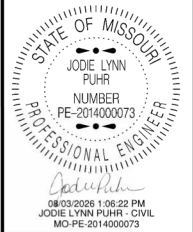
STA 86+24.31

STA 86+24.31

STA 86+24.31 CONSTRUCT $\frac{1}{4}$ ROUTE 13
SKEW 0°11'50" RA
EXTEND EXIST. 3' X 2' R.B.C. LT
WITH STRAIGHT WINGWALLS
CLASS B-1 CONCRETE = 6.4 CY
REINFORCED STEEL (CULVERT) = 1070 LBS
MEMBER THICKNESS: TS = 9", BS = 8", TX = 8"
CLASS 4 EXCAVATION = 6.8 CY
ROCK LINING = 9 CY
EXTENSION LENGTH = 14.2'
DESIGN FILL = 3'-6 $\frac{1}{2}$ "

The profile shows a cross-section of a road project. The vertical axis represents elevation from 800 to 870 feet. The horizontal axis represents stationing, with a specific point marked as STA 80+52.36. The profile includes a 5'-4" design fill, a 3' x 2' RCB (Reinforced Concrete Barrier), a Class 4 excavation, and a rock lining (18' x 9' x 1.5'). Key elevations include LFL EL 808.11, UFL EL 826.11, and various design fill elevations. The profile also shows existing ground (EXIST. 3' x 2' RCB) and a 0.90% slope.

STA 80+52.36 CONST' R ROUTE 13
SKEW 29°27'51" RA
EXTEND EXIST 3'X 2' R.C.B.
WITH WINGWALLS
CLASS B-1 CONCRETE = 9.2 CY
REINFORCED STEEL (CULVERT) = 1500 LBS
MEMBER THICKNESS: TS = 9", BS = 8", TX = 8"
CLASS 4 EXCAVATION = 9.3 CY
ROCK LINING = 9 CY
EXTENSION LENGTH = 29'
DESIGN FILL = 5'-4"



DATE PREPARED

7/31/2026

ROUTE	STATE
13	MO

DISTRICT KC	SHEET NO. 335
----------------	------------------

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

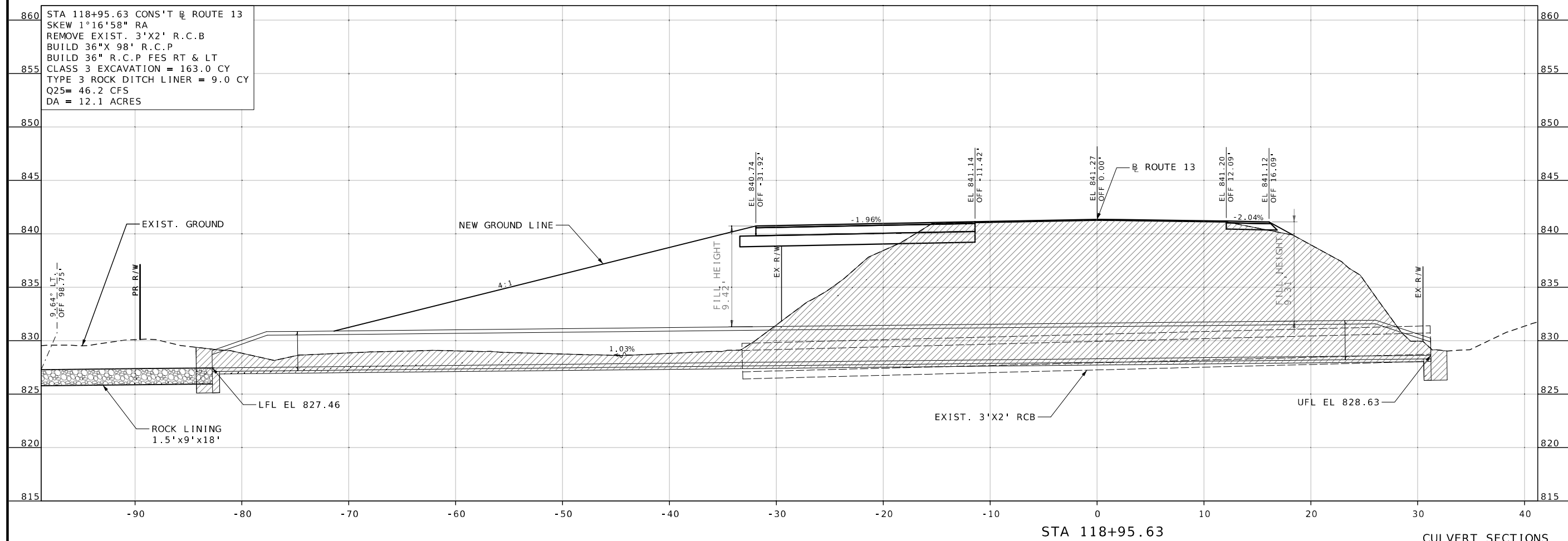
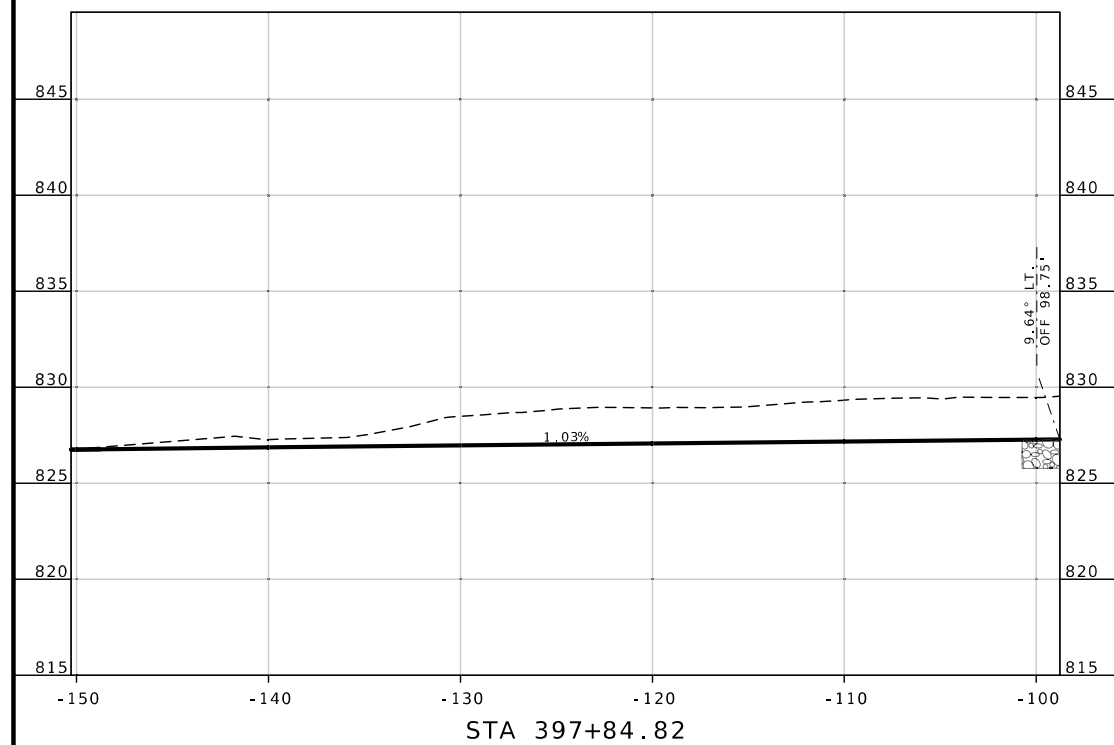
CONTRACT ID.
PROJECT NO.

PROJECT NO.

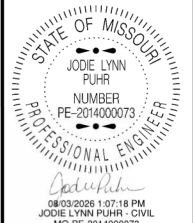
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[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



CULVERT SECTIONS
SB PASSING LANE 2
SHEET 11 OF 28



DATE PREPARED
7/31/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 337

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

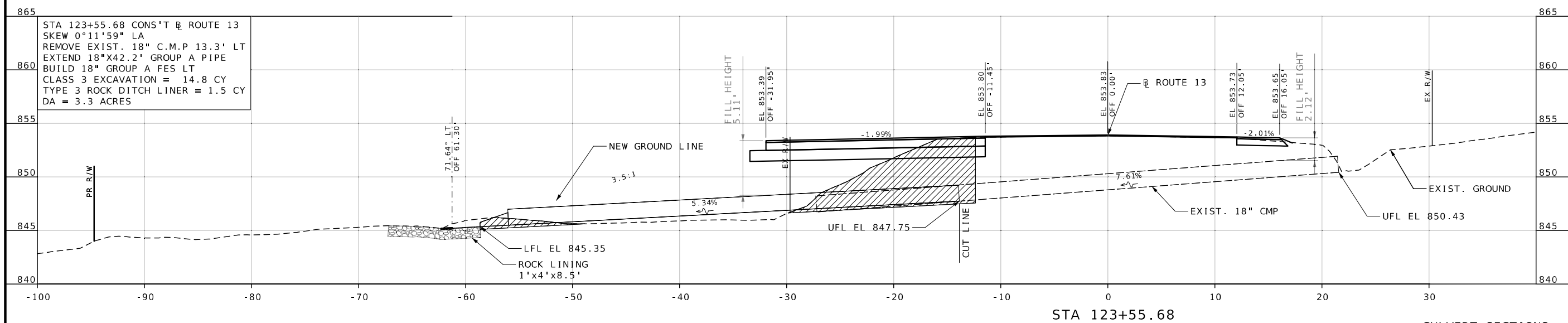
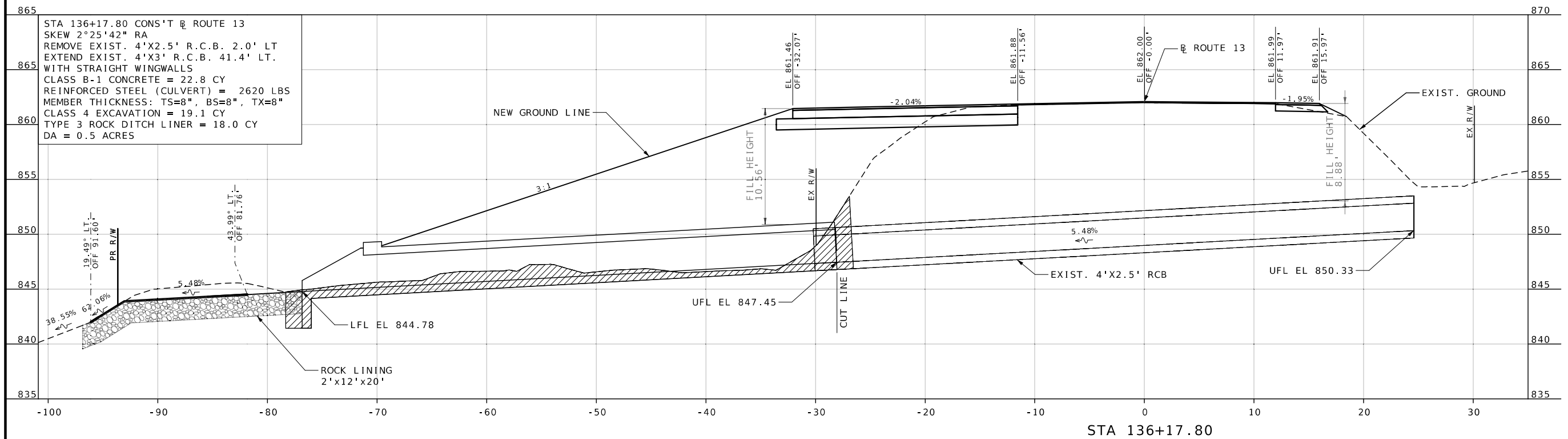
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PROJECT NO.

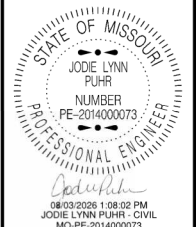
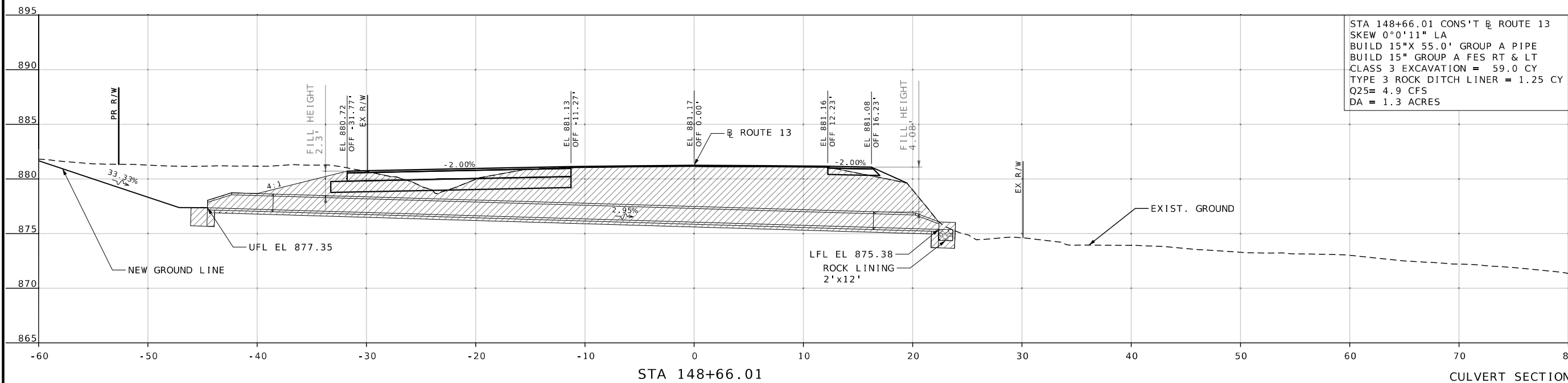
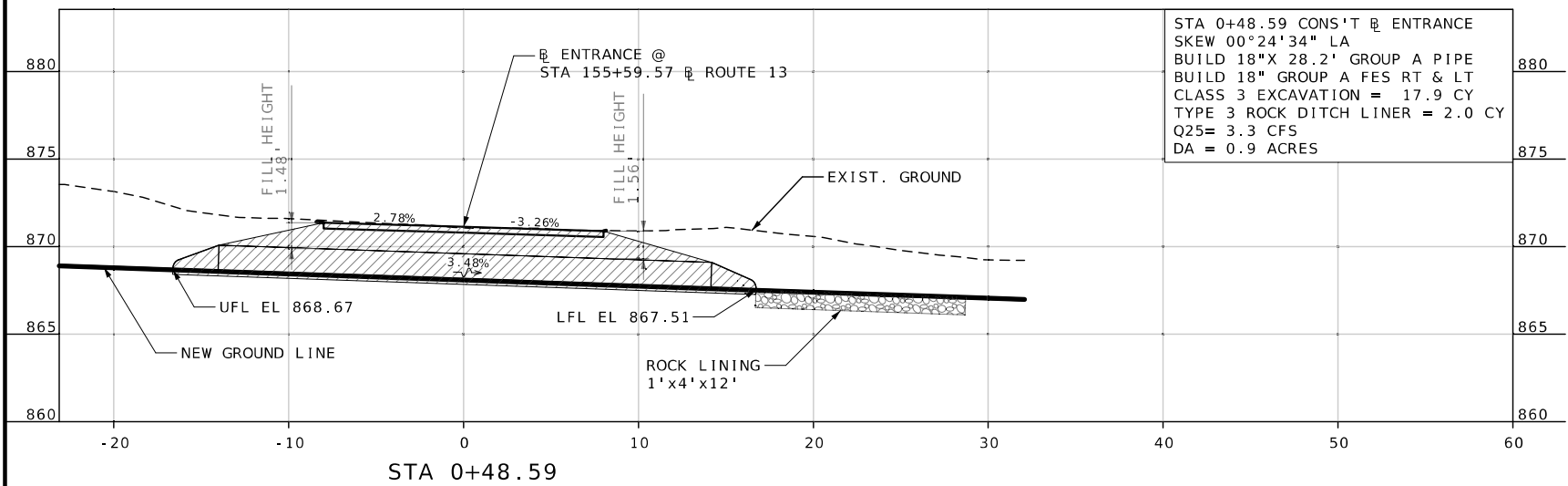
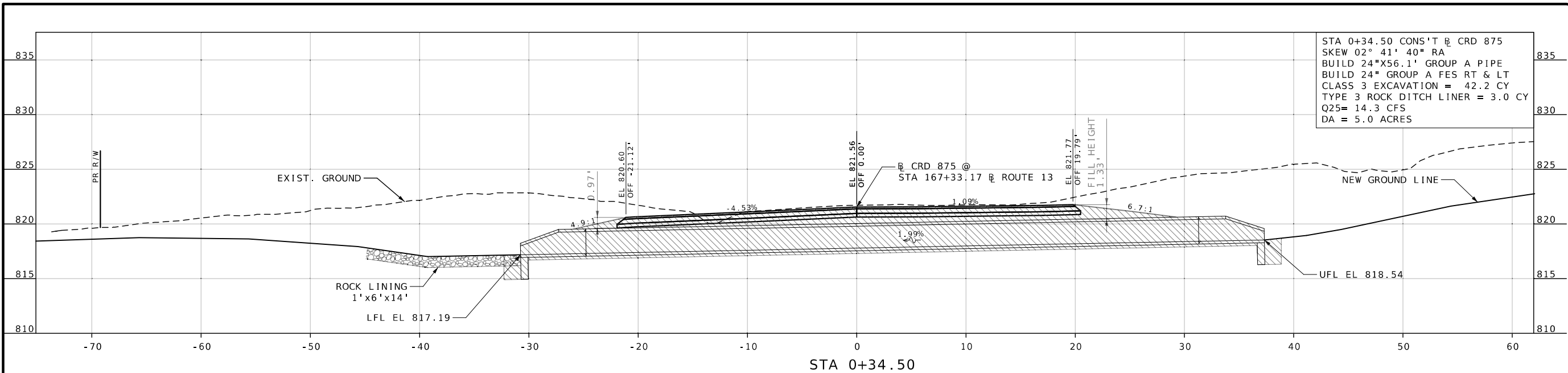
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[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



