

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



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

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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

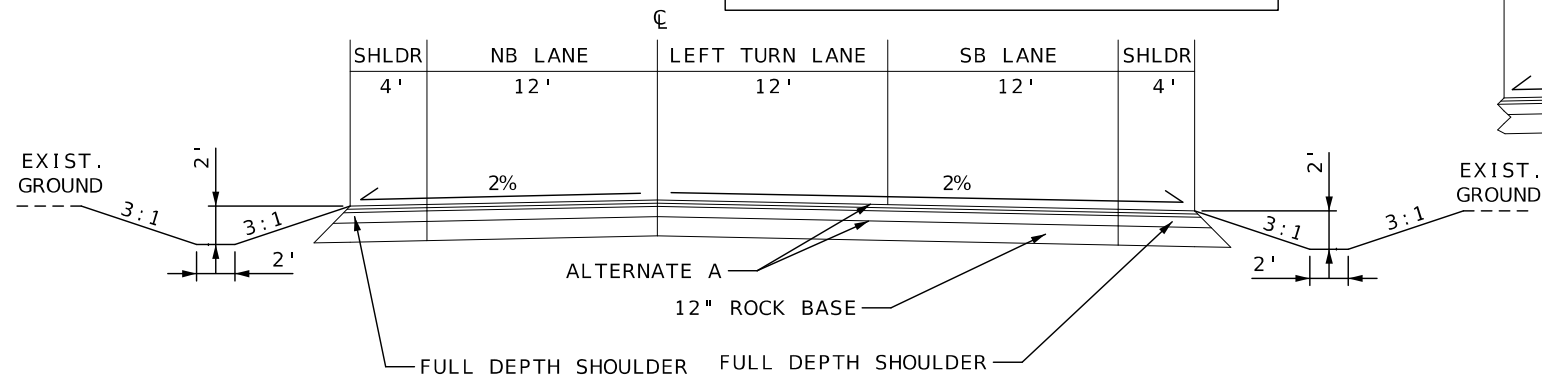
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

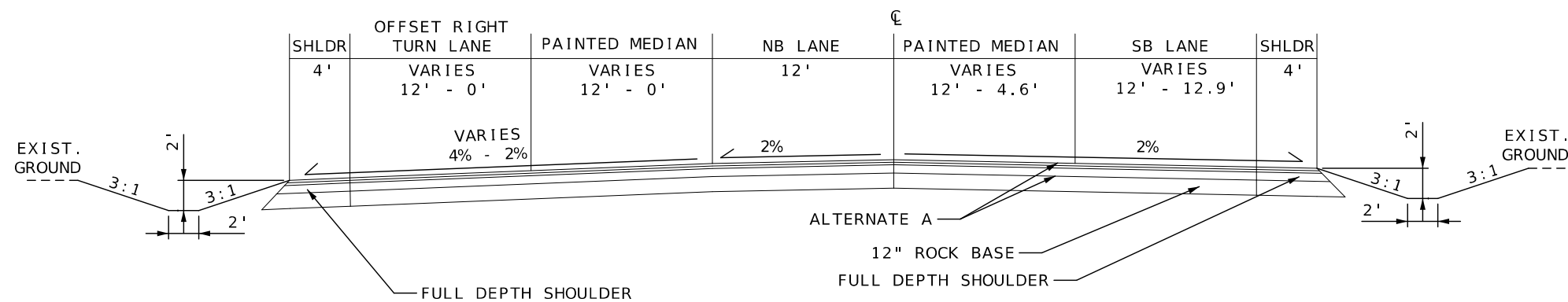
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SP125C = 1.999
SP190C = 2.018

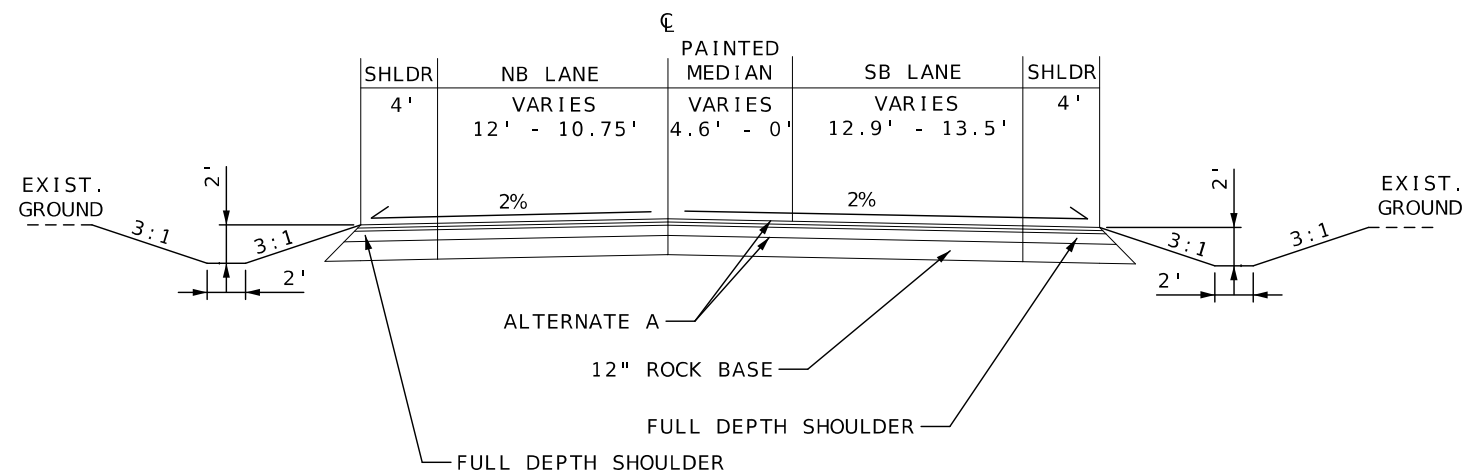
NOTES:
(1) STA. 231+35.68 TO STA. 231+75.00
NB LANE WIDTH: 11.65' TO 12'
SB LANE WIDTH: 12.35' TO 12'