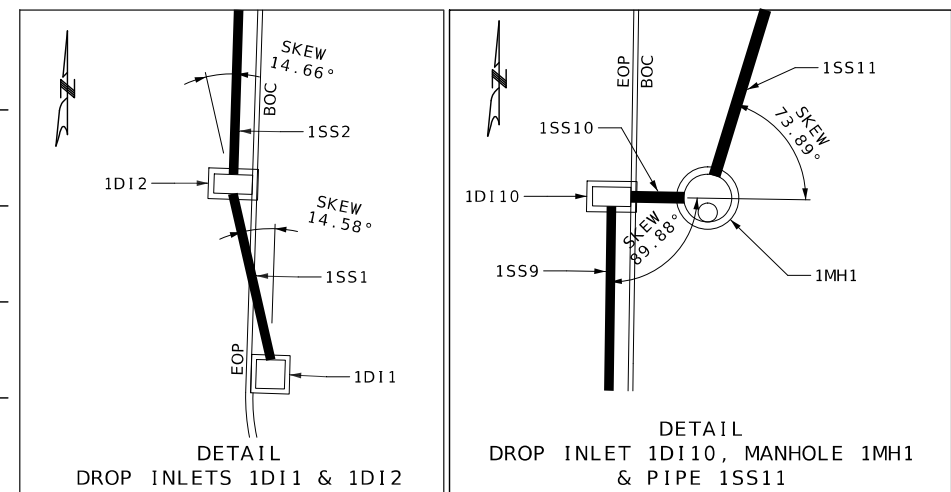
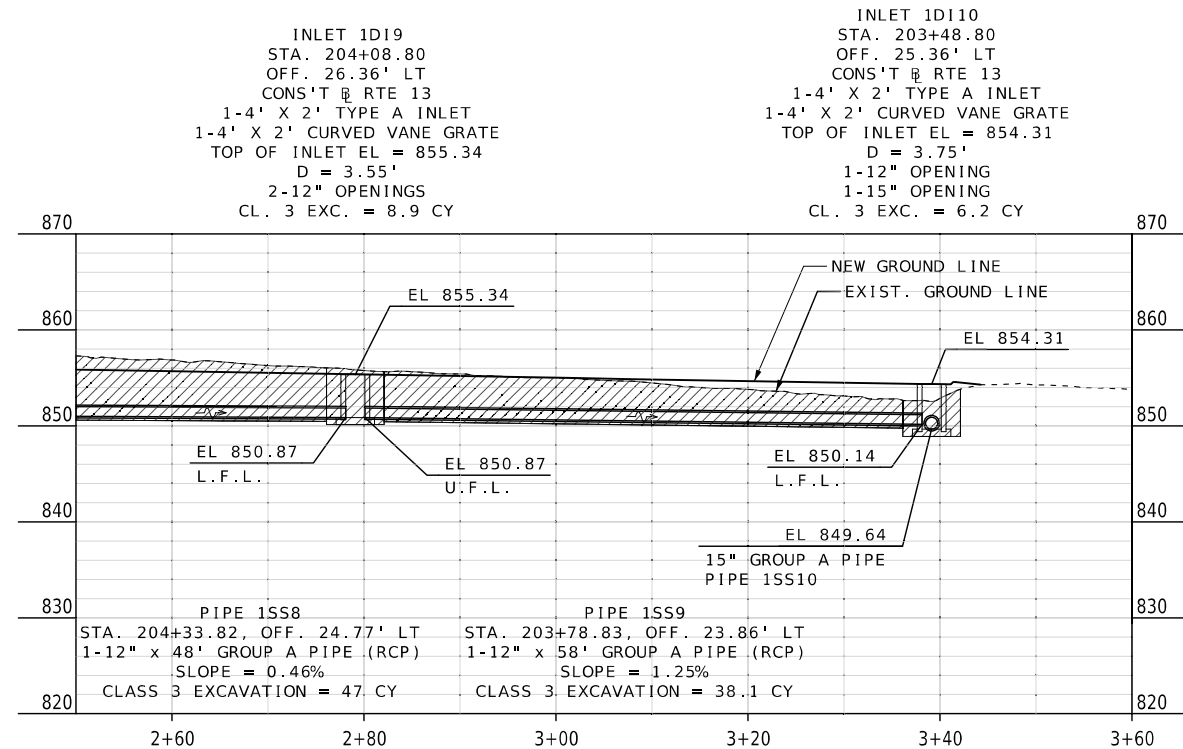
CULVERT SECTIONS
SB PASSING LANE 2
SHEET 12 OF 28



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 339
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION





The diagram illustrates a cross-section of a trench excavation. The vertical axis represents elevation in feet, ranging from 830 to 870. The horizontal axis represents stationing, with markers at -0+20, 0+00, and 0+20. Key features include:

- EXIST. GROUND LINE:** The original ground surface, shown as a solid line.
- NEW GROUND LINE:** The proposed ground surface after excavation, shown as a dashed line.
- EL 857.52:** Elevation of the existing ground line at station 0+00.
- EL 857.32:** Elevation of the new ground line at station 0+00.
- EL 853.36:** Elevation of the existing ground line at station -0+20.
- EL 852.50:** Elevation of the new ground line at station 0+20.
- EL 852.70:** Elevation of the existing ground line at station 0+00.
- U.F.L. (Under Footing Line):** A horizontal line at elevation 853.36.
- L.F.L. (Landing Footing Line):** A horizontal line at elevation 852.70.
- PIPE 2SS1:** A pipe section located between the U.F.L. and L.F.L. lines.
- 12" GROUP A PIPE:** A pipe section located between the L.F.L. and the new ground line.
- PIPE 2SS2:** A pipe section located between the new ground line and the existing ground line.
- STA. 207+75.78', OFF. 29.5' LT:** Station and offset information for the excavation.
- SLOPE = 15.04%:** The slope of the excavation.
- CLASS 3 EXCAVATION = 0.6 CY:** The volume of excavation material.

DETAIL
DROP INLETS 2D11 & 2D12

INLET 2D17
STA. 209+68.36
OFF. 30' LT
CONST'T $\frac{1}{2}$ RTE 13
1-4' X 2' TYPE A INLET
1-4' X 2' CURVED VANE GRATE
TOP OF INLET EL = 854.86
D = 3.40'
2-12" OPENING
CL. 3 EXC. = 3 CY

Profile view of the proposed 48-inch water main from station 0+00 to 2+20. The profile shows the existing ground line, the new ground line, and the proposed water main pipe. The pipe is shown in two segments: 12-inch Group A pipe (SS1) from station 0+00 to 0+20, and 48-inch Group A pipe (SS6) from station 0+20 to 2+20. The profile includes elevations for the drop inlet, existing ground line, new ground line, and the water main pipe. The water main pipe is shown with a slope of 0.72% from station 0+00 to 0+20, and a slope of 0.58% from station 0+20 to 2+20. The profile also shows the existing ground line and the new ground line. The profile is labeled with stationing and elevations.

Station	Existing Ground Line (E.L.)	New Ground Line (E.L.)	Water Main Pipe (E.L.)	Water Main Pipe Type	Water Main Pipe Slope	Class 3 Excavation (CY)
0+00	857.32	857.17	852.70	12" GROUP A PIPE (SS1)	0.72%	21
0+20	857.17	856.80	852.37	12" GROUP A PIPE (SS1)	0.72%	21
0+40	856.80	856.32	851.95	48" GROUP A PIPE (SS6)	0.58%	42.9
0+60	856.32	855.74	851.74	48" GROUP A PIPE (SS6)	0.58%	42.9
0+80	855.74	855.32	851.54	48" GROUP A PIPE (SS6)	0.58%	42.9
1+00	855.32	854.86	851.28	48" GROUP A PIPE (SS6)	0.58%	42.9
1+20	854.86	854.86	851.08	48" GROUP A PIPE (SS6)	0.58%	42.9
1+40	854.86	854.86	850.74	48" GROUP A PIPE (SS6)	0.58%	42.9
1+60	854.86	854.86	850.54	48" GROUP A PIPE (SS6)	0.58%	42.9
1+80	854.86	854.86	850.54	48" GROUP A PIPE (SS6)	0.58%	42.9
2+00	854.86	854.86	850.54	48" GROUP A PIPE (SS6)	0.58%	42.9
2+20	854.86	854.86	850.54	48" GROUP A PIPE (SS6)	0.58%	42.9

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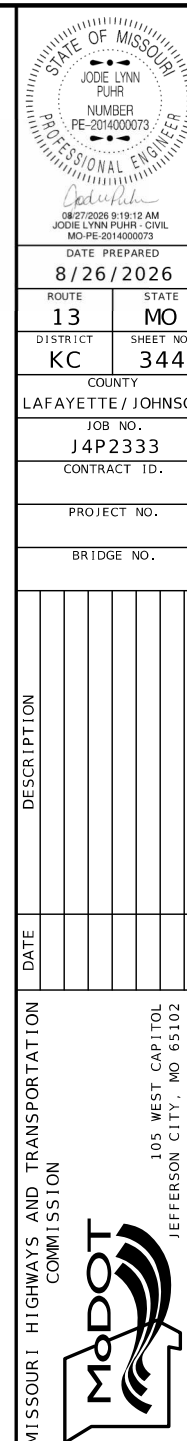
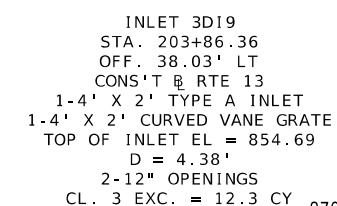
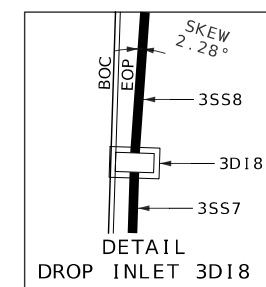
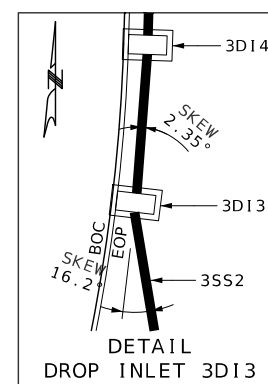
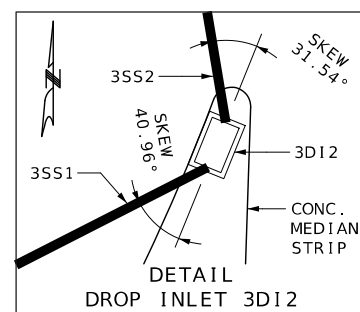
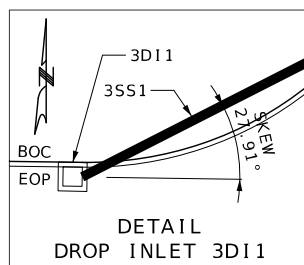
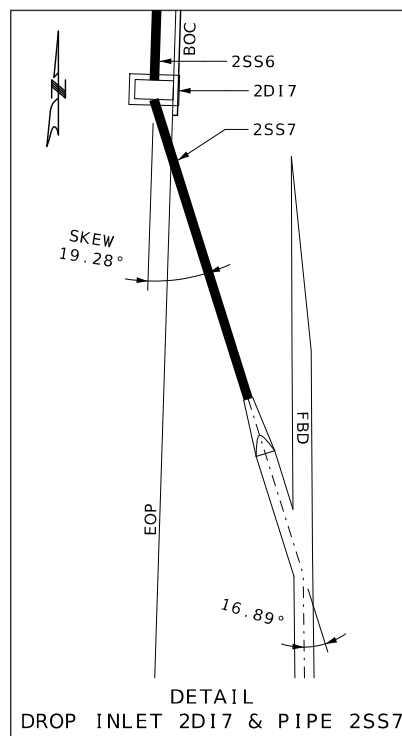


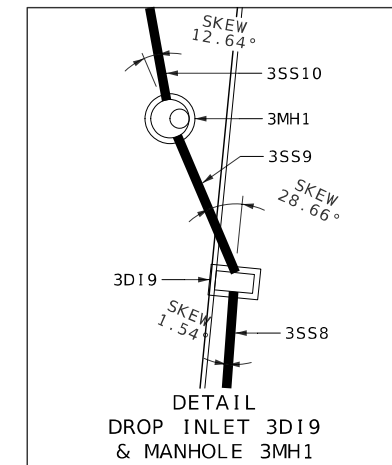
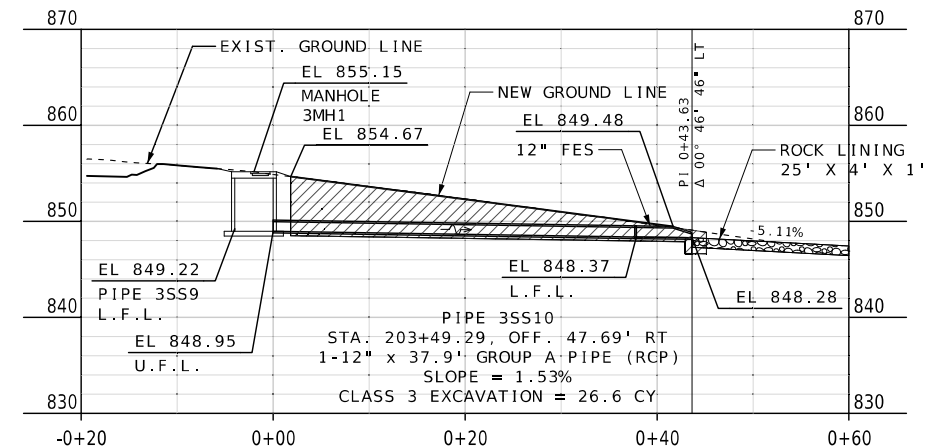
Diagram illustrating a cross-section of a trench excavation. The vertical axis shows elevations from 830 to 870. The horizontal axis shows stationing from -0+20 to 0+40.

Key features and elevations:

- EXIST. GROUND LINE** (dashed line)
- NEW GROUND LINE** (solid line)
- EL 854.69 DROP INLET 3D18**
- EL 855.15**
- EL 849.64 PIPE 3SS8 L.F.L.**
- EL 849.39 U.F.L.**
- EL 848.95 PIPE 3SS10 U.F.L.**
- EL 849.22 L.F.L.**
- PIPE 3SS9**

Additional information:

- STA. 203+78.48, OFF. 39.21' RT**
- 1-12" x 15.5' GROUP A PIPE (RCP)**
- SLOPE = 1.22%**
- CLASS 3 EXCAVATION = 13.5 CY**



CL. 3 EXC. = 4.9 CY

CL. 3 EXC. = 7.5 CY

NEW GROUND LINE

EXIST. GROUND LINE

EL 858.20

EL 857.25

EL 854.04

U.F.L.

EL 853.01

L.F.L.

EL 852.76

PIPE 45S2

U.F.L.

PIPE 45S1

STA. 207+85.96, OFF. 30.34' RT

1-12" x 23.1' GROUP A PIPE (RCP)

SLOPE = 4.47%

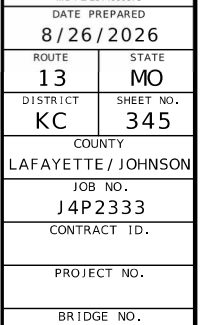
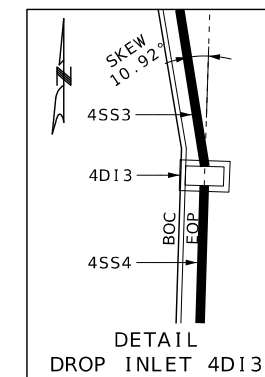
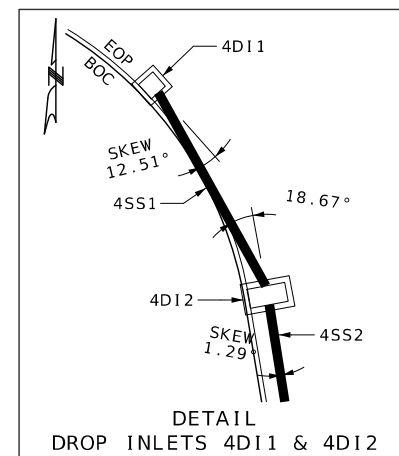
CLASS 3 EXCAVATION = 13.9 CY

-0+20

0+00

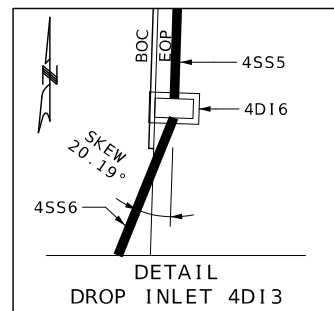
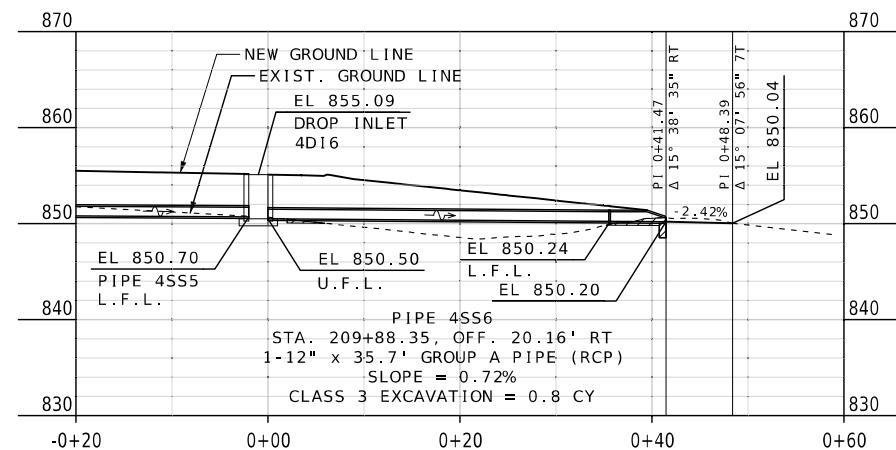
0+20

0+40

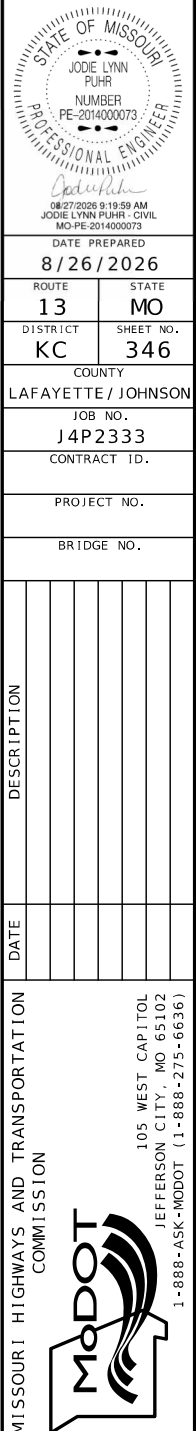
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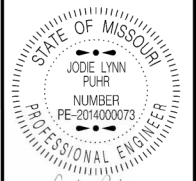
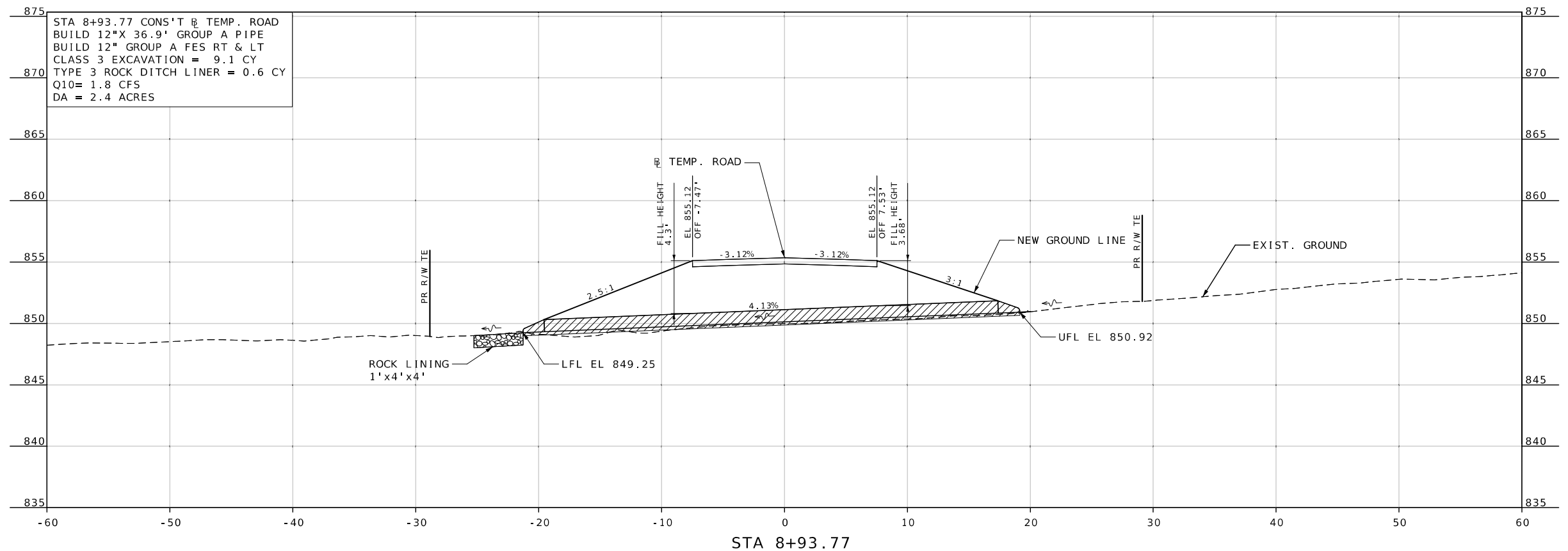
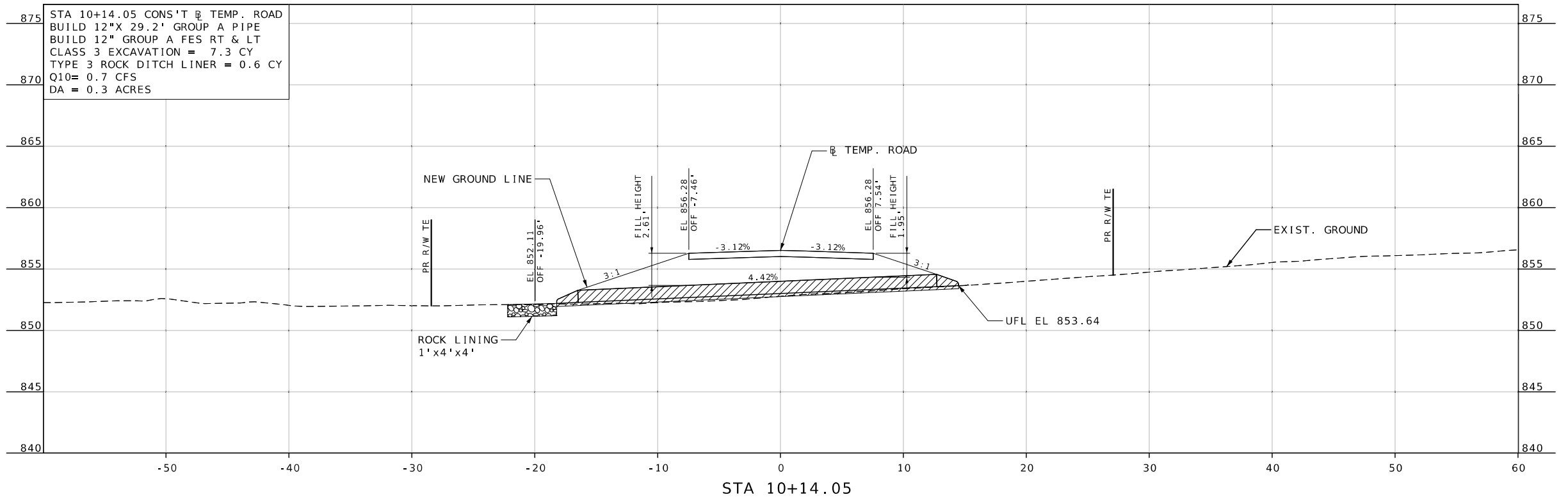
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



CULVERT SECTION
SHEET 20 OF 28





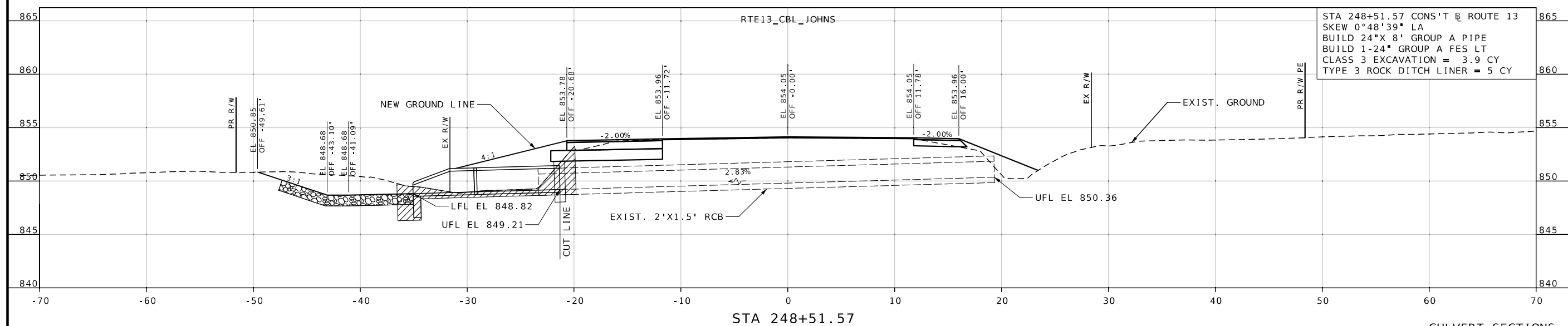
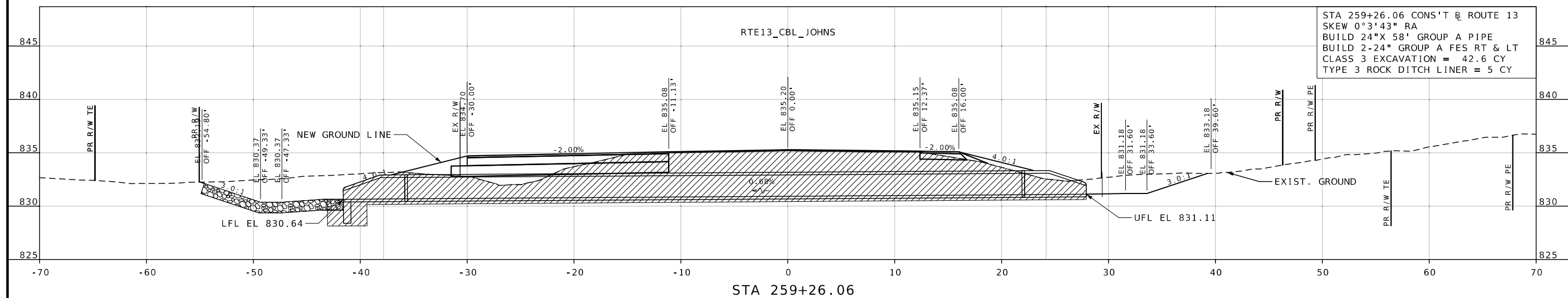
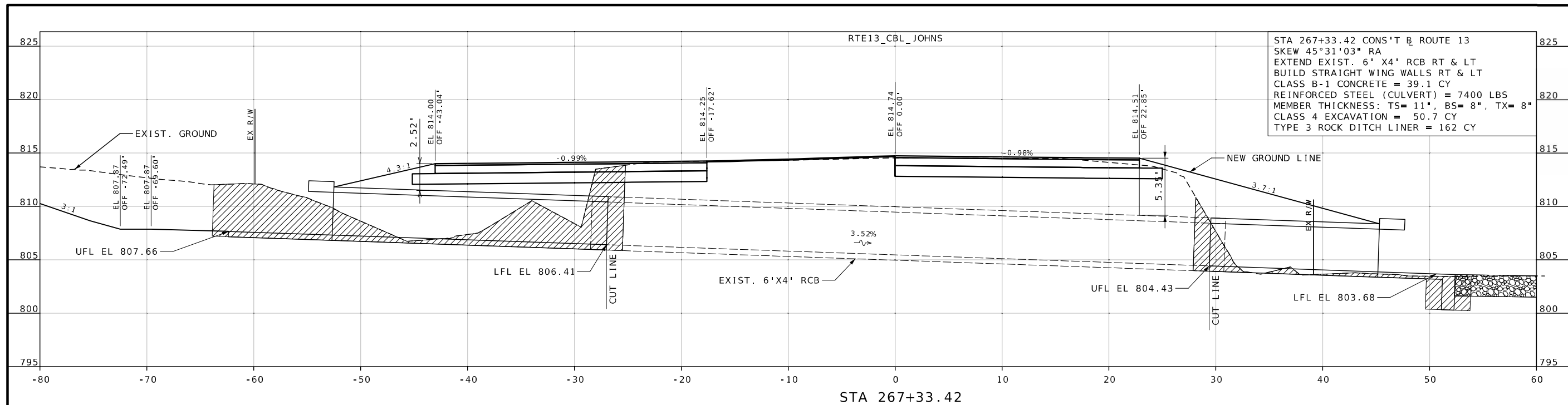
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ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 347
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

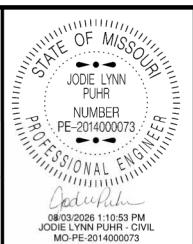
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



CULVERT SECTIONS
NB PASSING LANE 2
SHEET 22 OF 28



DATE PREPARED
7/31/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	348

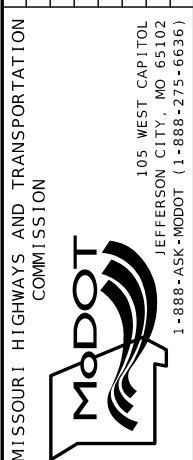
COUNTY
LAFAYETTE / JOHNSON

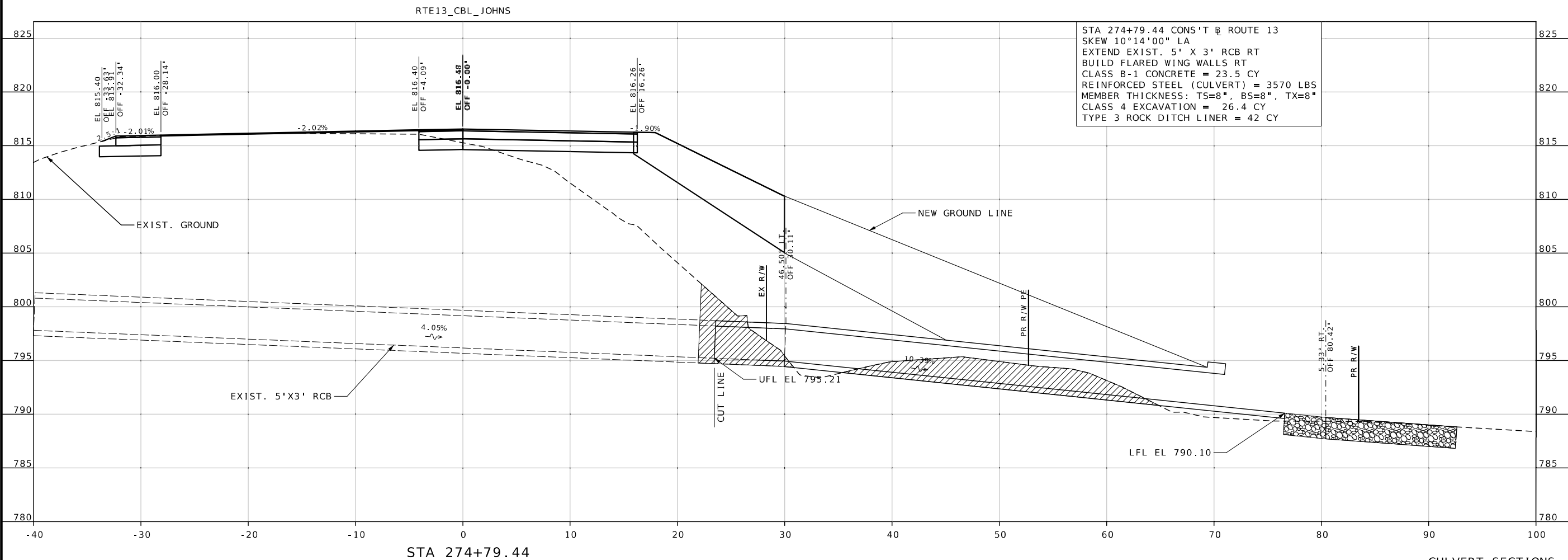
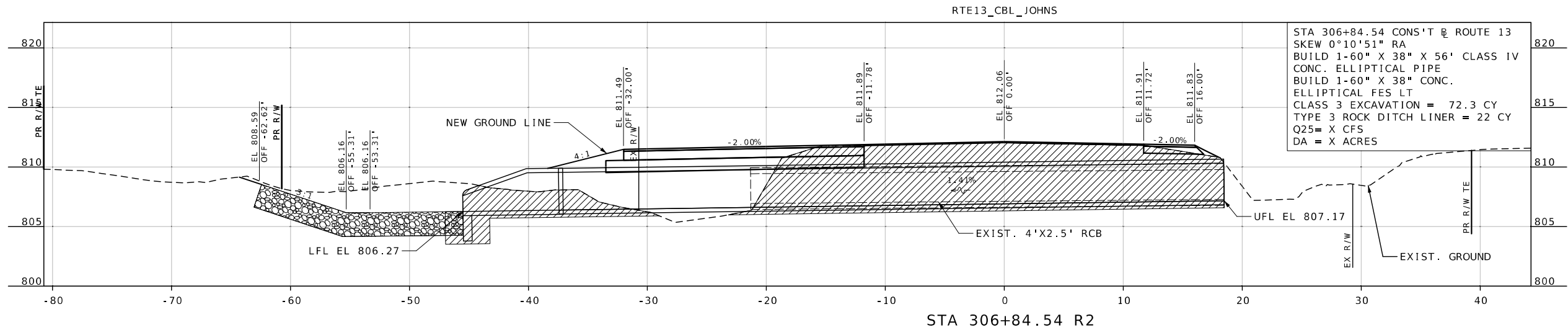
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J4P2333

CONTRACT ID.	9412333
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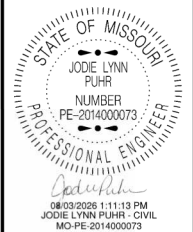
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BRIDGE NO.

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CULVERT SECTIONS
NB PASSING LANE 2
SHEET 23 OF 28



DATE PREPARED
7/31/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 349

COUNTY
LAFAYETTE / JOHNSON

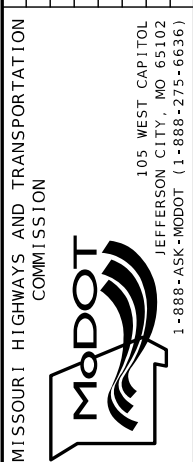
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J4P2333

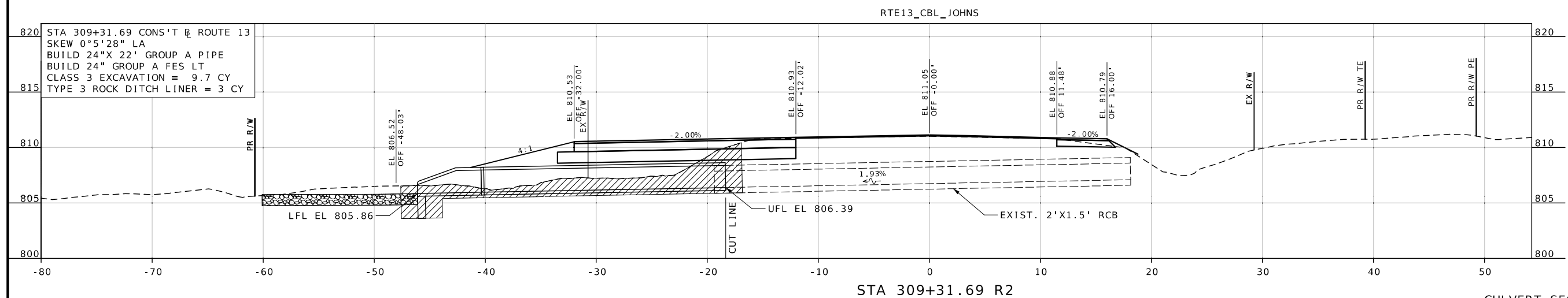
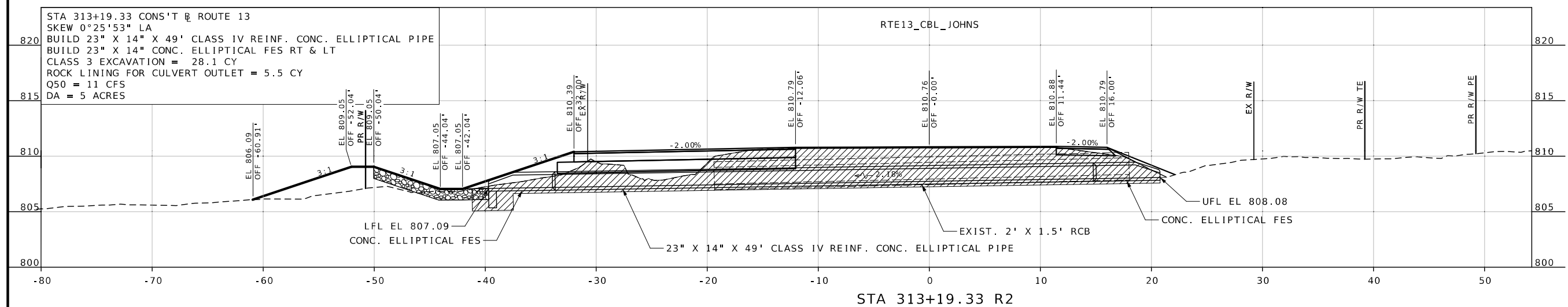
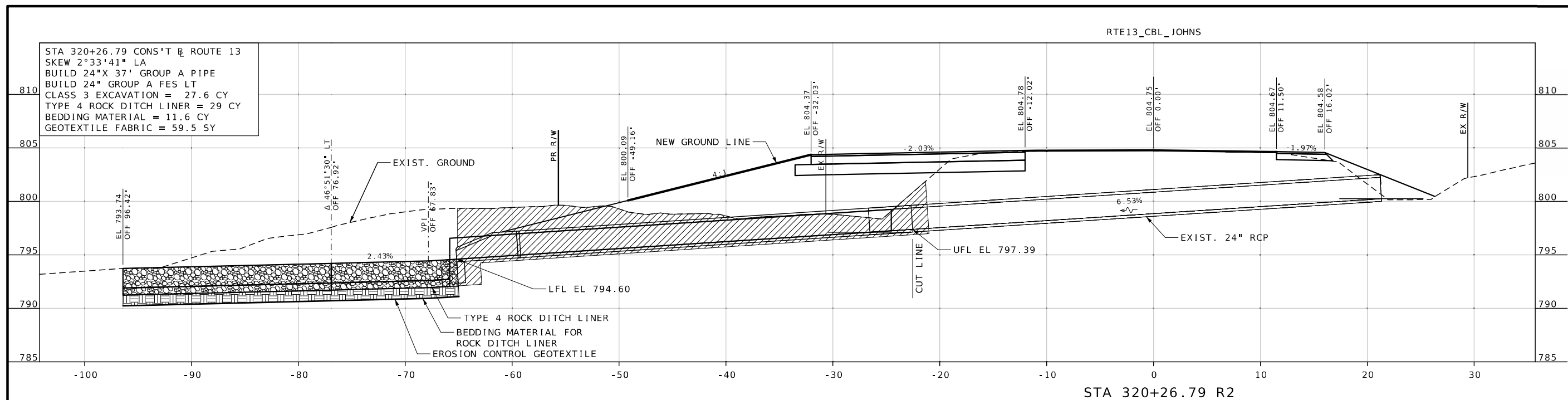
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PROJECT NO.