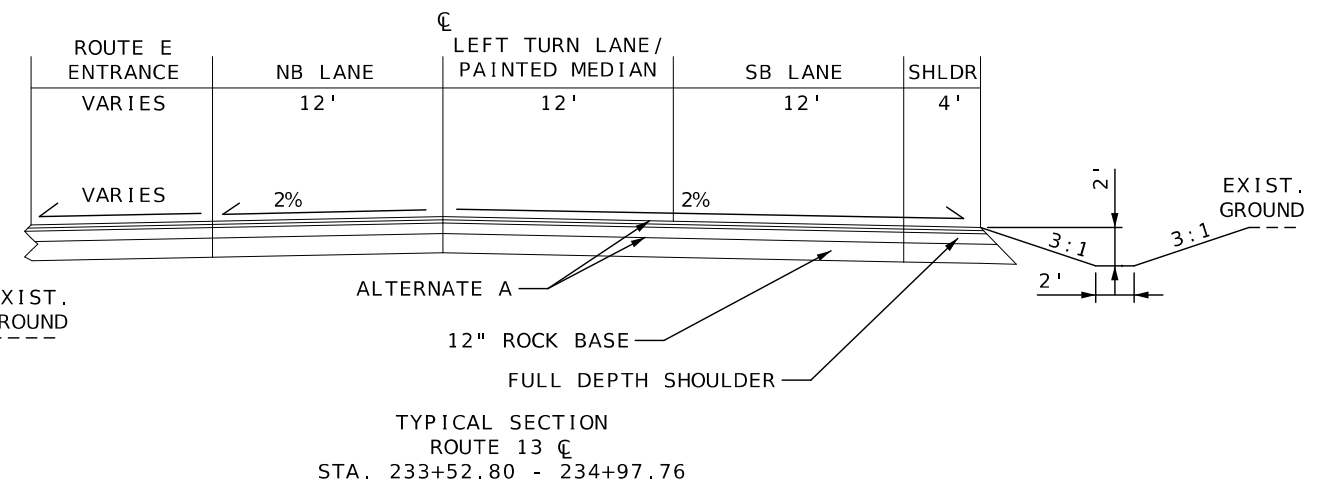
TYPICAL SECTION
ROUTE 13 C
STA. 231+35.68 - STA. 233+52.80
SEE NOTE (1) FOR DETAILS



TYPICAL SECTION
ROUTE 13 C
STA. 234+97.76 - STA. 239+70.00
SEE NOTES (2), (3), AND (4) FOR DETAILS



TYPICAL SECTION
ROUTE 13 C
STA. 239+70.00 - STA. 244+31.02
SEE NOTES (3), (5), (6), AND (7) FOR DETAILS



NOTES:

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

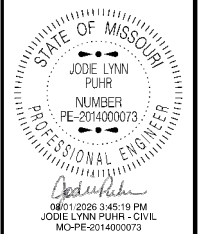
(3) STA. 235+08.92 TO STA. 242+58.92
RT PAINTED MEDIAN WIDTH: 12' TO 0'
SB LANE WIDTH: 12' TO 13.5'

(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 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



DATE PREPARED
7/28/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	2

COUNTY
JOHNSON

JOB NO.
J3P3109

9513185
CONTRACT ID.

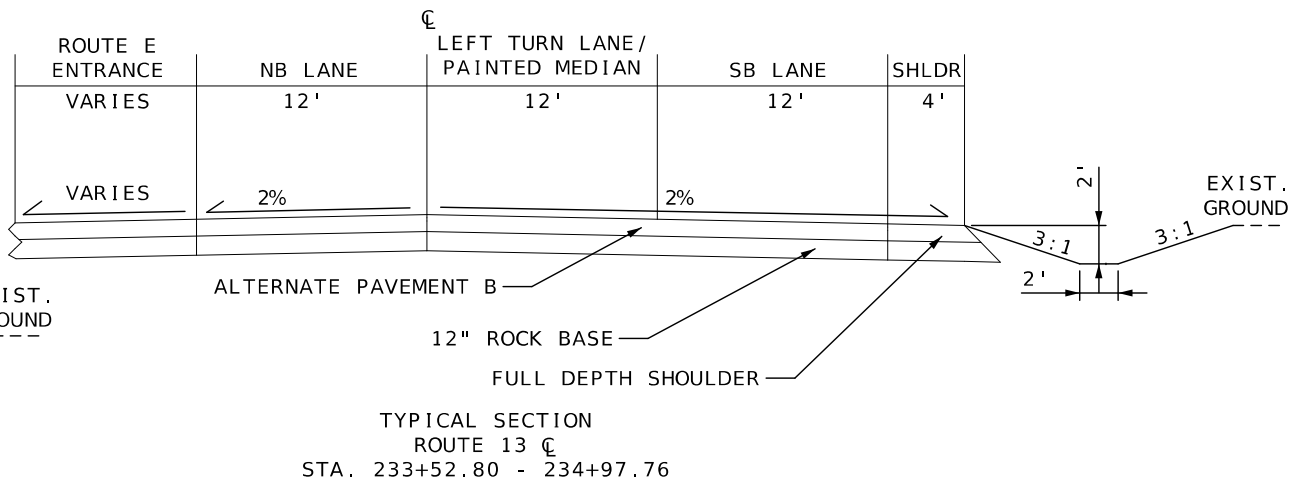
PROJECT NO.

BRIDGE NO.

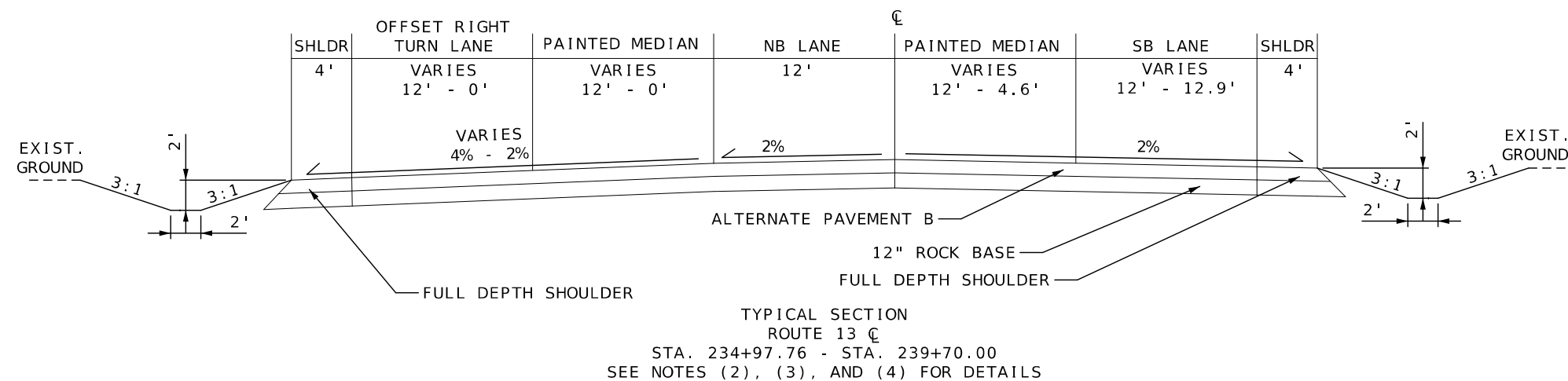
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

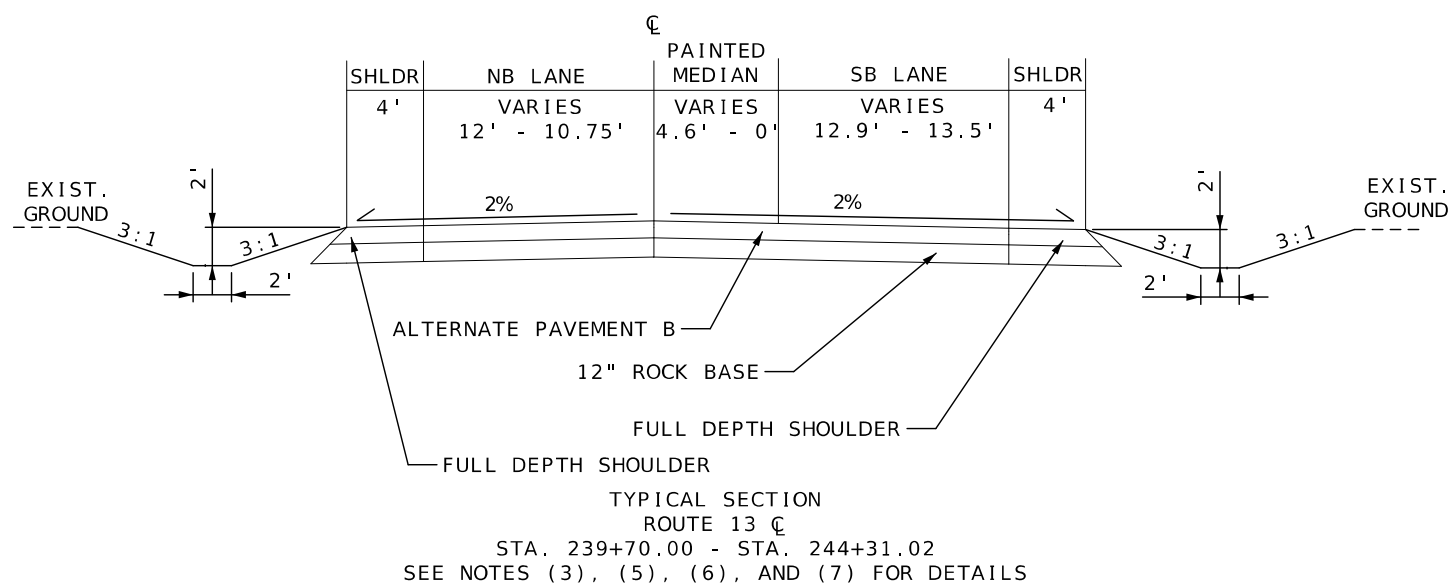
 105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



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

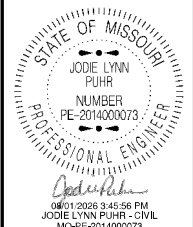


TYPICAL SECTION
ROUTE 13 C
STA. 234+97.76 - STA. 239+70.00
SEE NOTES (2), (3), AND (4) FOR DETAILS



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

TYPICAL SECTION SHEET
2 OF 3



DATE PREPARED
7/28/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 2

COUNTY
JOHNSON

JOB NO.
J3P3109

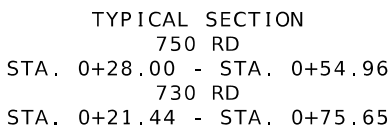
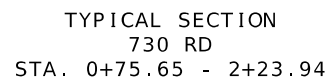
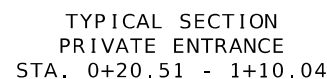
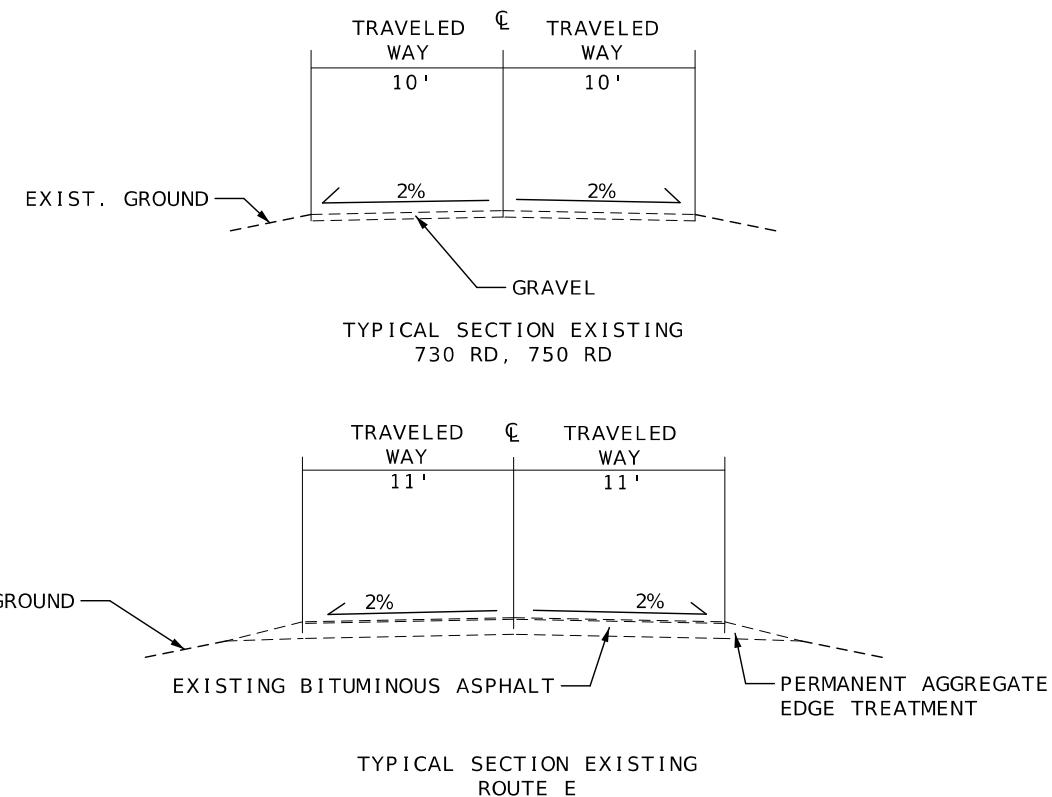
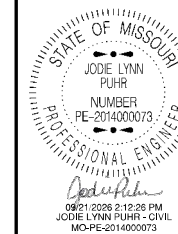
CONTRACT ID.