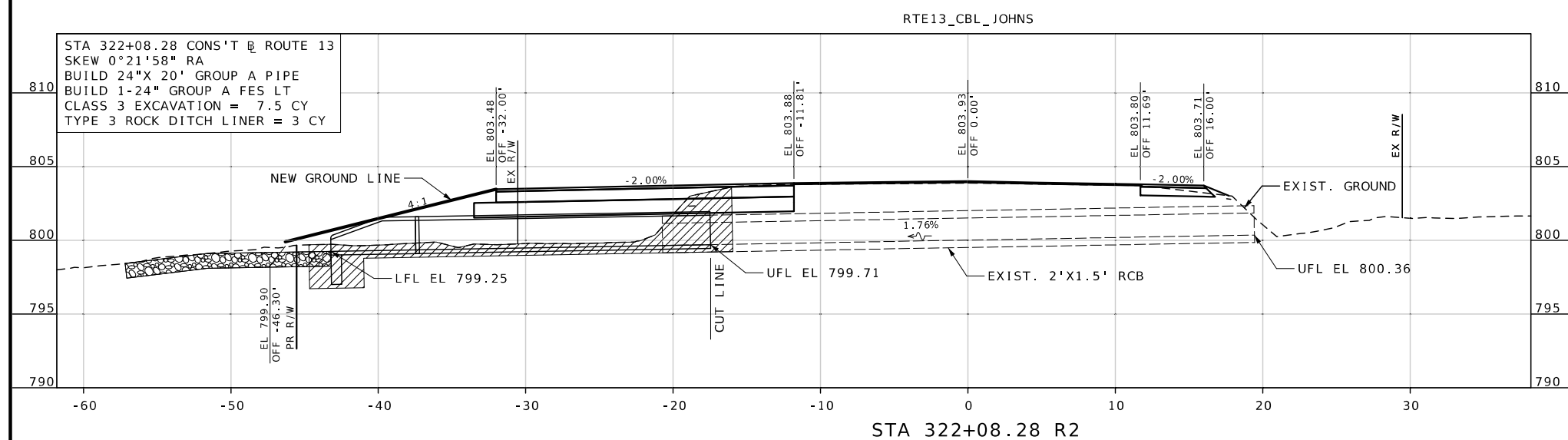
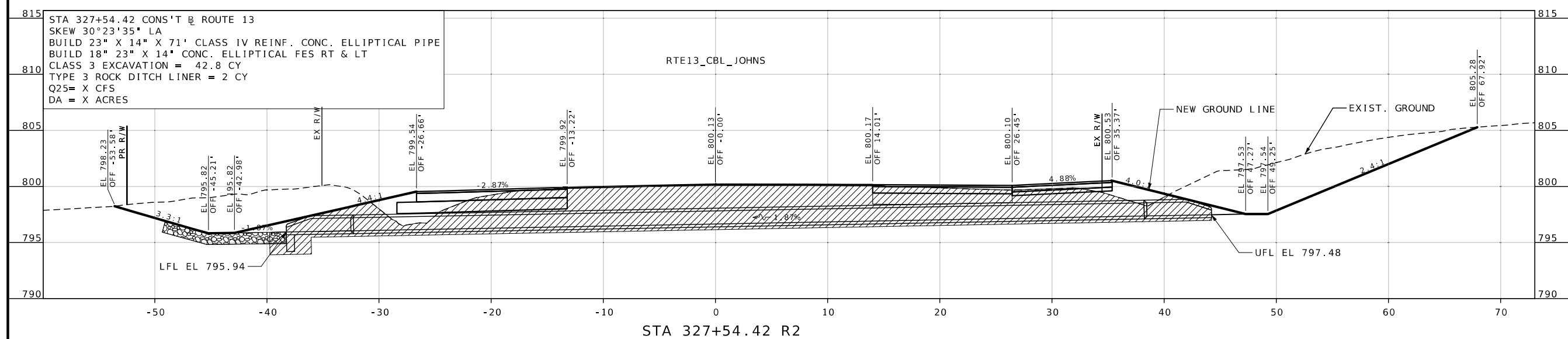
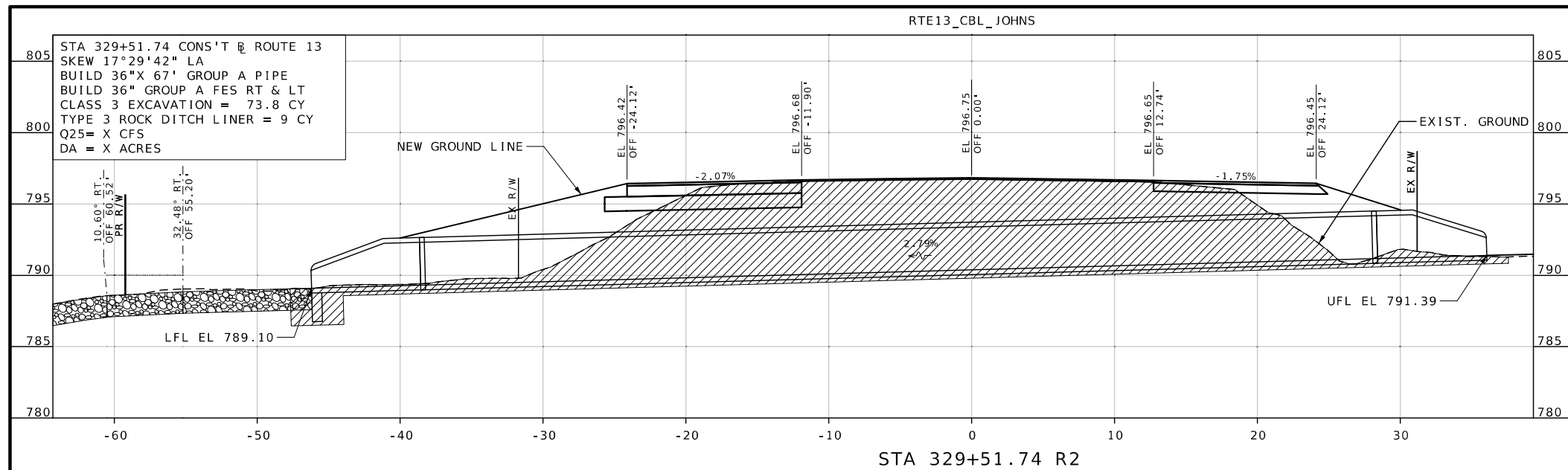
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DATE	DESCRIPTION

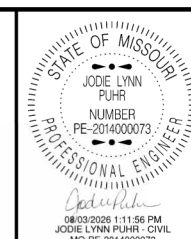




CULVERT SECTIONS
NB PASSING LANE 2
SHEET 24 OF 28



CULVERT SECTIONS
NB PASSING LANE 2
SHEET 25 OF 28



DATE PREPARED

7/31/2026

ROUTE	STATE
10	10

13	MO
DISTRICT	SHEET NO.

DISTRICT SHEET NO.
KC 351

COUNTY

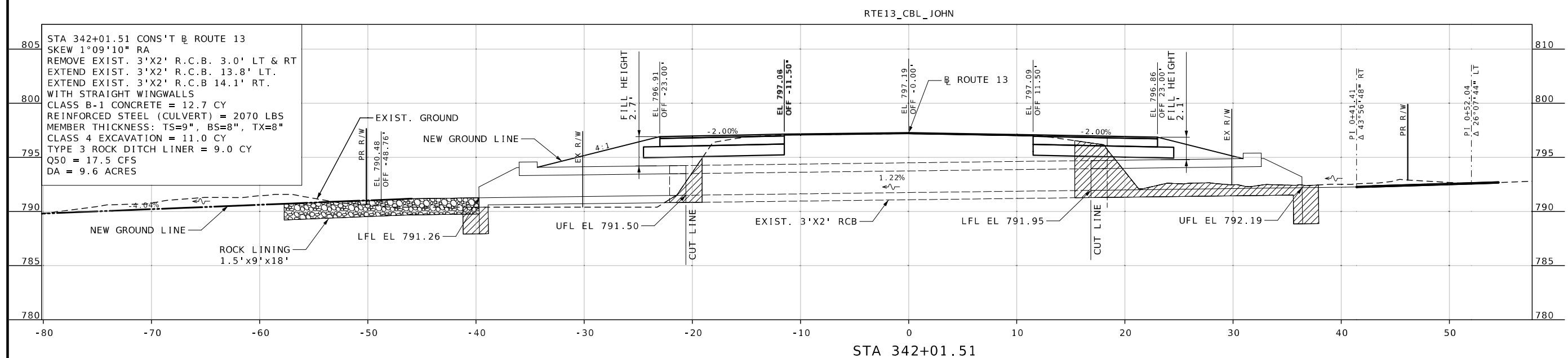
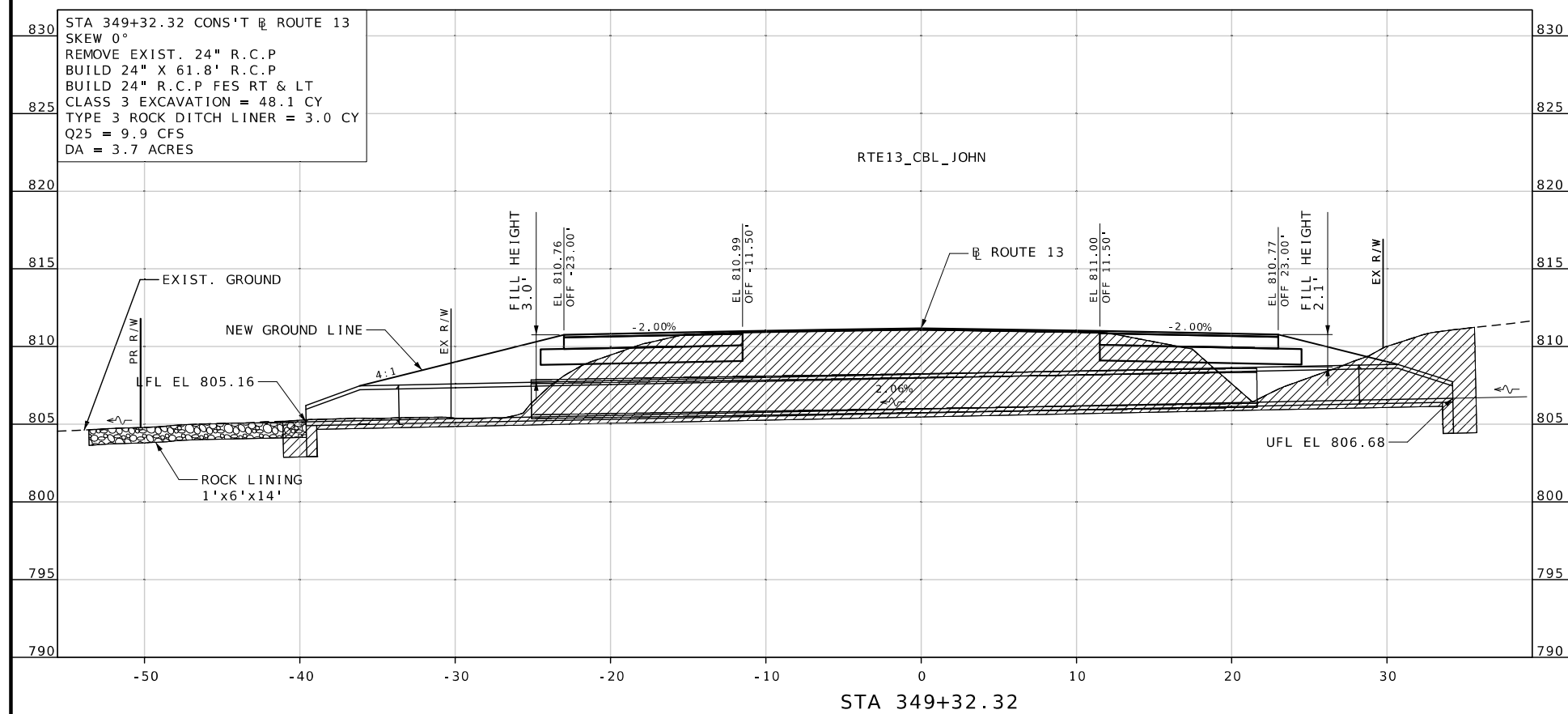
AFAYETTE / JOHNSON

JOB NO.
14P2333

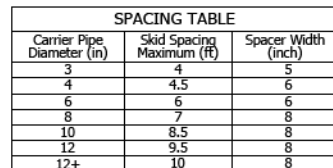
CONTRACT ID.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102



CULVERT SECTIONS
TWO-WAY LEFT-TURN LANE
SHEET 27 OF 28



1. SPACER O.D. SHALL BE AT LEAST 1/2" LARGER THAN PIPE BELL O.D.
2. CLEARANCE BETWEEN SPACER O.D. AND ENCASEMENT PIPE I.D. SHALL BE AT LEAST 1-1/2".
3. A MINIMUM OF 3 SPACERS PER INDIVIDUAL PIPE REGARDLESS OF PIPE LENGTH.
4. USE DOUBLE SPACERS AT END & ONE EACH SIDE OF A JOINT CASING.
5. END SEALS TO BE SYNTHETIC RUBBER BOOT WITH STAINLESS STEEL ADJUSTING BINDING STRAPS.
6. LOCATOR WIRE NOT SHOWN.

1. LOCATOR WIRE TO BE 12 GAUGE, SOLID COPPER WIRE WITH BLUE PE-45 INSULATION.
2. DUCT TAPE LOCATOR WIRE TO TOP OF PIPE ON EACH SIDE OF BELL AND ONE IN THE MIDDLE OF THE PIPE.
3. AT ALL ENDS OF WATER LINES, THE LOCATOR WIRE SHALL BE EXTENDED 2' ABOVE THE TOP OF THE GROUND AND BE ACCESSIBLE, THERE SHALL BE NO MORE THAN ONE SPLICE BETWEEN ACCESS POINTS AT VALVES.
4. DO NOT WRAP WIRE AROUND BOLTS, NUTS, ETC.
5. SPLICE LOCATOR WIRE USING SPLICING KIT 3M DBRY/V. DUCT TAPE LOCATOR WIRE TO PIPE ON EACH END OF THE SPLICE.
6. DIG TAPE SHALL BE INSTALLED 12" ABOVE ALL WATER LINE. TAPE SHALL BE BLUE IN COLOR.
7. WHERE CALLED FOR ON THE PLANS FOR A SPLICE BOX, THE SPLICE BOX SHALL BE IDENTICAL TO A VALVE BOX RISER AND LID WITH THE INSTALLATION OF THE WIRE IDENTICAL TO THAT IN A VALVE BOX.
8. CONTRACTOR SHALL CONDUCT TRACER WIRE CONTINUITY TEST WITH OWNERS REPRESENTATIVE PRESENT. LOCATOR WIRE INSTALLATION AND CONTINUITY SHALL BE WARRANTED UNDER THE SAME 1 YEAR PIPE AND WORKMANSHIP WARRANTY.

The diagram shows a cross-section of a ditch or creek bed. A pipe is installed in the bed, with a restrained joint. The pipe is shown with a break in the middle, indicated by two parallel lines. The pipe is labeled 'MINIMUM RESTRAINED JOINT PVC LENGTH'. The depth of the ditch is labeled 'D'. The width of the ditch at the bottom is labeled '15' MIN. FROM TOP OF BANK'. The diagram also shows the 'GATE VALVE & BOX ON OPPOSITE SIDE OF CROSSING BUT ABOVE FLOOD PLAIN ELEVATION, SEE PLAN SHEET FOR LOCATION.' and 'GATE VALVE OR WATER TEST PIT ON FEEDER SIDE OF CROSSING AND ABOVE FLOOD PLAIN ELEVATION, SEE PLAN SHEET FOR LOCATION.'.

NOTE: CASING TYPE, SIZE AND THICKNESS TO BE SHOWN ON THE PLANS OR AS DESCRIBED IN THE SPECIFICATIONS

MINIMUM COVER "D"

- 4 FT FOR DITCH
- 6 FT FOR CREEK
- 10 FT FOR RIVER
- OR AS SHOWN ON

VERTICAL THRUST BLOCKS								
Pipe	MIN Volume of Concrete				MIN Bearing Area			
Size	11.25	22.5	45	90	11.25	22.50	45	90
(in)	(cy)	(cy)	(cy)	(cy)	(sf)	(sf)	(sf)	(sf)
4	0.2	0.4	0.7	1.0	0.1	0.1	0.6	2.0
6	0.4	0.8	1.5	2.1	0.1	0.3	1.2	4.2
8	0.7	1.4	2.5	3.5	0.1	0.5	2.1	7.2
10	1.1	2.1	3.9	5.5	0.2	0.8	3.3	11.1
12	1.5	3.0	5.5	7.7	0.3	1.2	4.6	15.7

The diagrams show the following details:

- CROSS:** A top-down view of a trench with a central pipe and four side pipes. The side pipes are connected to the main pipe via flanges. The trench walls are shown with a 45-degree slope.
- BEND:** A side view of a pipe making a 90-degree turn. The pipe is supported by a trench wall on one side and a trench bottom on the other.
- TRENCH SECTION:** A side view of a pipe in a trench. The pipe is supported by a trench wall on one side and a trench bottom on the other. The trench wall is shown with a 45-degree slope. A dimension line indicates a minimum clearance of 12 inches between the pipe and the trench wall.

Pipe	Minimum Bearing Area					
Size (in)	11.25 (sf)	22.5 (sf)	45 (sf)	90 (sf)	Tee/Plug (sf)	Cross * (sf)
4	0.4	0.8	1.5	2.8	2.0	1.0
6	0.8	1.7	3.2	6.0	4.2	2.1
8	1.4	2.8	5.5	10.1	7.2	3.6
10	2.2	4.4	8.5	15.8	11.1	5.6
12	3.1	6.1	12.0	22.2	15.7	7.8
14	3.7	7.4	14.5	26.7	18.9	9.5
16	4.8	9.6	18.9	34.9	24.7	12.3

* Use at each corner

1. THRUST BLOCKS SHALL BE FORMED AND POURED AGAINST UNDISTURBED SOIL. KEEP "T" BOLTS CLEAR OF CONCRETE, WRAPPED IN 8 MIL VINYL PLASTIC PROTECTOR.
2. THICKNESS BETWEEN FITTING AND SOIL SHALL BE A MINIMUM OF 12".
3. CONCRETE SHALL HAVE 3000 PSI MINIMUM COMPRESSIVE STRENGTH.
4. PLUGS SHALL BE WRAPPED WITH 8 MIL VITQUEEN AND BOARD PLACED IN FRONT.
5. SEE SPECIFICATIONS FOR THRUST BLOCK BEARING AREA.

1. SUITABLE EARTH EXCAVATED MATERIAL FREE FROM DEBRIS, MUCK, MUD BALLS, ROCK, AND HARD OBJECTS LARGER THAN 1/2" DIA.
2. SUITABLE EARTH EXCAVATED MATERIAL FREE FROM DEBRIS, MUCK, MUD BALLS, ROCK, AND HARD OBJECTS LARGER THAN 2" DIA.
3. SAND, LIMESTONE SCREENINGS (1/4" MAX SIZE)
4. 1" BASE ROCK PLACED IN 6" LIFTS AND COMPACTED PER MODOT SPECIFICATIONS.
5. 1" MINUS ROAD ROCK, MIN 8" THICK.

6. BEDDING MATERIAL SHALL BE TAMPED IN LAYERS UNDER THE PIPE HAUNCHES AND AROUND THE PIPE TO TOP OF PIPE TO PROVIDE A UNIFORM BEARING SURFACE.
7. COVER OVER THE PIPE SHALL BE 42" UNLESS OTHERWISE SHOWN ON THE PLANS.
8. BACKFILL UNDER PERMANENT PAVEMENT SHALL CONFORM TO SPECIFICATIONS.
9. DIRT CHECKS ARE REQUIRED FOR WATER LINE INSTALLATION ON SLOPED GROUND. SEE SPECIFICATIONS.
10. SUITABLE EARTH MATERIAL MAY HAVE TO BE HAULED TO THE SITE WHEN ENCOUNTERING ROCK EXCAVATION. EXCAVATED ROCK WILL NOT BE ALLOWED BACK IN THE TRENCH.
11. PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.

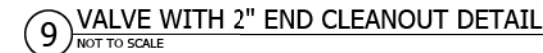
POST HYDRANT SHALL BE SELF-DRAINING, NON-FREEZING, COMPRESSION TYPE WITH 2-1/8" MAIN OPENING. INLET SHALL BE (2", 2-1/2" & 3" FNPT, OR 2", 3" OR 4" MJ). OUTLET SHALL BE (3/4" GHT OR 1", 1-1/4", 1-1/2", 2" OR 2-1/2" MNPT OR 1-1/2", 2" OR 2-1/2" NST).

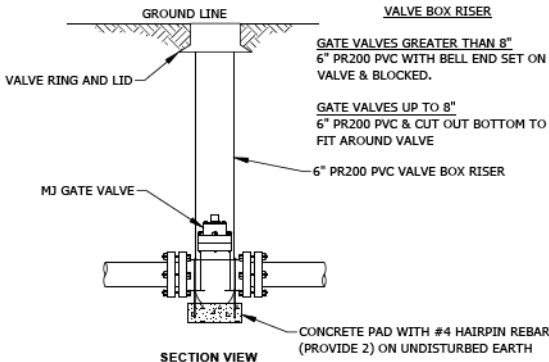
HYDRANTS SHALL HAVE A (DUCTILE IRON (STD), GALVANIZED STEEL, STAINLESS STEEL, OR BRASS EXTERIOR CASING PIPE, A (GALVANIZED (STD), STAINLESS STEEL OR BRASS) INTERIOR NON-TURNING OPERATING ROD WITH A HEAVY WALL (CAST IRON (STD), OR ALUMINUM) TOP STOCK.

PRINCIPAL INTERIOR OPERATING PARTS SHALL BE BRASS, BRONZE AND ALUMINUM AND BE REMOVABLE FOR SERVICING WITHOUT EXCAVATING THE HYDRANT.