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)

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


DATE PREPARED
9/1/2026

ROUTE	STATION
13	MOORE

DISTRICT	SHEET
KC	2

COUNTY
JOHNSON

JOB NO.
13P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]


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

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

DETOUR RELOCATION	
TOTAL	LUMP SUM

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.		
		15" (LF)	18" (LF)	42" (LF)	15" (EACH)	18" (EACH)	42" (EACH)
ROUTE 13 CL	232+09.53		47.2				
ROUTE 13 CL	233+43.90			93.0			2
TEMP ENTRANCE CL	0+10.52	24.8			2		
TOTAL		25	47	93	2	2	2

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.)
ROUTE 13 CL	231+35.68	235+29.11	1803.3	462.7	
ROUTE 13 CL	235+29.11	244+31.02	16419.0	1.5	
ROUTE 13 CL	239+77		1738.0	0.3	
TEMP ENTRANCE CL	0+00.00	6+01.28			6.0
TEMP ENTRANCE CL	0+10.52				0.4
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

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

10/14/2026 9:56:35 AM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

10/14/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
3

COUNTY
JOHNSON

JOB NO.
J3P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

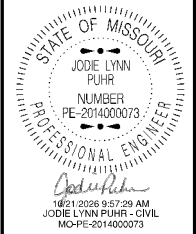
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

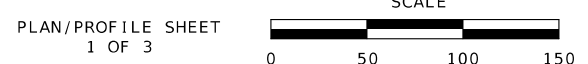
SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2025			
IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.	IN.		SQ. FT.	EACH	SQ. FT.	NO.	NUMBER	QTY	DESCRIPTION								
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT 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	6161099	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)	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM			
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS			
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED			
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6173700B		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)			TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED			
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED			
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER			
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED			
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED	6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS			
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT			
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6208064A		TEMPORARY RAISED PAVEMENT MARKER			
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	9029400		TEMPORARY TRAFFIC SIGNALS			
WO8-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00	2	20.00				ROAD CLOSED	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING			
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY						
WO8-9	48X48	16.00						LOW SHOULDER	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC						
WO8-11	48X48	16.00						UNEVEN LANES	CONST-3A	60X48	20.00						FINE SIGN						
WO8-12	48X48	16.00						NO CENTER LINE	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)						
WO8-15	48X48	16.00						GROOVED PAVEMENT	MISCELLANEOUS SIGNS														
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-5	48X36	12.00						POINT OF PRESENCE						
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-5	96X48	32.00						POINT OF PRESENCE						
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE						
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (															

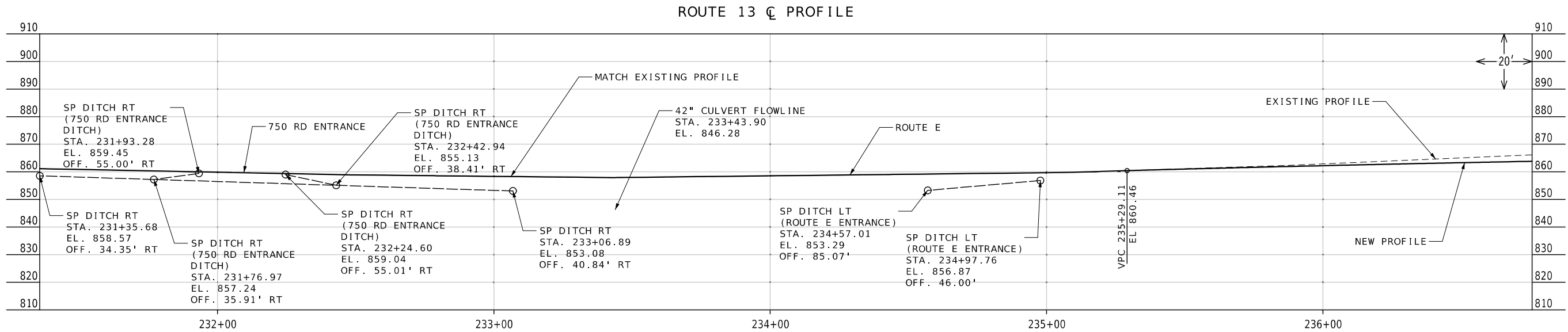
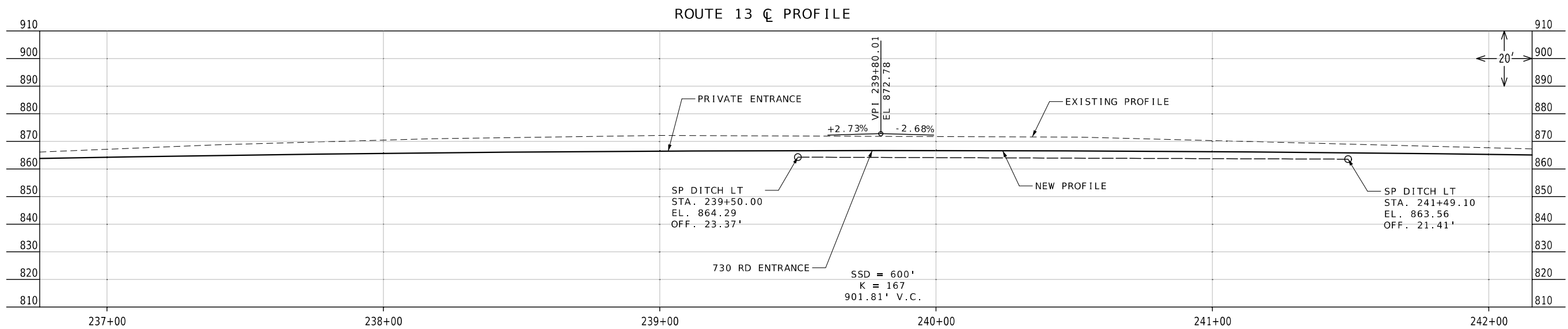
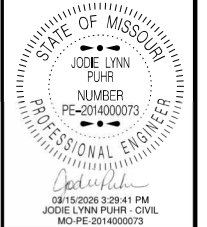
ALL BEARINGS SHOWN ARE MODIFIED STATE PLANE BEARINGS, WESTERN ZONE

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

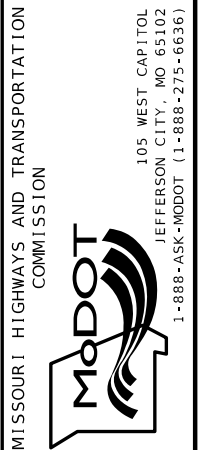
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)





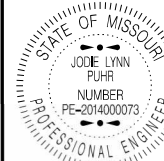
DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 5
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION





JOE LYNN PLUHAR
PE-2014000073
03/15/2026 3:30:26 PM
JOE LYNN PLUHAR - CIVIL
MO-PE-2014000073



JOE LYNN PLUHAR
PE-2014000073
03/15/2026 3:30:26 PM
JOE LYNN PLUHAR - CIVIL
MO-PE-2014000073

DATE PREPARED

3/12/2026

ROUTE STATE

13 MO

DISTRICT SHEET NO.

KC 6

COUNTY

JOHNSON

JOB NO.

J3P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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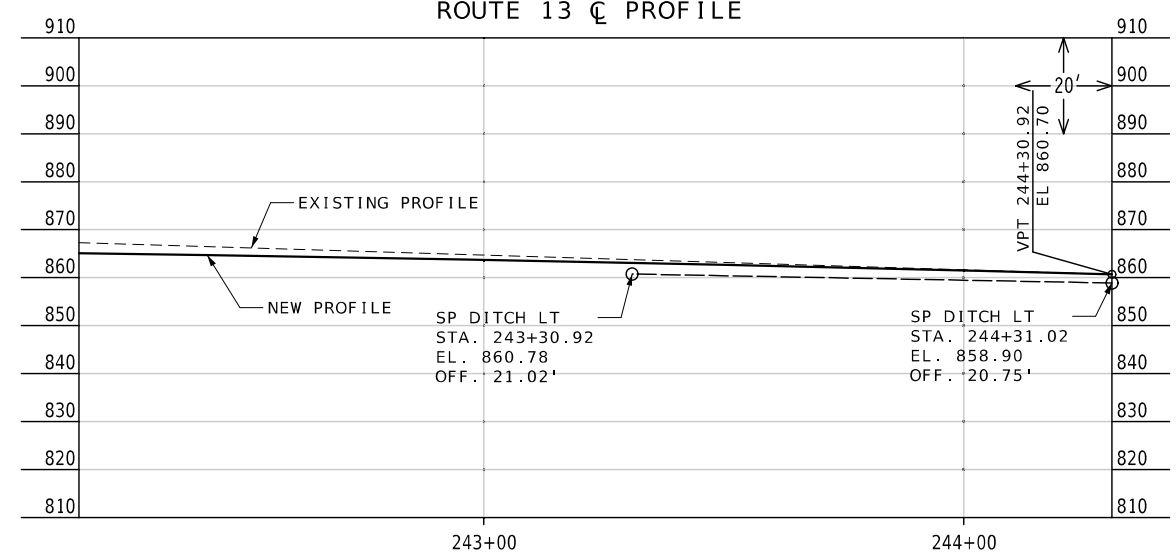
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ROUTE 13 C PROFILE

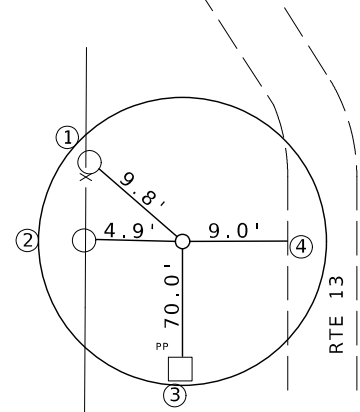


MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

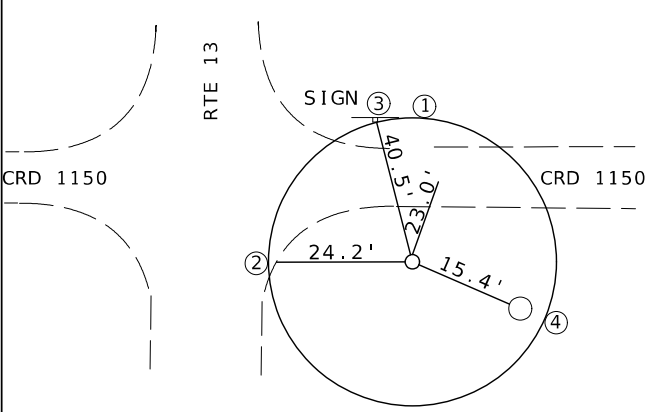
- CONTROL POINT #108
1. WOOD FENCE POST
 2. WOOD FENCE POST
 3. POWER POLE
 4. WEST EDGE OF RTE 13



5/8" IRON BAR WITH ALUMINUM CAP 0.80 MILES SOUTH OF ROUTE U TO STATION ON THE RIGHT

NORTHING: 1,009,850.889
EASTING: 3,006,182.977
ELEVATION: 865.58'

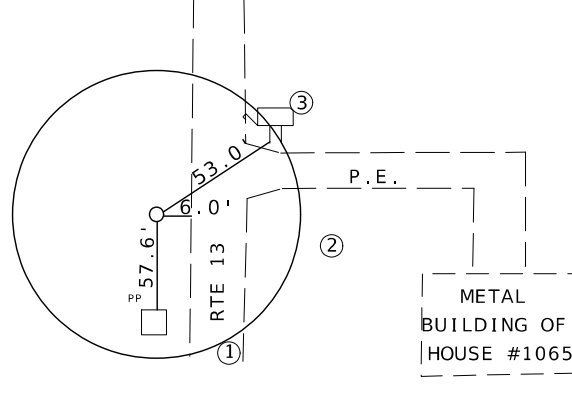
- CONTROL POINT #109
1. CENTERLINE OF CR 1150
 2. EAST EDGE OF RTE 13
 3. STOP SIGN
 4. TELEPHONE MARKER POST



5/8" IRON BAR WITH ALUMINUM CAP 1.5 MILES SOUTH OF ROUTE U TO STATION ON THE LEFT

NORTHING: 1,006,205.197
EASTING: 3,006,135.927
ELEVATION: 872.35'

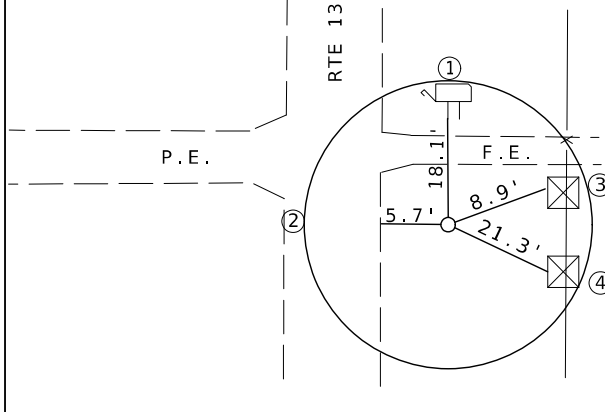
- CONTROL POINT #110
1. POWER POLE
 2. WEST EDGE OF RTE 13
 3. MAIL BOX #1065



5/8" IRON BAR WITH ALUMINUM CAP 2.4 MILES SOUTH OF ROUTE U TO STATION ON THE RIGHT

NORTHING: 1,001,498.111
EASTING: 3,005,924.657
ELEVATION: 856.67'

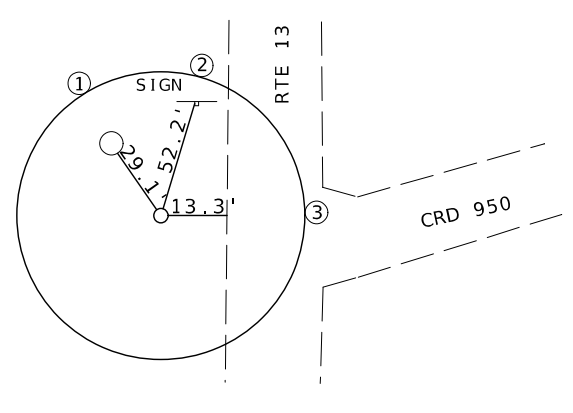
- CONTROL POINT #111
1. MAILBOX
 2. EAST EDGE OF RTE 13
 3. GATE POST
 4. GATE POST



5/8" IRON BAR WITH ALUMINUM CAP 2.9 MILES SOUTH OF ROUTE U TO STATION ON THE LEFT

NORTHING: 999,332.662
EASTING: 3,005,899.432
ELEVATION: 839.22'