HYDRANTS SHALL BE SET IN 4 CUBIC FEET OF CRUSHED STONE TO ALLOW FOR PROPER DRAINAGE OF THE HYDRANT. RECOMMENDATIONS OF THE AWWA SHOULD BE FOLLOWED WHEN INSTALLING THE HYDRANT.

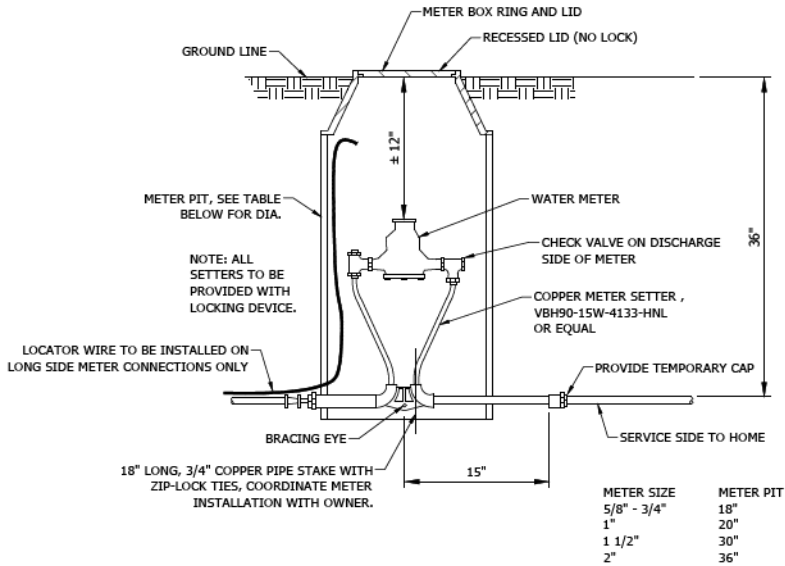
HYDRANTS SHALL BE #2 ECLIPSE POST HYDRANT AS MANUFACTURED BY JOHN C. KUPFERLE COMPANY, ST. LOUIS, MO OR APPROVED EQUAL.





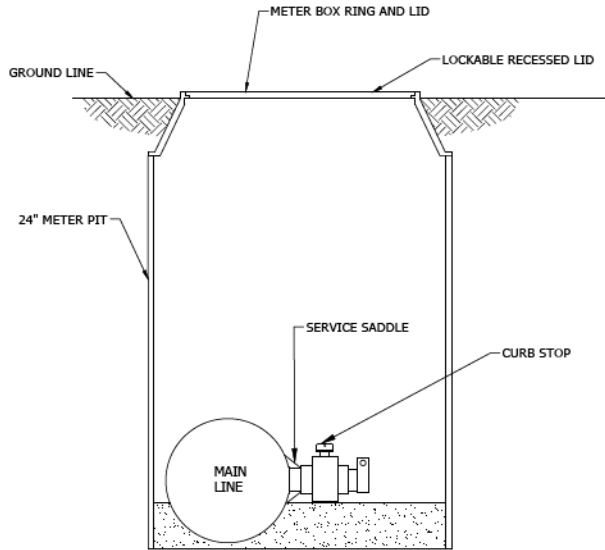
- NOTES:
1. ANCHOR COUPLING OR PVC PIPE WITH TIEBACK RODS WILL BE REQUIRED BETWEEN VALVE AND FITTINGS.
 2. WRAP VALVE AND JOINTS WITH VISQUEEN.
 3. VALVE AND RISER SHALL BE PLUMB AND CHECKED BY A LEVEL.
 4. IF VALVE BOX IS LOCATED IN PAVEMENT, VALVE BOX SHALL BE CAST IRON TWO PIECE ADJUSTABLE SCREW TYPE VALVE BOX WITH DROP LID (5 1/4" SHAFT)

1 GATE VALVE AND BOX DETAIL
NOT TO SCALE

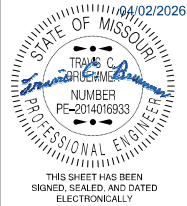


CHECK VALVE TO BE SERVICEABLE, SPRING LOADED AND ONE SEAT OF RESILIENT MATERIAL, GUARANTEED AND TESTED TO WITHSTAND A VACUUM OR EXTERNAL PRESSURE TEST OF 10.8 PSI FOR ONE HOUR WITH NO LEAKAGE

2 METER BOX SETTING
NOT TO SCALE



3 CHEMICAL INJECTION PIT
NOT TO SCALE



DATE PREPARED
3/29/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. C02

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 572-634-3161
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

WATER LINE CONSTRUCTION PROJECT GENERAL NOTES

1. SAFETY

a. IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL STATUTES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS RELATED TO SAFETY AT THE JOB SITE AND SHALL SATISFY ALL LOCAL, STATE, AND FEDERAL STATUTES PERTAINING TO JOB SITE SAFETY. THIS RESPONSIBILITY FOR THE SAFETY OF PERSONS AND PROPERTY WILL APPLY CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION OBSERVATION BY THE OWNER AND/OR ENGINEER IS NOT TO DETERMINE THE ADEQUACY OF THE CONTRACTOR'S SAFETY PROCEDURES.

b. CONTRACTOR AND SUBCONTRACTORS ARE SUBJECT TO THE REQUIREMENTS OF SECTION 292.675 RSMO, WHICH REQUIRES ALL CONTRACTORS AND SUBCONTRACTORS DOING WORK ON THE PROJECT TO PROVIDE, AND REQUIRE ITS ON-SITE EMPLOYEES TO COMPLETE, A TEN (10) HOUR COURSE IN CONSTRUCTION SAFETY AND HEALTH APPROVED BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION ("OSHA") OR A SIMILAR PROGRAM APPROVED BY THE MISSOURI DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS WHICH IS AT LEAST AS STRINGENT AS AN APPROVED OSHA PROGRAM. THE TRAINING MUST BE COMPLETED WITHIN SIXTY (60) DAYS OF THE DATE WORK ON THE PROJECT COMMENCES. ON-SITE EMPLOYEES FOUND AT THE WORKSITE WITHOUT DOCUMENTATION OF THE REQUIRED TRAINING SHALL HAVE TWENTY (20) DAYS TO PRODUCE SUCH DOCUMENTATION.

c. THE CONTRACTOR SHALL PROVIDE ACCESS TO THE SITE AT ANY TIME FOR THE OWNER, ENGINEER, AND STATE/FEDERAL/LOCAL OFFICIALS. CONTRACTOR SHALL CONTACT OWNER A MINIMUM OF 24 HOURS PRIOR TO BEGINNING WORK.
2. PERMITS

a. APPLICABLE PERMITS MUST BE OBTAINED FROM ALL REGULATORY AGENCIES, INCLUDING MODOT IF NECESSARY, PRIOR TO EXCAVATION WITHIN THEIR RIGHT-OF-WAY. CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH ALL LOCAL GOVERNMENTS AND OBTAIN ALL NECESSARY PERMITS.
3. CONSTRUCTION AND INSTALLATION

a. CONTRACTOR SHALL PHYSICALLY VERIFY EXISTING THRUST RESTRAINTS PRIOR TO CUTTING INTO EXISTING MAINS WHERE EXISTING VALVES MIGHT BE SUBJECT TO UNSUPPORTED THRUST.

b. ALL MISCELLANEOUS ITEMS REQUIRED FOR CONSTRUCTION AND NOT LISTED IN THE BID SHALL BE INCIDENTAL TO THE CONTRACT.

c. WATER MAINS SHALL BE LAID AT LEAST TEN FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED NON-POTABLE WATER LINE. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE. WATER MAINS CROSSING NON-POTABLE WATER LINES SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL CLEAR DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE NON-POTABLE WATER LINE. AT CROSSINGS, THE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM THE NON-POTABLE WATER LINE AS POSSIBLE, BUT IN NO CASE LESS THAN TEN (10) FEET.

d. CONTRACTOR MAY, WITH APPROVAL BY OWNER/ENGINEER, USE FITTING COMBINATIONS OTHER THAN THOSE SHOWN PROVIDED THEY RESULT IN THE SAME DESIGN CONCEPT. FOR EXAMPLE, MJ X SWIVEL TEE MAY REPLACE TEE AND ANCHOR COUPLING COMBINATION.

e. WHERE DIMENSIONAL INFORMATION IS PROVIDED ON DRAWINGS, IT IS INTENDED AS A GUIDE TO THE CONSTRUCTION, BUT IS NOT GUARANTEED ACCURATE FOR FIT-UP OF PIPING AND FACILITIES. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONAL INFORMATION, HORIZONTAL AND VERTICAL, BEFORE FABRICATION OF PIPING RUNS AND INSTALLATION OF PIPING.

f. ALL TIE-INS, THRUST BLOCKING, FLUSHING, PIGGING, HYDROSTATIC TESTING, AND DISINFECTION SHALL BE COORDINATED WITH OWNER. CONTRACTOR SHALL INSTALL TEMPORARY BLOW-OFFS AND OTHER FITTINGS AS NEEDED AT COST INCIDENTAL TO THE CONTRACT.

g. ALL FITTINGS SHALL HAVE CONCRETE THRUST BLOCKS AND MJ JOINT RESTRAINTS.

h. CONCRETE THRUST BLOCKING FORMS TO BE APPROVED BY OWNER BEFORE POURING BLOCKING. CONCRETE BLOCKS OR UNMIXED BAGS OF MIXCRETE ARE NOT ALLOWED.

i. ALL FITTINGS AND VALVES TO BE WRAPPED WITH 8-MIL POLY WRAP.

j. CONTRACTOR TO BRACE ALL UTILITY CROSSINGS AS NECESSARY DURING CONSTRUCTION.

k. CONTRACTOR SHALL MAINTAIN A CLEAN WORK AREA ON A DAILY BASIS.

l. CONTRACTOR SHALL NOTIFY PROPERTY OWNERS WHEN WORK IS TO BE PERFORMED ON PROPERTY.

m. ALL EXCESS SPOILS WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DISPOSE OF.
4. WASTE MATERIAL

a. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL WASTE MATERIALS IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
5. AS-BUILT INFORMATION

a. CONTRACTOR SHALL PROVIDE RECORD (AS-BUILT) DRAWING INFORMATION ON DETAILS AND SUPPLY TO ENGINEER FOLLOWING PROJECT. SHOW ALL APPURTENANCES. ALL VALVES SHALL BE REFERENCED TO AT LEAST (2) PERMANENT, FIXED, ABOVE GROUND ELEMENTS WITH DESCRIPTIONS AND LENGTHS CLEARLY SHOWN. FINAL PAYMENT WILL NOT BE MADE UNTIL THIS REQUIREMENT IS MET SATISFACTORILY.
6. UTILITIES

a. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE NECESSARY UTILITY AGENCIES, OBTAIN THE PRECISE LOCATION OF THEIR FACILITIES, AND LOCATE, PROTECT, AND RESTORE ALL EXISTING UTILITIES ENCOUNTERED ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATIONS AND REPAIRS TO ALL PUBLIC AND/OR PRIVATE PROPERTY AT THE EXPENSE OF THE CONTRACTOR. THE UTILITIES SHOWN ON THESE PLANS ARE FOR GENERAL INFORMATION PURPOSES. NO CLAIM OF ACCURACY OR INCLUSIVENESS IS MADE BY OWNER OR ENGINEER.

b. LOCATION OF EXISTING WATER LINES SHOWN ARE APPROXIMATE. OWNER WILL PROVIDE GENERAL LOCATIONS OF THE EXISTING WATER LINES. ALL PROBING AND EXCAVATION WORK NECESSARY TO CONFIRM THE LOCATION OF THESE LINES AND TO KEEP THE PROPOSED WATER LINES WITHIN EASEMENT OR RIGHT-OF-WAY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ALL COSTS WILL BE INCIDENTAL TO THE COST OF THE PROJECT.
7. DAMAGES

a. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND EXPENSES OF ANY DAMAGE TO EXISTING FACILITIES CAUSED BY HIS CONSTRUCTION. ALL STRUCTURES, FENCES, PAVEMENT, DRIVEWAYS, FIELD ENTRANCES, TREES, STORM AND SANITARY SEWER, AND OTHER IMPROVEMENTS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE RESTORED BY THE CONTRACTOR TO A CONDITION EQUAL TO OR BETTER THAN ORIGINAL CONDITIONS.

b. ANY EXISTING ROADWAY, SOIL AREA OR DITCH LINE DAMAGED BY EXCAVATION OR OTHER CONSTRUCTION OPERATIONS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST.

c. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING SURVEY MONUMENTS, WHICH INCLUDES RIGHT-OF-WAY MARKERS AND PROPERTY PINS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH SURVEY MONUMENTS THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION OPERATIONS. MONUMENTS SHALL BE RE-ESTABLISHED BY A MISSOURI LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE OF MISSOURI LAWS AT CONTRACTOR'S EXPENSE.
8. EXCAVATION

a. ALL EXCAVATION SHALL BE UNCLASSIFIED.
9. EROSION CONTROL

a. THE CONTRACTOR IS TO IMPLEMENT ALL NECESSARY EROSION CONTROL METHODS. BEST MANAGEMENT PRACTICES FOR EROSION CONTROL MAY INCLUDE, BUT ARE NOT LIMITED TO, THE INSTALLATION OF SILT FENCES, SILT SOCKS, INLET PROTECTION, AND THE RE-ESTABLISHMENT OF VEGETATION.

10. CONNECTION TO EXISTING MAINS

a. THE CONTRACTOR SHALL SCHEDULE WITH THE OWNER (MINIMUM OF 48 HOURS ADVANCED NOTICE) ANY PROPOSED MAIN SHUT-DOWNS AS REQUIRED TO COMPLETE CONNECTIONS TO THE EXISTING WATER DISTRIBUTION SYSTEM. SHUTTING DOWN EXISTING MAINS FOR COMPLETING CONNECTION WORK SHALL ONLY BE DONE BETWEEN THE HOURS OF 9:00 AM TO 3:00 PM MONDAY - THURSDAY. TIE INS TO BE SCHEDULED MONDAY - WEDNESDAY, NOT ON PAID HOLIDAYS OR WEEKENDS UNLESS OTHERWISE APPROVED.

b. ONLY OWNER OR AUTHORIZED OWNER'S REPRESENTATIVE MAY OPERATE WATER VALVES.

c. CONTRACTOR SHALL COMPLETE CONSTRUCTION OF NEW WATER LINES FOR EACH AREA, INCLUDING PRESSURE TESTING, FLUSHING, AND DISINFECTION PRIOR TO SHUT DOWN OF ASSOCIATED EXISTING MAINS AND TIE-IN OF EXISTING SERVICES. CONSTRUCTION IS INTENDED TO KEEP ALL CUSTOMER CONNECTIONS IN SERVICE THROUGH EXISTING MAINS DURING CONSTRUCTION OF NEW MAINS. EXISTING MAINS SHALL NOT BE ABANDONED IN PLACE UNTIL ALL ASSOCIATED SERVICES LINES ARE TIED TO NEW MAIN.

d. CONTRACTOR SHALL FIELD VERIFY EXISTING PIPE MATERIAL AND SIZE PRIOR TO CONNECTION TO EXISTING MAIN.

LAFAYETTE CPWSD NO. 2 PROJECT SPECIFIC NOTES:

- ALL BENDS AND SOLID SLEEVES SHALL BE HYMAX, ROMAC, OR APPROVED EQUAL.
- ALL BENDS AND FITTINGS 3" AND LARGER SHALL BE DUCTILE IRON FITTINGS.
- ALL SERVICE LINES SHALL BE 3/4" TYPE K COPPER.
- JOINT RESTRAINTS SHALL BE PERMA GRIP JOINT RESTRAINTS BY MIDCO OR APPROVED EQUAL.
- GATE VALVES SHALL BE HYMAX OR APPROVED EQUAL.

JOHNSON NO. 1 PROJECT SPECIFIC NOTES:

- ALL SERVICE LINES SHALL BE REPLACED IN THEIR ENTIRERTY. ALL SERVICE LINES SHALL BE 3/4" TYPE K COPPER.
- ALL FITTINGS TO HAVE MJ JOINT RESTRAINTS AND THRUST BLOCK.
- ALL FITTINGS SHALL BE WRAPPED IN 8 MIL PLASTIC.
- DISTRICT STAFF MUST BE ON SITE WHILE THRUST BLOCKS ARE POURED.
- CONTRACTOR TO LIMIT THE NUMBER OF SHUT DOWN OF EXISTING LINE FOR TIE INS, COORDINATE WITH OWNER.



DATE PREPARED 3/29/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. G01

COUNTY
LAFAYETTE/ JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE						

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-634-3161
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
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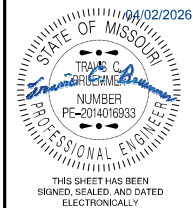


NE 1/4 NW 1/4
SEC 12
T48N R26W

01

ROBERT A & DOROTHY
BELL FAMILY TRUST

SE 1/4 NW 1/4
SEC 12
T48N R26W



DATE PREPARED
3/29/2026

ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	W01

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

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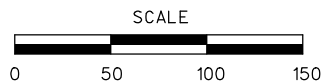
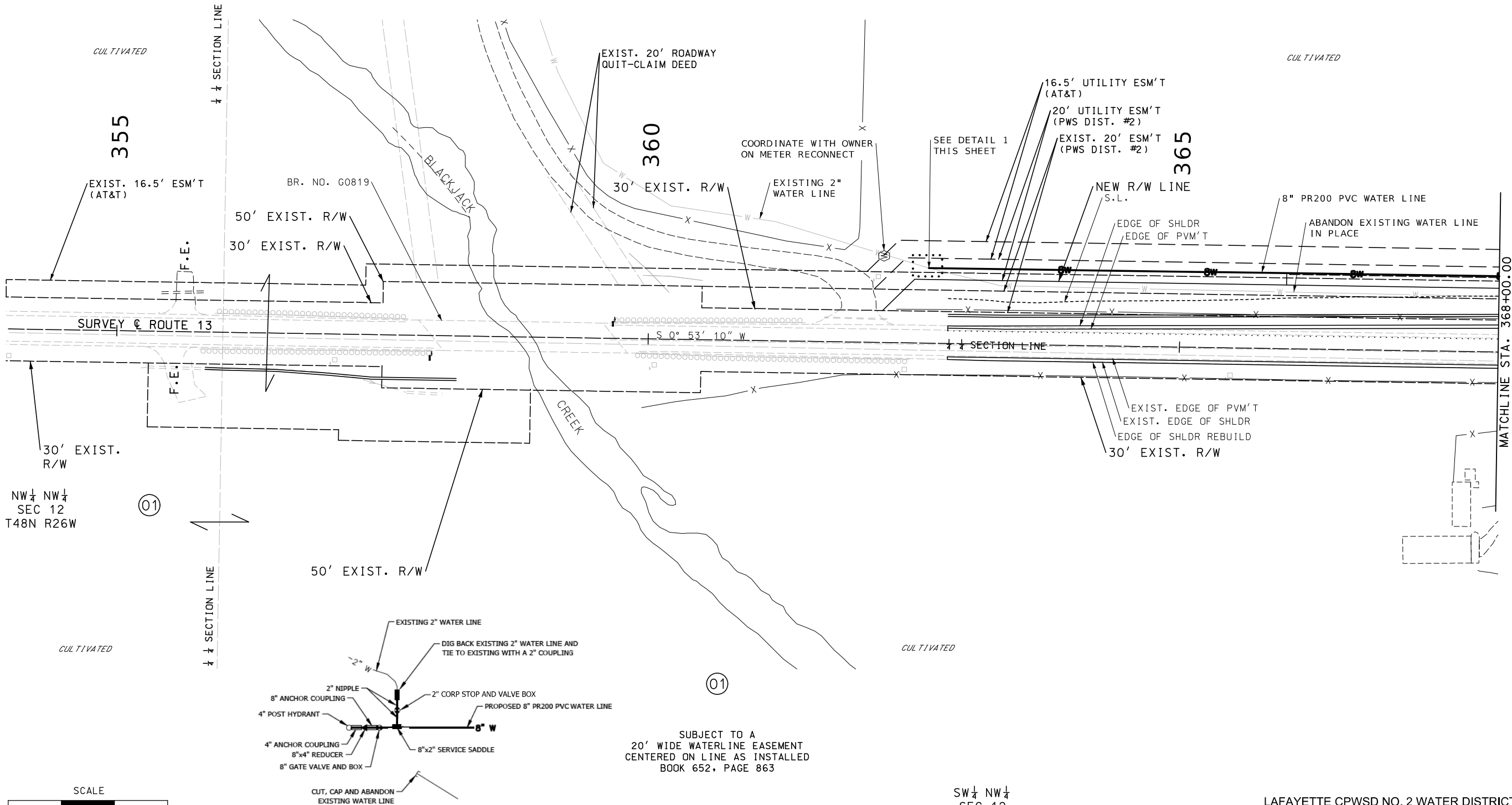
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Bartlett & West