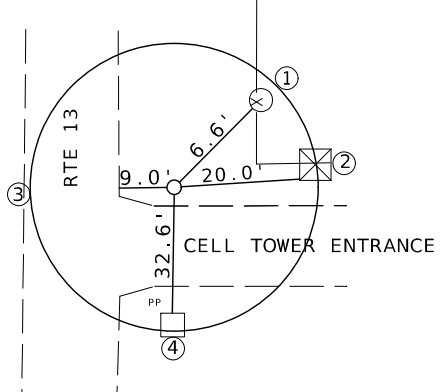
- CONTROL POINT #112
1. TELEPHONE MARKER POST
 2. SCHOOL BUS STOP SIGN
 3. WEST EDGE OF RTE 13



5/8" IRON BAR WITH ALUMINUM CAP 3.5 MILES SOUTH OF ROUTE U TO STATION ON THE RIGHT

NORTHING: 996,023.969
EASTING: 3,005,743.593
ELEVATION: 875.59'

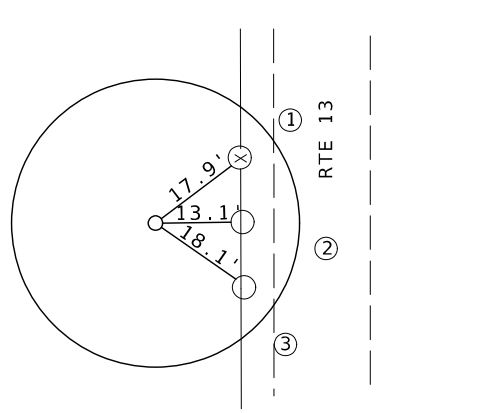
- CONTROL POINT #113
1. CORNER POST
 2. GATE POST
 3. EAST EDGE OF RTE 13
 4. POWER POLE



5/8" IRON BAR WITH ALUMINUM CAP 4.0 MILES SOUTH OF ROUTE U TO STATION ON THE LEFT

NORTHING: 993,347.551
EASTING: 3,005,713.880
ELEVATION: 872.22'

- CONTROL POINT #114
1. N/S ON WOOD FENCE POST
 2. N/S ON WOOD FENCE POST
 3. N/S ON WOOD FENCE POST



5/8" IRON BAR WITH ALUMINUM CAP 4.8 MILES SOUTH OF ROUTE U TO STATION ON THE RIGHT

NORTHING: 989,385.263
EASTING: 3,005,513.202
ELEVATION: 864.55'

NOTE:
N/S = NAIL AND SHINER

REFERENCE POINT
SHEET
SHEET 1 OF 2

STATE OF MISSOURI
JOE LYNN
P.U.H.R.
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
02/15/2026 3:31:48 PM
JOE LYNN P.U.H.R. - CIVIL
MO-PE-2014000073

DATE PREPARED
3/12/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
8

COUNTY
JOHNSON

JOB NO.
J3P3109

CONTRACT ID.

PROJECT NO.

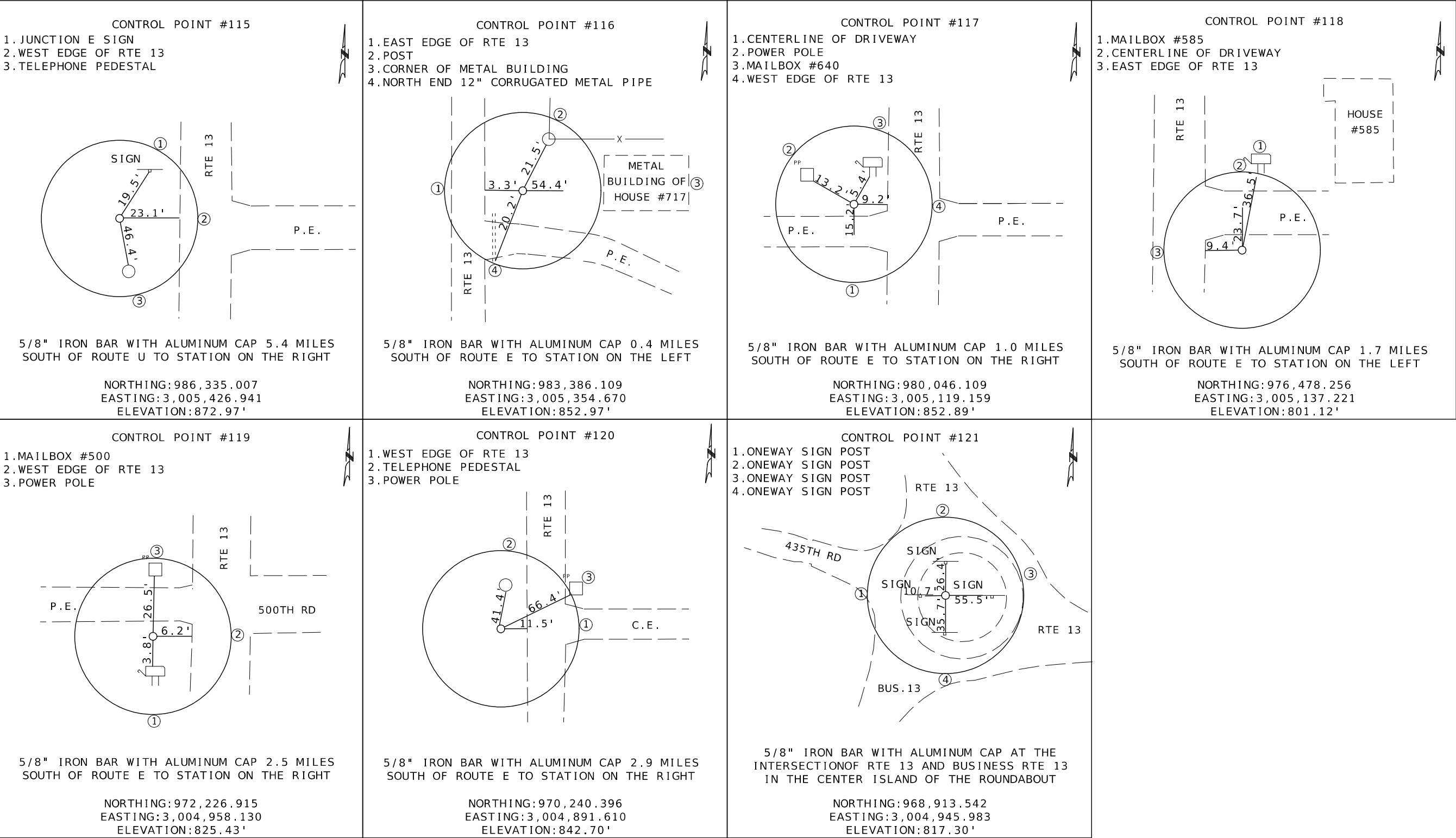
BRIDGE NO.

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

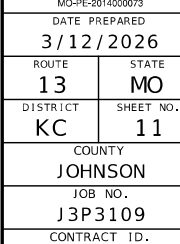
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT

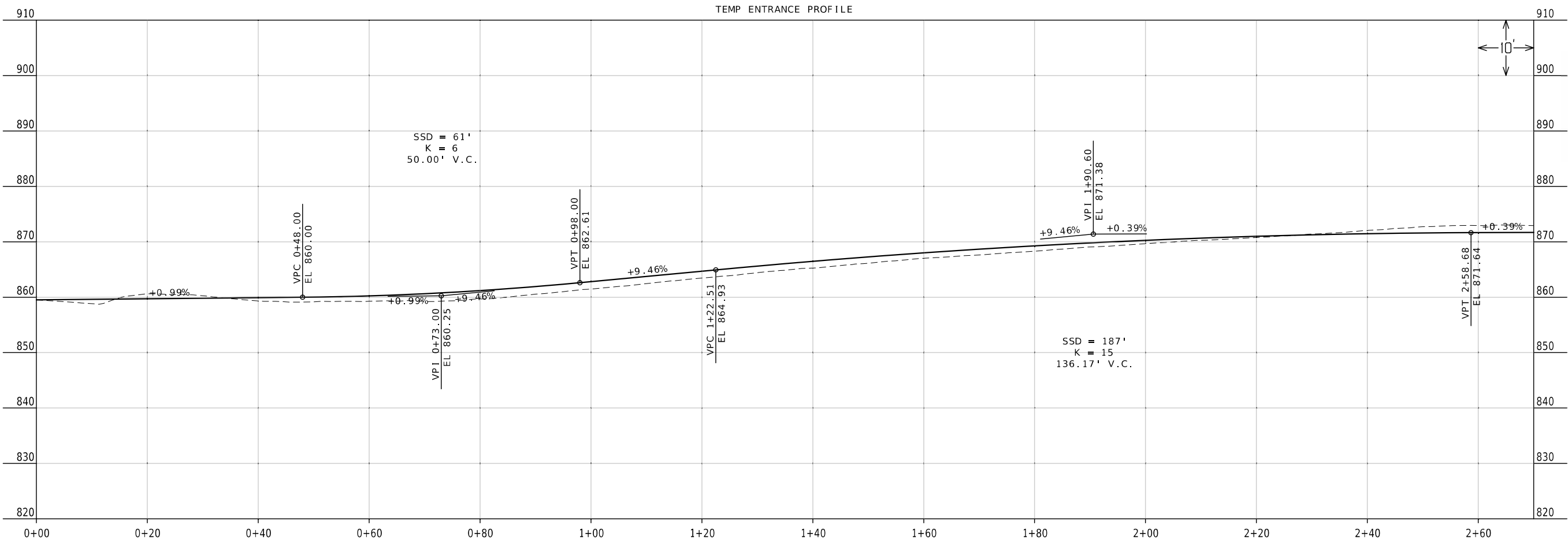
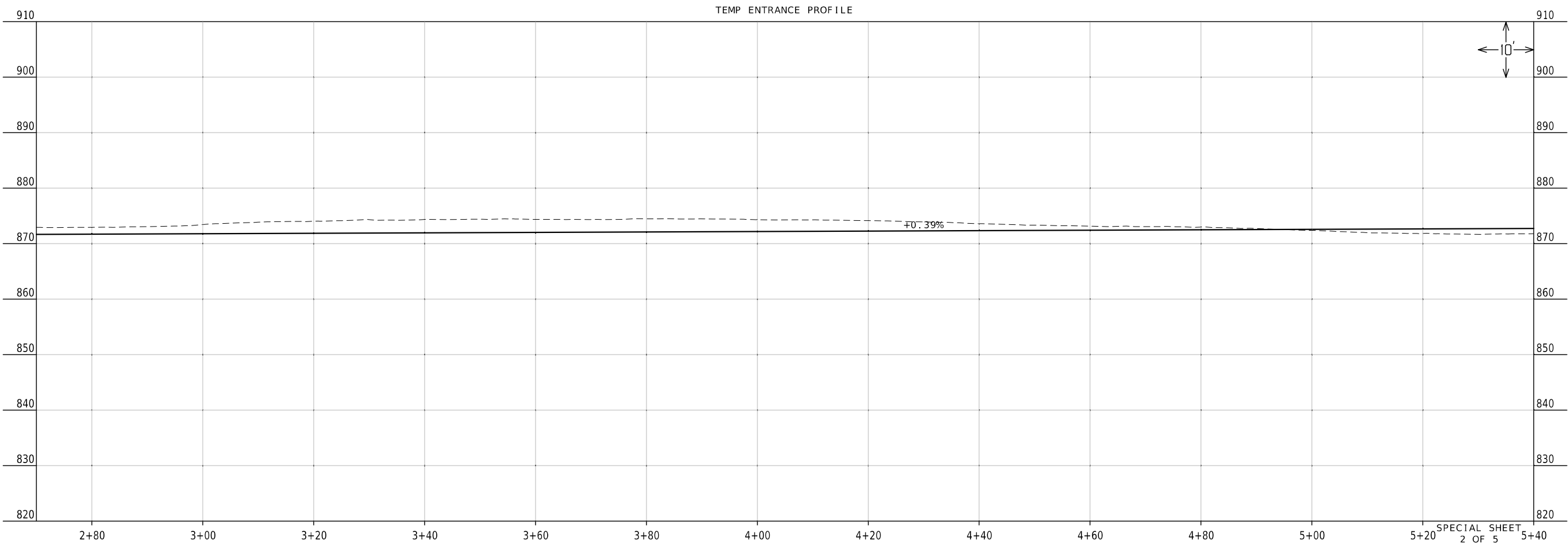
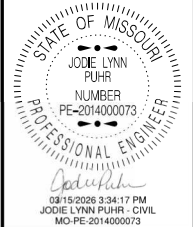