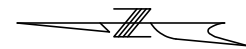
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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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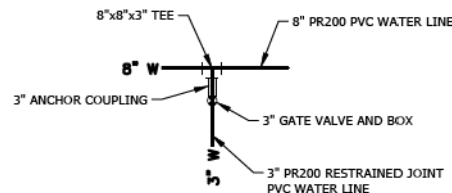
1 DETAIL 1
NOT TO SCALE

SW 1/4 NW 1/4
SEC 12
T48N R26W

LAFAYETTE CPWSD NO. 2 WATER DISTRICT
WATER LINE SHEET
SHEET 1



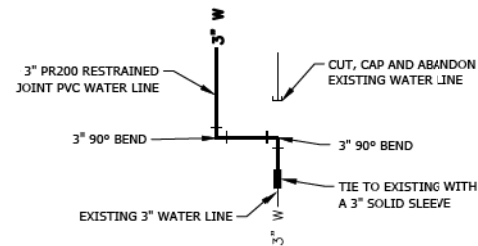
SE 1/4 NW 1/4
SEC 12
T48N R26W



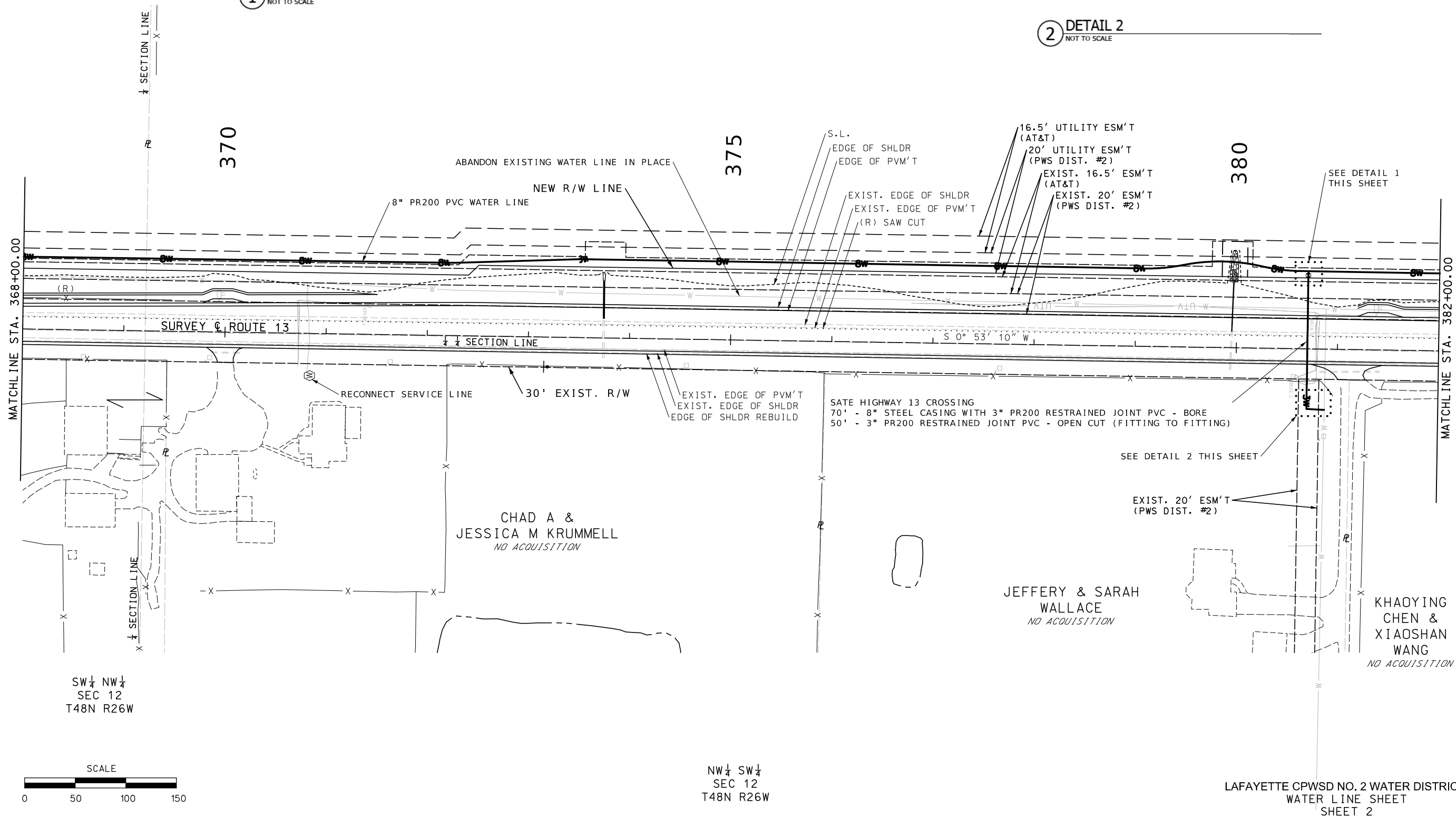
1 DETAIL 1
NOT TO SCALE

NE 1/4 SW 1/4
SEC 12
T48N R26W

02
KENNETH L SCHROEDER
LIVING TRUST



2 DETAIL 2
NOT TO SCALE



DATE PREPARED	3/29/2026
ROUTE	13
STATE	MO
DISTRICT	KC
SHEET NO.	W02
COUNTY	LAFAYETTE / JOHNSON
JOB NO.	J4P2333
CONTRACT ID.	

PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

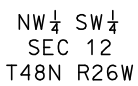
105 WEST CAPITAL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

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PHONE 572-634-3161
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SE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 12
T48N R26W

03



A horizontal scale bar labeled "SCALE" with markings at 0, 50, 100, and 150. The bar is divided into four equal segments of length 37.5 units each.

SW $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 12
T48N R26W

SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 652, PAGE 863

LAFAYETTE CPWSD NO. 2 WATER DISTRICT
WATER LINE SHEET
SHEET 3



DATE PREPARED
3/29/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	W03

COUNTY
AFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

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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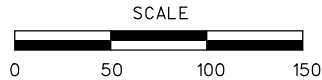
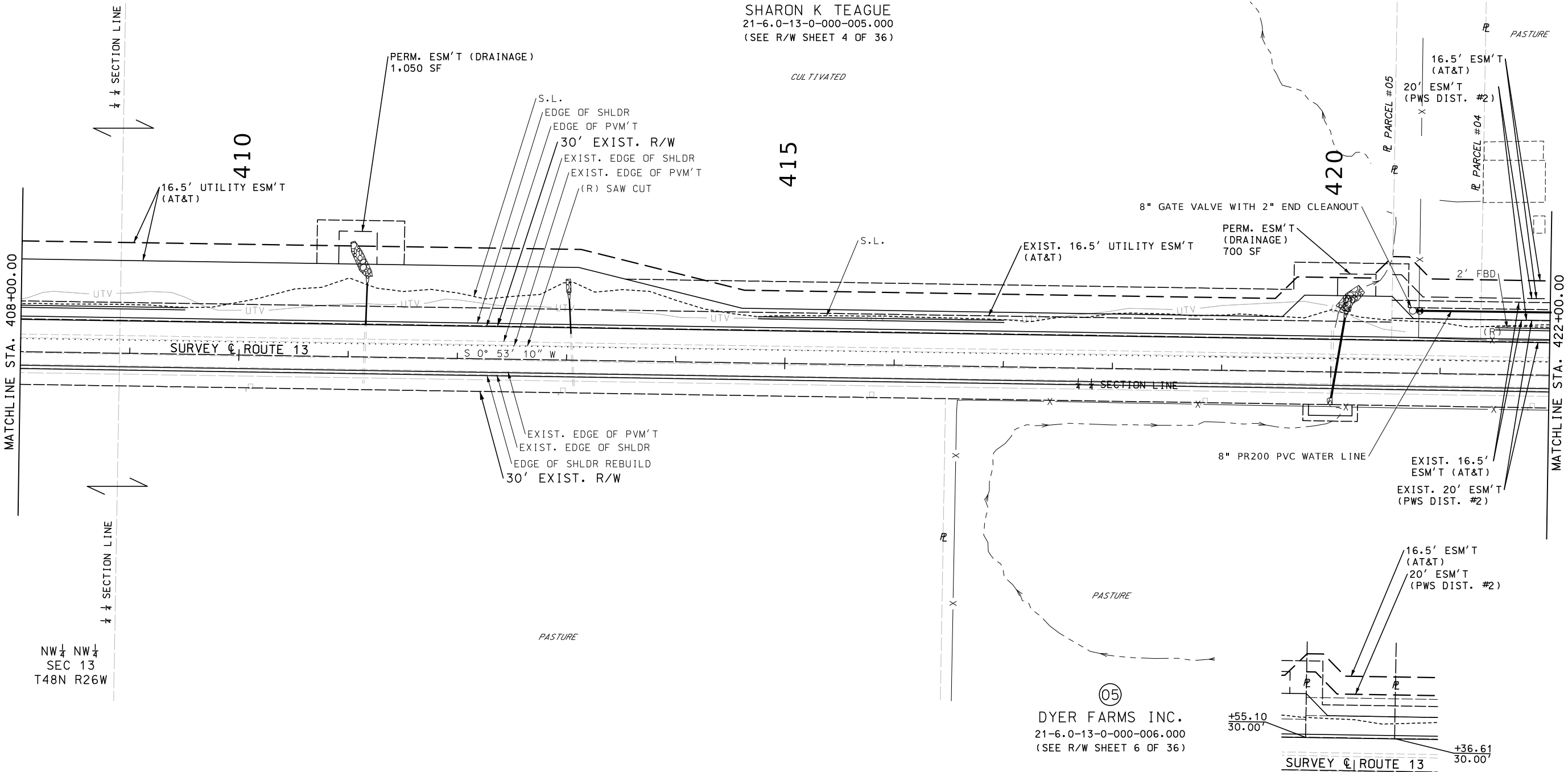


NE 1/4 NW 1/4
SEC 13
T48N R26W

SE 1/4 NW 1/4
SEC 13
T48N R26W

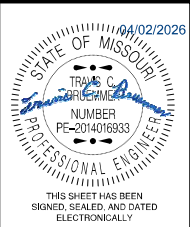
05
DYER
FARMS
INC.
006.000

04
SHARON K TEAGUE
21-6.0-13-0-000-005.000
(SEE R/W SHEET 4 OF 36)



SW 1/4 NW 1/4
SEC 13
T48N R26W

LAFAYETTE CPWSD NO. 2 WATER DISTRICT
WATER LINE SHEET
SHEET 5



DATE PREPARED 3/29/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W05
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

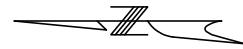
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

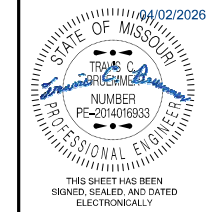
Bartlett & West

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PHONE 572-634-3161
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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SE 1/4 SW 1/4
SEC 13
T48N R26W

NOTE:
STA. 450+00.00 TO STA. 501+10.00
NO RIGHT OF WAY ACQUISITION.
MILL & FILL ONLY.



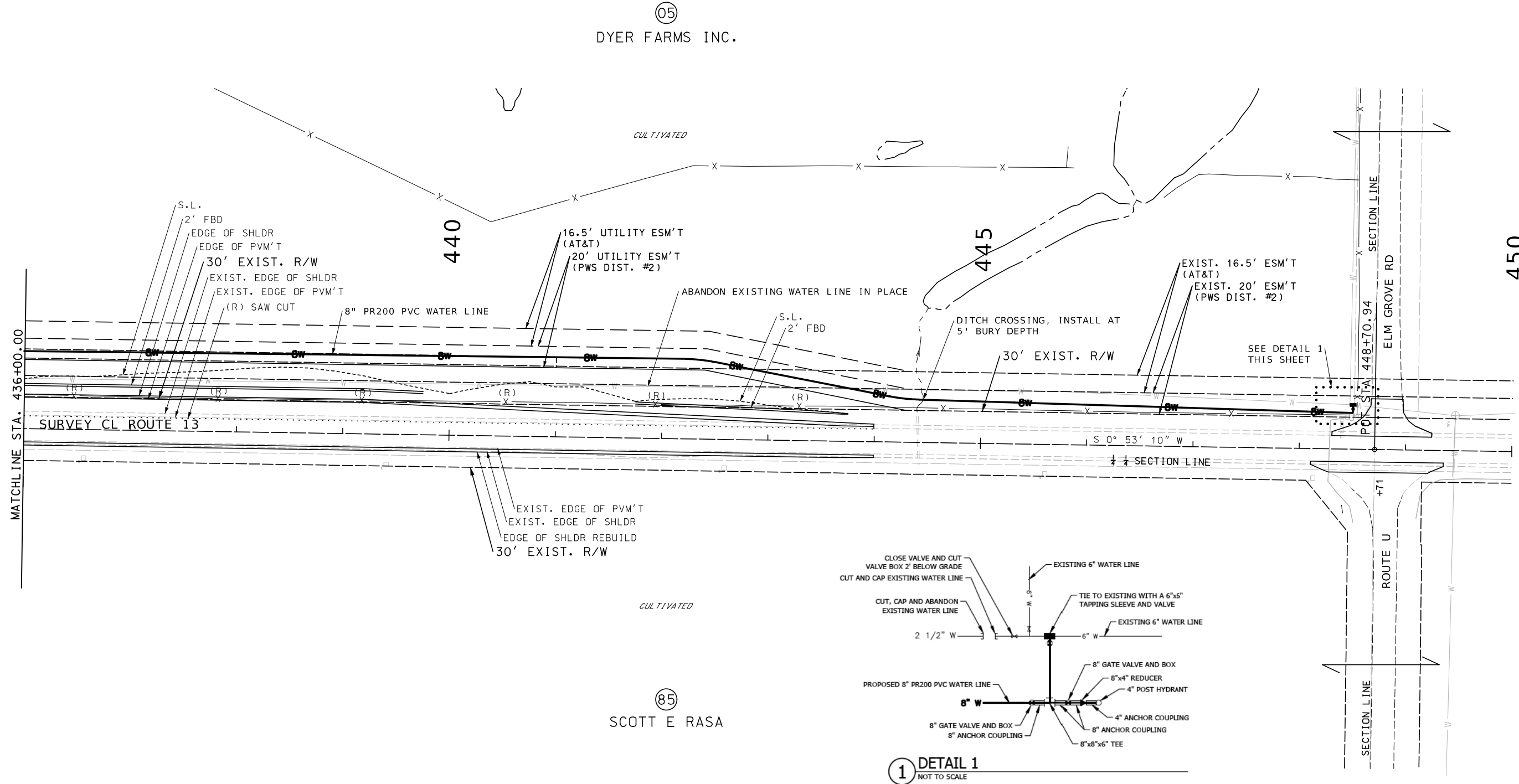
DATE PREPARED 3/29/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W07
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

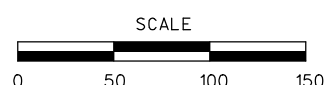
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.



SW 1/4 SW 1/4
SEC 13
T48N R26W

LAFAYETTE CPWSD NO. 2 WATER DISTRICT
WATER LINE SHEET
SHEET 7

NW 1/4
SEC 1
T47N R26W

PASTURE

SUBJECT TO A
40' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 2009, PAGE 51

NW 1/4 SW 1/4
SEC 1
T47N R26W

PASTURE

13
GEORGE E &
LETHA SUE BOLAND

109
JOHNSON CO.

12
RICKEY G &
LYNDA C DYER

125

16.5' UTILITY ESM'T
(UNITED TELEPHONE)

NEW R/W LINE

RELOCATE AND
RECONNECT METER

30' EXIST. R/W

NW 950 ROAD

EXISTING 4" WATER LINE

130

SEE DETAIL 1 THIS SHEET

WATER LINE TO BE INSTALLED
WITHIN 10' OF EXISTING WATER LINE
SEE NOTE 1

SEE NOTE A

SECTION LINE

SEE DETAIL 2 THIS SHEET

EXISTING 3" WATER LINE

EXIST. 20' WATER LINE ESM'T
(PWS DIST. #1)

30' EXIST. R/W

135

16.5' UTILITY ESM'T
(UNITED TELEPHONE)
EXIST. 16.5' UTILITY
ESM'T (UNITED
TELEPHONE)

NEW R/W LINE

PERM. ESM'T
(DRAINAGE)
2,200 SF

1
DETAIL 1
NOT TO SCALE

135

MATCHLINE STA. 124+00.00

MATCHLINE STA. 138+00.00

KENNETH &
AMIEE DRURY
NO ACQUISITION

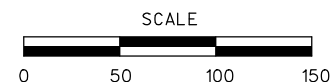
NE 1/4
SEC 2
T47N R26W

APPROX. LOCATION
EXIST. 40' UTILITY
ESM'T (PIPELINE)

BARRY N &
DORIS J WEAVER
NO ACQUISITION

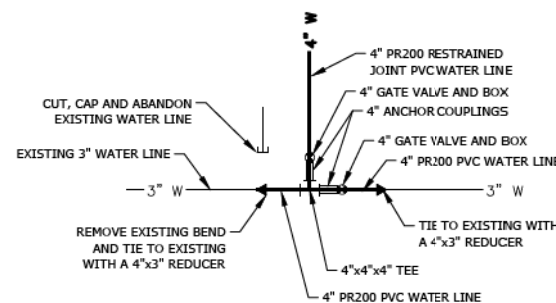
NE 1/4 SE 1/4
SEC 2
T47N R26W

JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 1

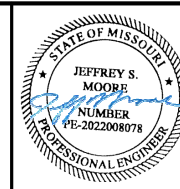
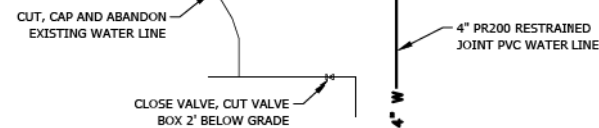


NOTE 1 - CLOSE VALVE, CUT VALVE BOX 2' BELOW GRADE

NOTE A
HIGHWAY 13 CROSSING NO. 1
70' - 10" STEEL CASING WITH 4" PR200 RESTRAINED JOINT PVC, BORE
30' - 4" PR200 RESTRAINED JOINT PVC, OPEN CUT, FITTING TO FITTING



2
DETAIL 2
NOT TO SCALE



04-02-2026

DATE PREPARED
4/1/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
W-08

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

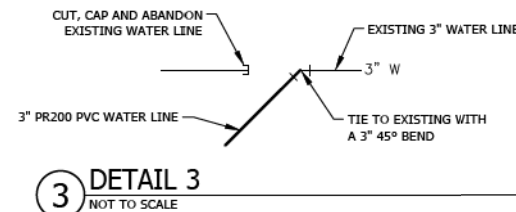
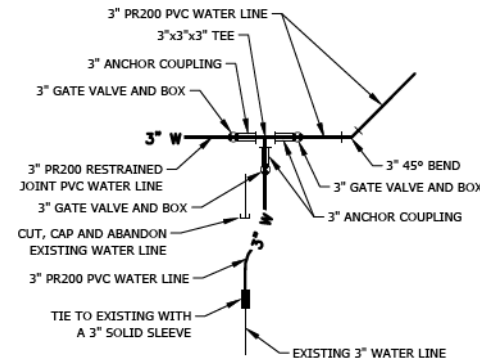
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



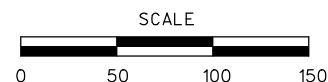
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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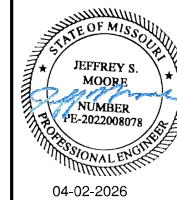
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PHONE 572-634-3161
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2 DETAIL 2
NOT TO SCALE



JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 2



DATE PREPARED
4/1/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W-09

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

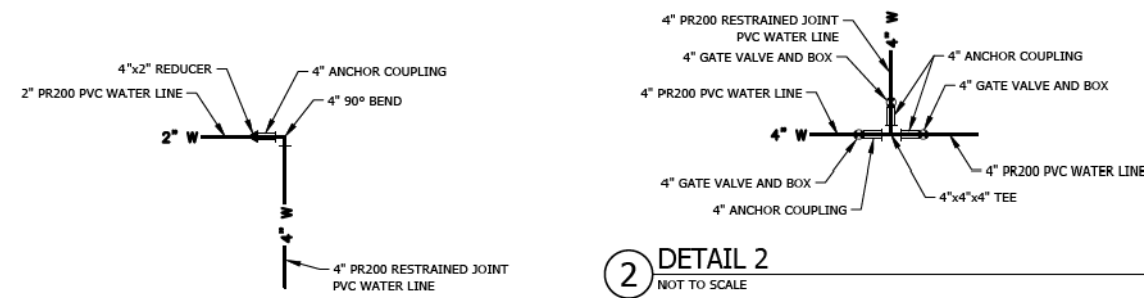
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COMMISSION

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

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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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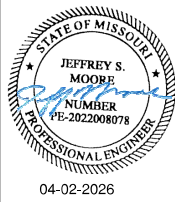
[illegible]



NOTE A
HIGHWAY 13 CROSSING NO. 2
70' - 10" STEEL CASING WITH 4" PR200 RESTRAINED JOINT PVC, BORE
30' - 4" PR200 RESTRAINED JOINT PVC, OPEN CUT

NW 1/4 NW 1/4
SEC 13
T47N R26W

(21)
JOHN ALAN EPPS &
MELISSA RACHEL MCCONNELL



DATE PREPARED 4/1/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W-11
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

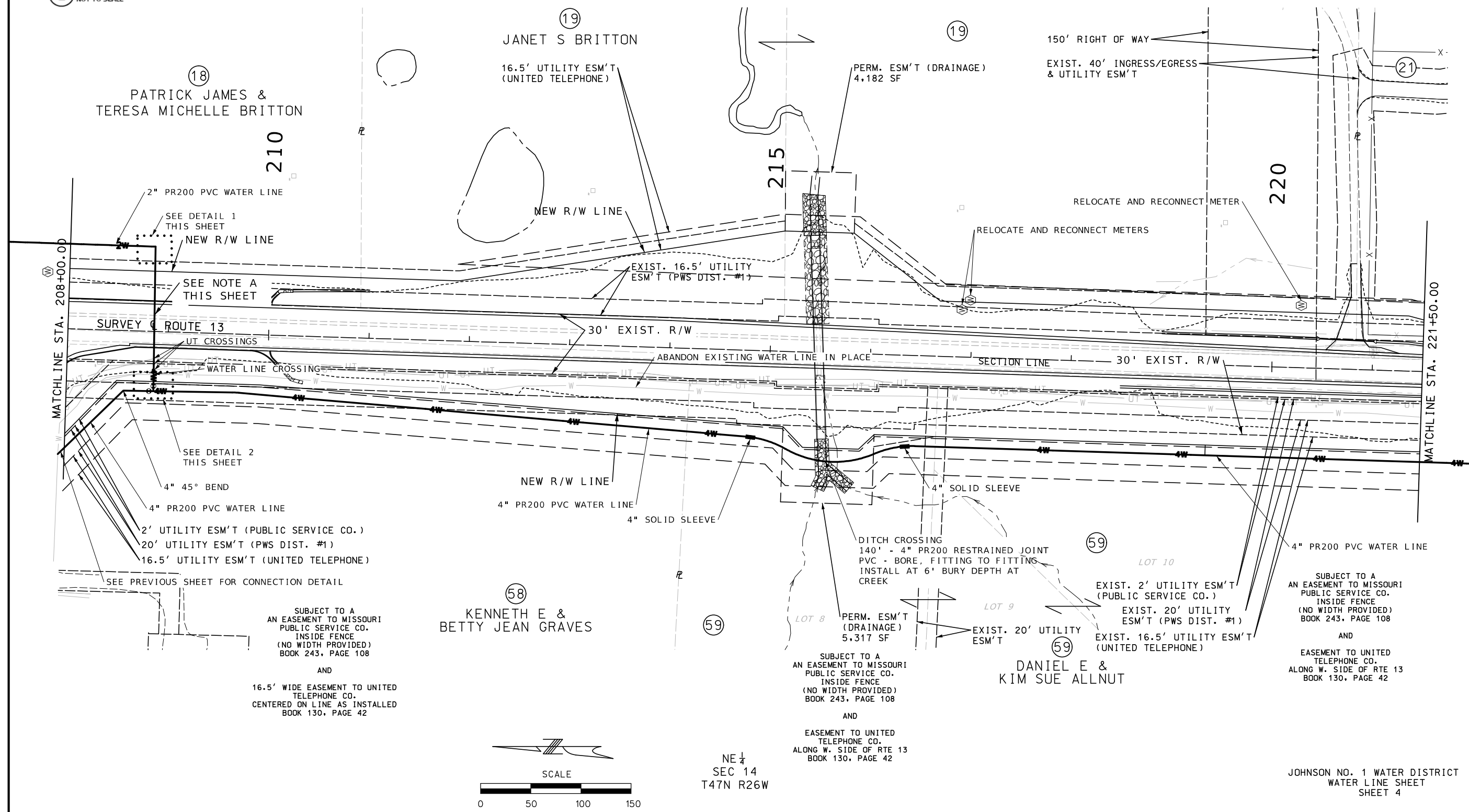
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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

Bartlett & West

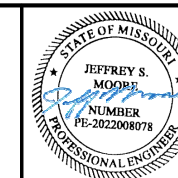
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CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
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(21)
JOHN ALAN EPPS &
MELISSA RACHEL MCCONNELL

| NW $\frac{1}{4}$ SW $\frac{1}{4}$
 | SEC 13
 | T47N R26W



04-02-2026

DATE PREPARED
4/1/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W05

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

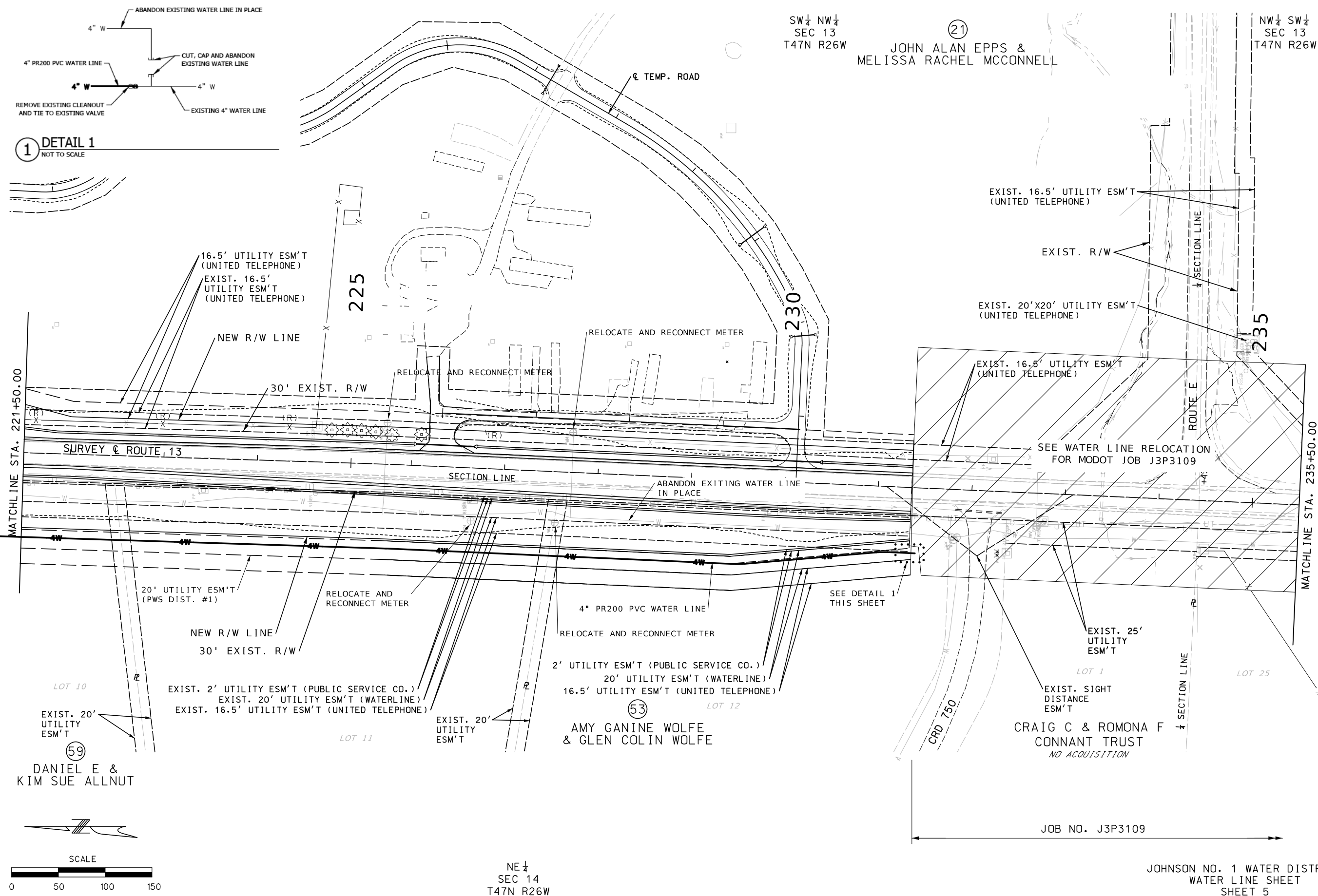
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COMMISSION

Bartlett & West

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CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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[illegible]

REF.



JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 5

pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/18000/18429.003 - PWSID 1 Johnson Co Rte 13 Water Main Rel/OpenRoads Designer/plan_sheets/3 Final Plans/Johnson 1/Water 24 J4P2333 I50.dgn 4:01:03 PM 4/1/2026



NW 1/4 SW 1/4
SEC 13
T47N R26W

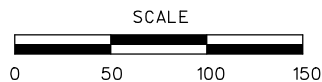
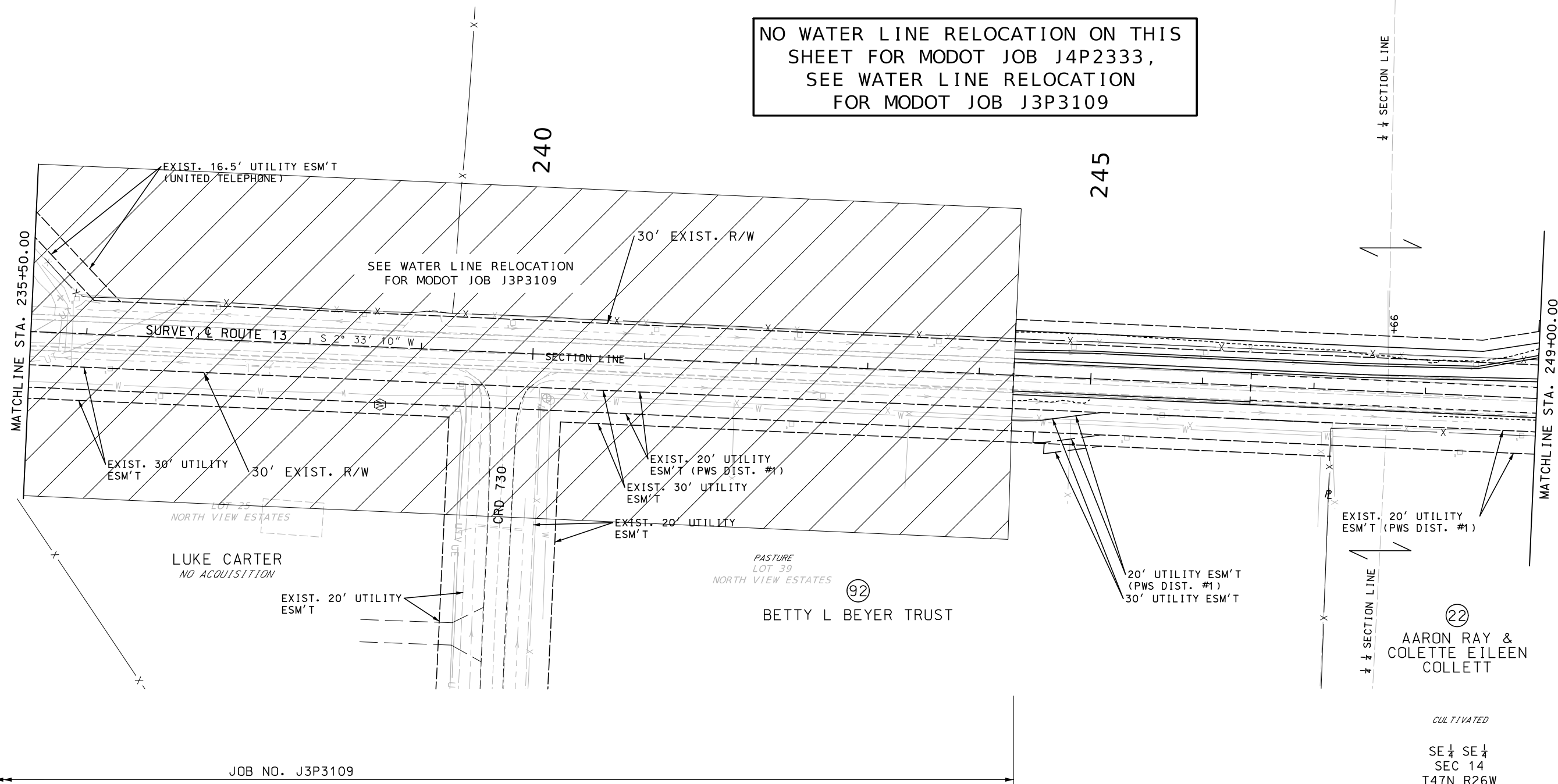
CULTIVATED

(22)
AARON RAY &
COLETTE EILEEN COLLETT

SW 1/4 SW 1/4
SEC 13
T47N R26W

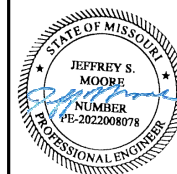
CULTIVATED

NO WATER LINE RELOCATION ON THIS
SHEET FOR MODOT JOB J4P2333,
SEE WATER LINE RELOCATION
FOR MODOT JOB J3P3109



NE 1/4 SE 1/4
SEC 14
T47N R26W

JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 6



04-02-2026

DATE PREPARED
4/1/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. W-13

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

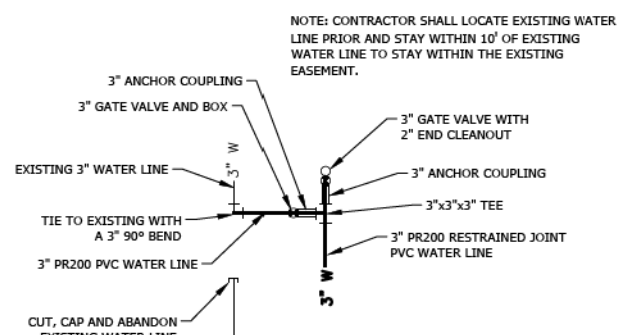
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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STATE OF MISSOURI
JEFFREY S. MOORE
NUMBER
PE-2022008078
PROFESSIONAL ENGINEER
04-02-2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W-14

COUNTY
LAFAYETTE / JOHNSON
JOB NO.
J4P2333
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

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NOI	

[illegible]

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[illegible]

CAPITOL
 65102
 5-6636

05 WEST C
CITY, MO
1-888-27

AND TR
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MIS	

est
MO 65101
ENGINEERING

W
PERSON CITY, N
181
00167 - ENGIN
T.COM

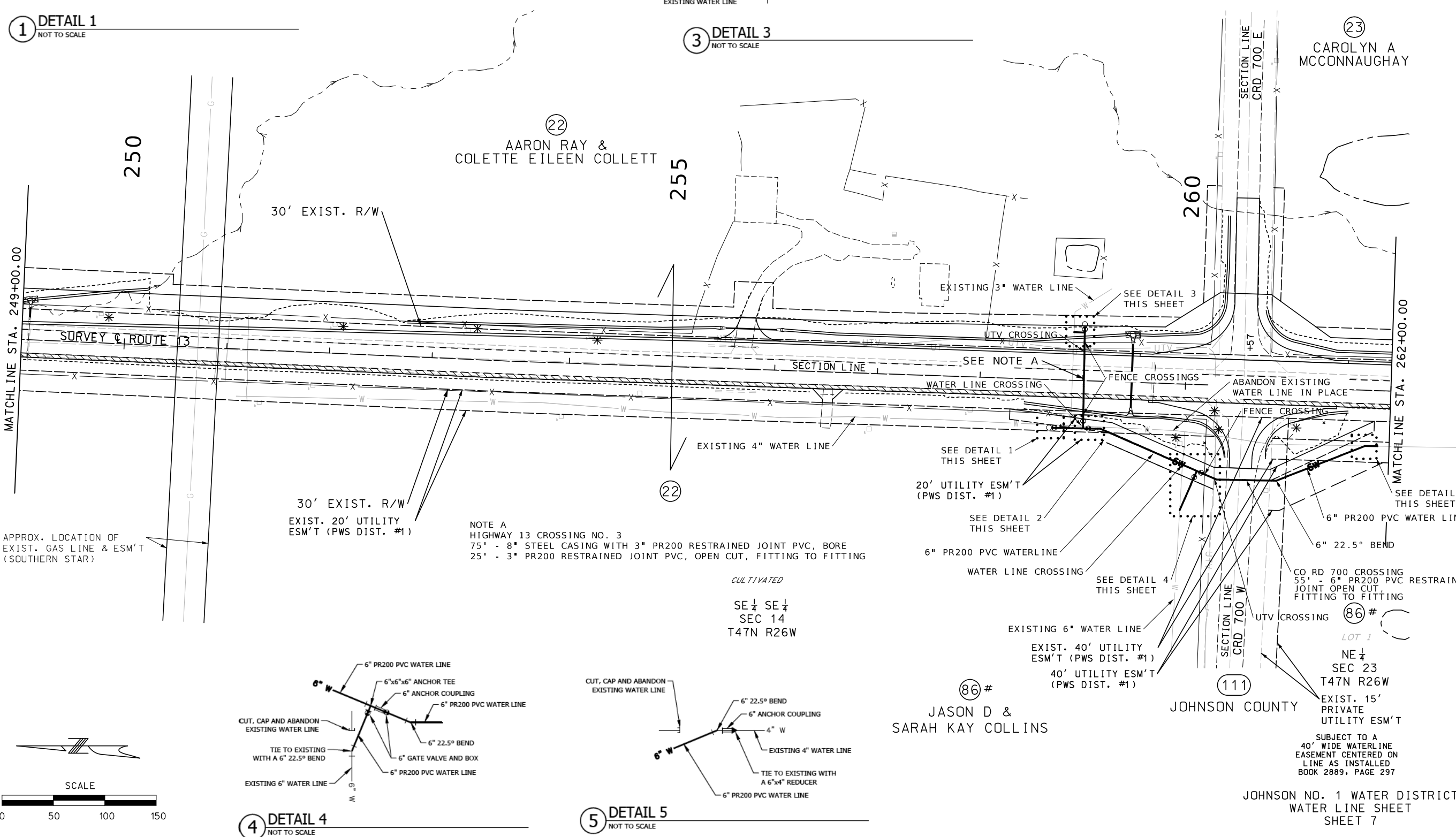
tt&

tl

Bar

39 PM 4/1/2020

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



SCALE



0 50 100 150

4 DETAIL 4
NOT TO SCALE

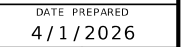
5 DETAIL 5
NOT TO SCALE

JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 7



23
CAROLYN A MCCONNAUGHAY

SW $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 24
T47N R26W



ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W-15

COUNTY
AFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

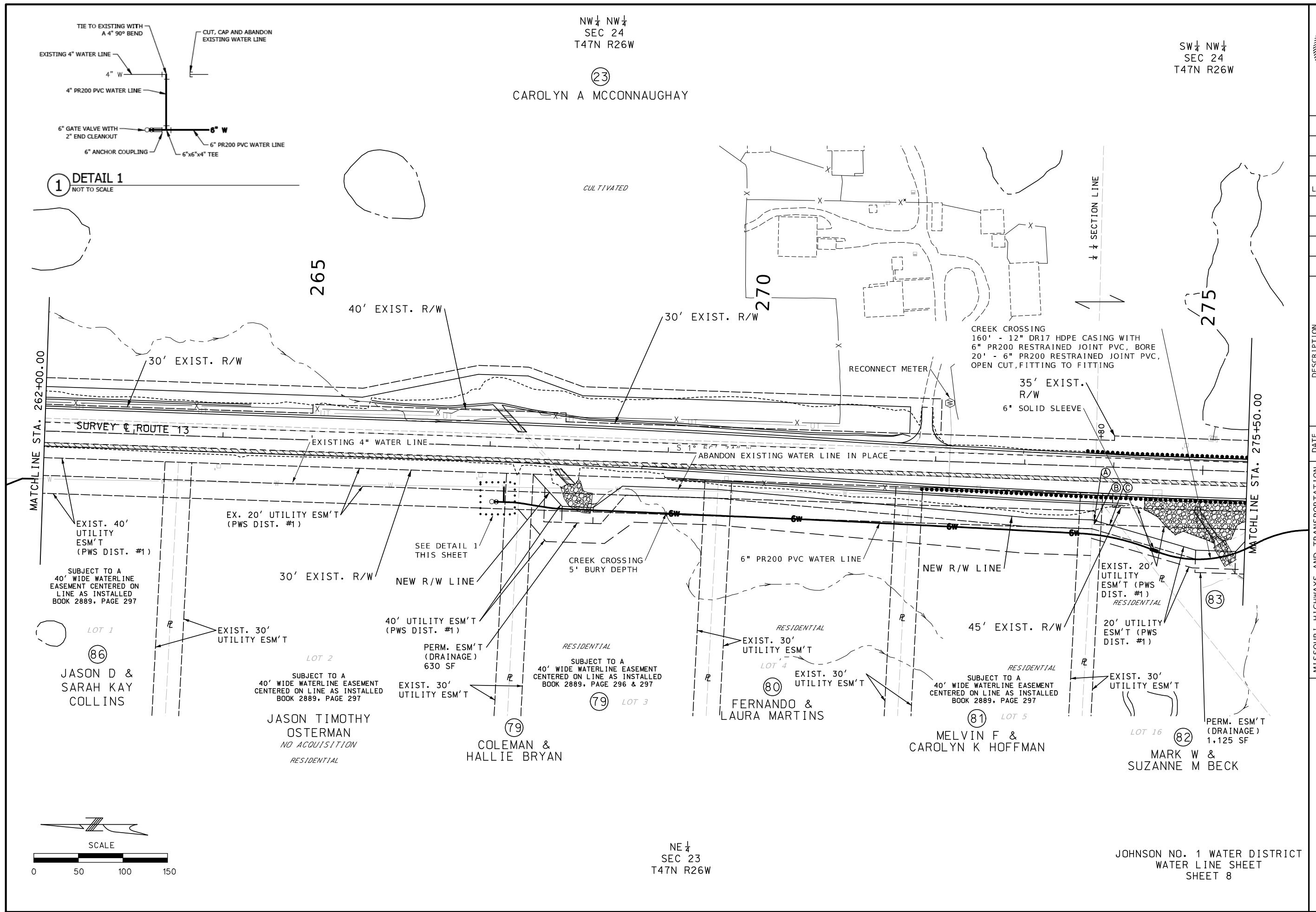
BRIDGE NO. _____

[illegible]

102
36)



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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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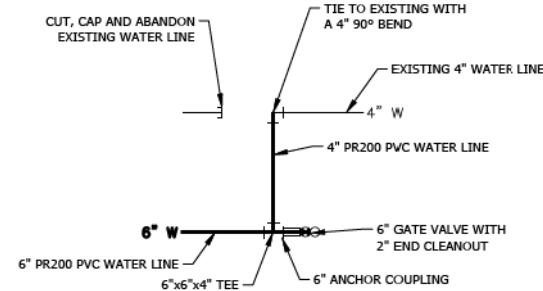




SW 1/4 NW 1/4
SEC 24
T47N R26W

LIBERTY BAPTIST CHURCH
NO ACQUISITION

NW 1/4 SW 1/4
SEC 24
T47N R26W



1 DETAIL 1
NOT TO SCALE

PASTURE

25
JOHN E &
JANICE P ANGEL

285

RELOCATE AND
RECONNECT METER

MATCHLINE STA. 289+00.00

MATCHLINE STA. 27+50.00

SURVEY, & ROUTE 13

30' EXIST. R/W

LIBERTY CEMETERY

280

SECTION LINE

ABANDON EXISTING WATER LINE IN PLACE

6" SOLID SLEEVE

NEW R/W LINE

30' EXIST. R/W

CREEK CROSSING,
SEE PREVIOUS SHEET

82
MARK W &
SUZANNE M BECK

83
ROBERT DALE
MANNERING

EXIST. 20' UTILITY
ESM'T (PWS DIST. #1)
20' UTILITY ESM'T
(PWS DIST. #1)

GRAVEL DRIVE CROSSING

6" PR200 PVC WATER LINE

RELOCATE AND
RECONNECT METER

FENCE CROSSING

EXISTING 4" WATER LINE

SEE DETAIL 1 THIS SHEET

PASTURE

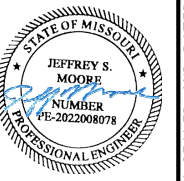
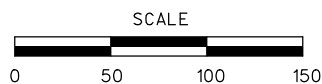
NE 1/4 SE 1/4
SEC 23
T47N R26W

SUBJECT TO A
WATERLINE EASEMENT CENTERED
ON LINE AS INSTALLED
BOOK 572, PAGE 103

60
MARION D &
HENRIETTA CLARK

JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 9

NE 1/4
SEC 23
T47N R26W



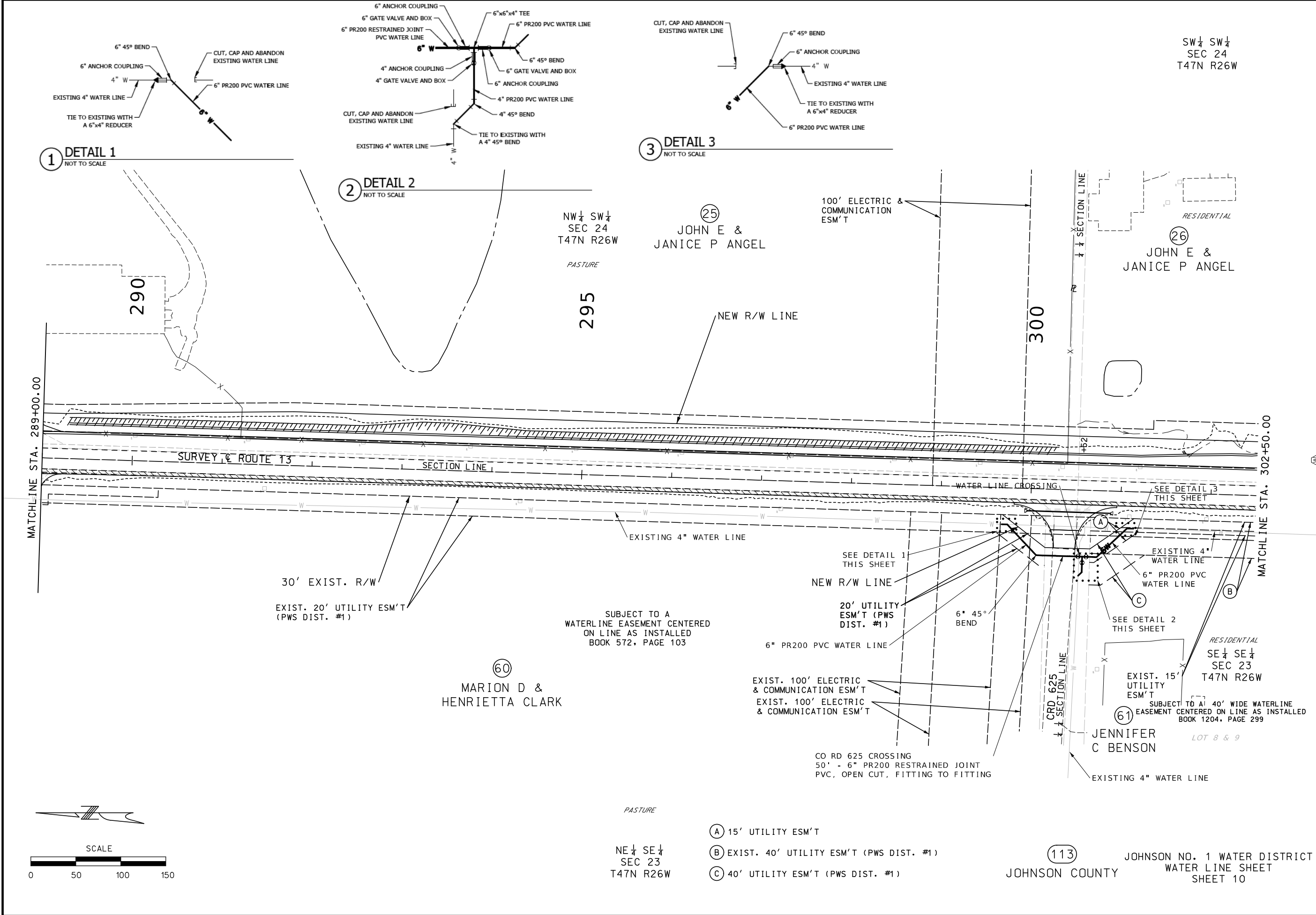
DATE PREPARED
4/1/2026
ROUTE 13 STATE MO
DISTRICT KC SHEET NO. W-16
COUNTY LAFAYETTE / JOHNSON
JOB NO. J4P2333
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 572-634-3161
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
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STATE OF MISSOURI

JEFFREY S. MOORE

PROFESSIONAL ENGINEER

NUMBER 16-202208071

04-02-2026

DATE PREPARED

4/1/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

W-17

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

Bartlett & West

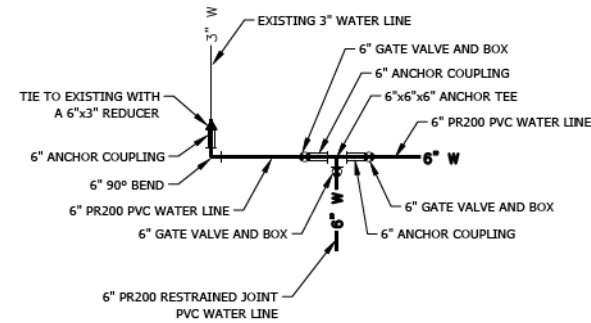
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101

PHONE 572-634-3161

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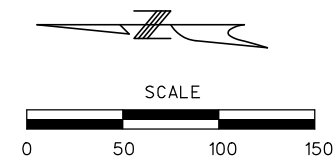
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NW $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 25
T47N R26W

2 DETAIL 2
NOT TO SCALE

1 **DETAIL 1**
NOT TO SCALE

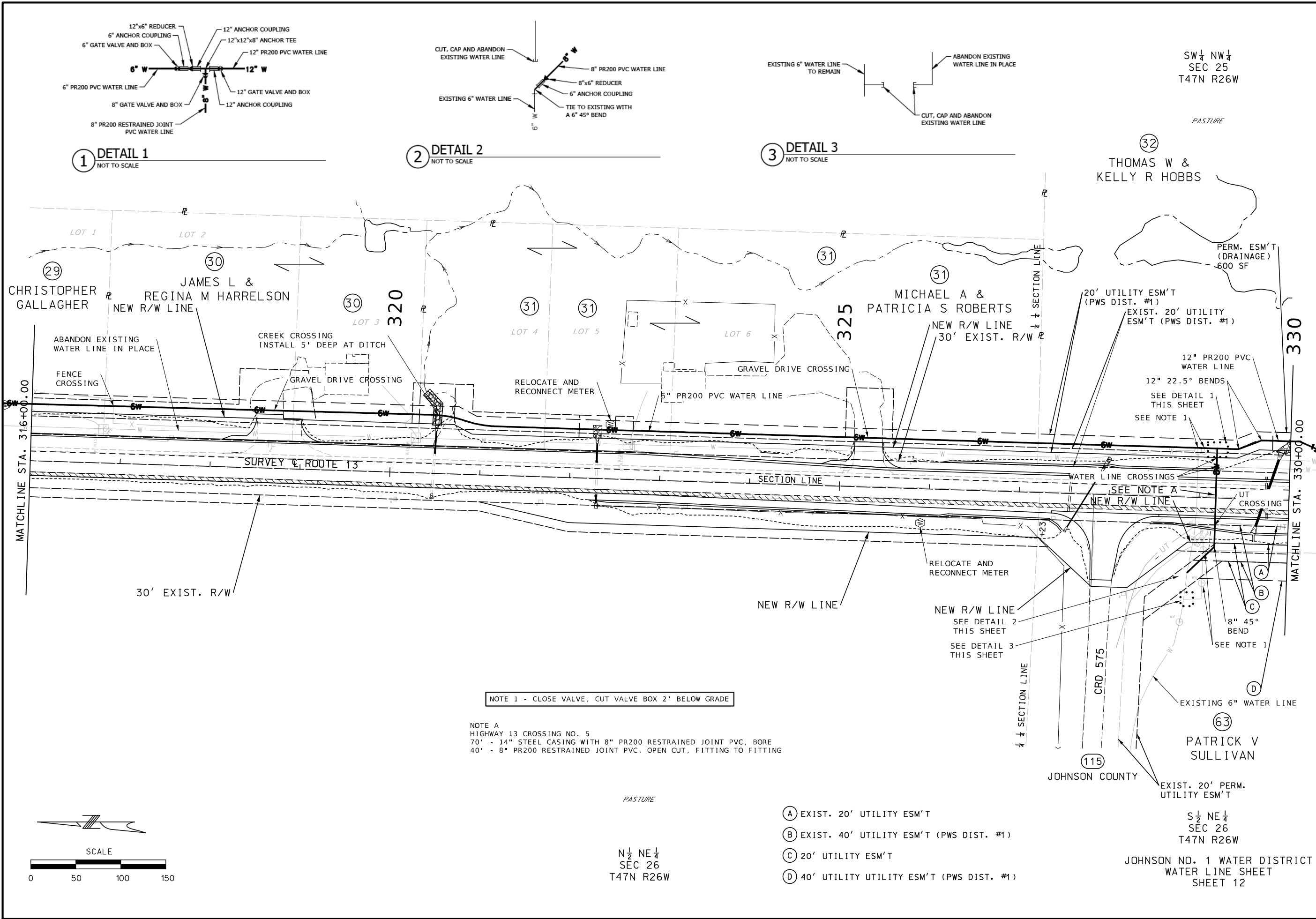


(A) EXIST. 20' UTILITY ESM'T (PWS DIST. #1)
(B) MAILBOX TURNOUT

N $\frac{1}{2}$ NE $\frac{1}{4}$
SEC 26
T47N R26W

JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 11





STATE OF MISSOURI

JEFFREY S. MOORE

PROFESSIONAL ENGINEER

NUMBER 16-202208071

04-02-2026

DATE PREPARED

4/1/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

W-19

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

Bartlett & West

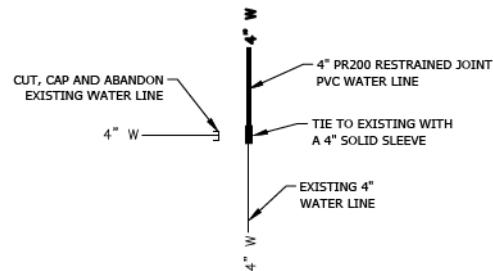
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101

PHONE 572-634-3161

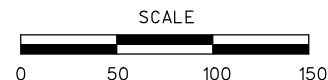
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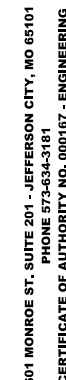
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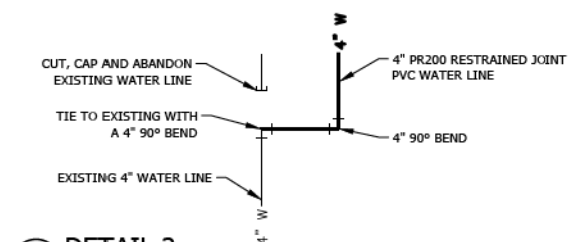


2 DETAIL 2
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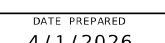


SE $\frac{1}{4}$
SEC 26 JOHNSON NO. 1 WATER DISTRICT
T47N R26W WATER LINE SHEET
SHEET 13





BOYD O &
PATRICIA M STEVENSON



AFAYETTE / JOHNSON

CONTRACT ID.

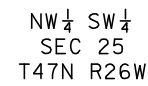
PROJECT NO. _____

BRIDGE NO. _____

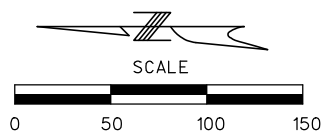
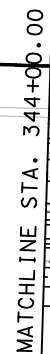


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[illegible]

SUBJECT TO A 20' WIDE
WATERLINE EASEMENT CENTERED
ON LINE AS INSTALLED BOOK
572, PAGE 266



NOTE 1 - CLOSE VALVE, CUT VALVE BOX 2' BELOW GRADE

SE $\frac{1}{4}$
SEC 26
T47N R26W

NOTE A
HIGHWAY 13 CROSSING NO. 7
75' - 10" STEEL CASING WITH 4" PR200 RESTRAINED JOINT PVC, BORE
25' - 4" PR200 RESTRAINED JOINT PVC, OPEN CUT, FITTING TO FITTING

JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 14

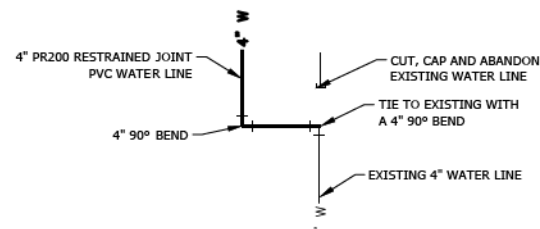


Diagram illustrating the installation of a new 12" PR200 PVC water line, showing the connection to an existing 2" water line and the installation of a gate valve and box, a bend, a restrained joint, a service saddle and corp stop, and a cut/cap/abandon point.

- EXISTING 2" WATER LINE
- DIG BACK EXISTING 2" WATER LINE AND TIE TO EXISTING WITH A 2" COUPLING
- 2" PR200 PVC WATER LINE
- 12" GATE VALVE AND BOX
- 12" 22.5° BEND
- 12" PR200 PVC WATER LINE
- 12" PR200 RESTRAINED JOINT PVC WATER LINE
- 12"x2 SERVICE SADDLE AND CORP STOP
- CUT, CAP AND ABANDON EXISTING WATER LINE



STATE OF MISSOURI
JEFFREY S. MOORE
NUMBER
PE-2022008078
PROFESSIONAL ENGINEER
04-02-2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W-22

JOB NO.
J3P2333
CONTRACT ID.

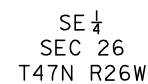
BRIDGE NO.



MISSOURI DEPARTMENT OF TRANSPORTATION
COMMUNICATIONS

105 WEST CAPITOL
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NE $\frac{1}{4}$ NE $\frac{1}{4}$
SEC 35
T47N R26W

JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 15

pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/18000/18429.003 - PWSD 1 Johnson Co Rte 13 Water Main Rel/OpenRoads Designer/plan sheets/3 Final Plans/Johnson 1/Water 35 J4P2333 I50.dgn 9:11:27 PM 4/1/2026