PROJECT NO.
BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

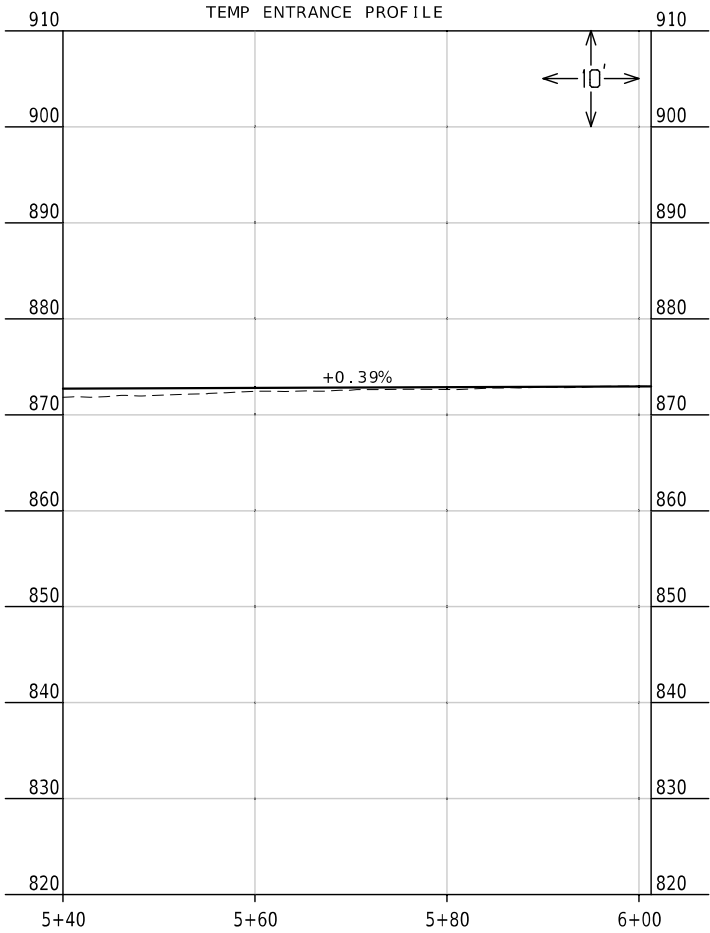
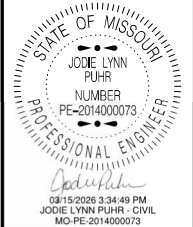


DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 12
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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.

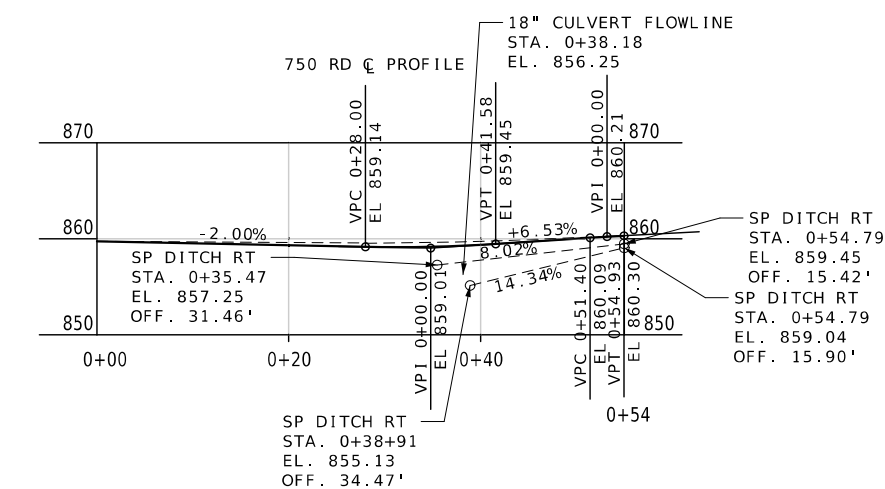
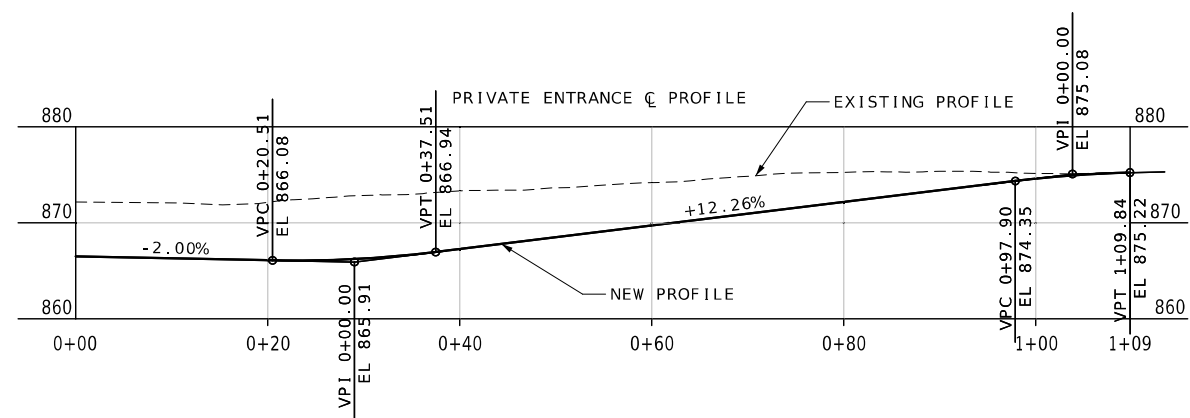
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



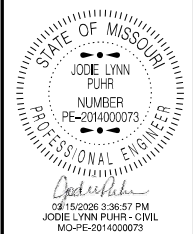
SPACING AND TAPER LENGTHS FOR WORK ZONE SIGNS, CHANNELIZERS AND CONCRETE BARRIER

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

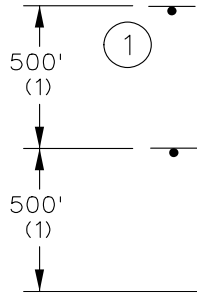
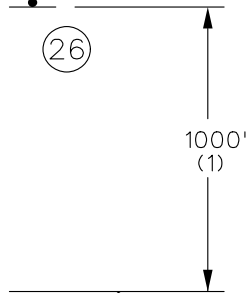
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



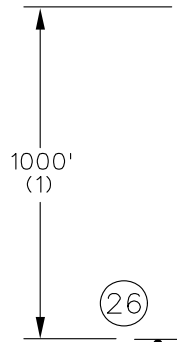
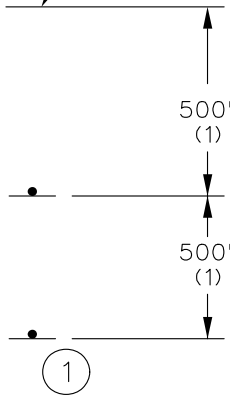
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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)

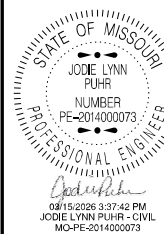
END
ROAD WORK

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

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BRIDGE NO.

1. *Journal of the American Medical Association*, 2000; 283: 2639-2644.



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

ROAD
CLOSED

R11-2

29

WORK
AREA

BUFFER
SPACE

29

S OR
SA

S OR
SB

ROAD
CLOSED
1000FT

W020-3a

ROAD
WORK
AHEAD

W020-1

BRIDGE
OR
RAMP
W025-6



ROAD CLOSED
MILES AHEAD
LOCAL TRAFFIC ONLY

R11-3a

NOTES:

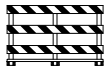
SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.

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

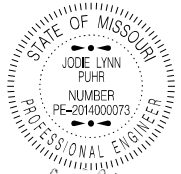
WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

"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	STATE
13	MO
DISTRICT	SHEET NO.
KC	19

COUNTY
JOHNSON

JOB NO.
J3P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



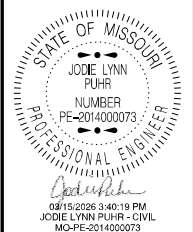
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MATCHLINE TC SHEET 6

[illegible]

TRAFFIC CONTROL LEGEND

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



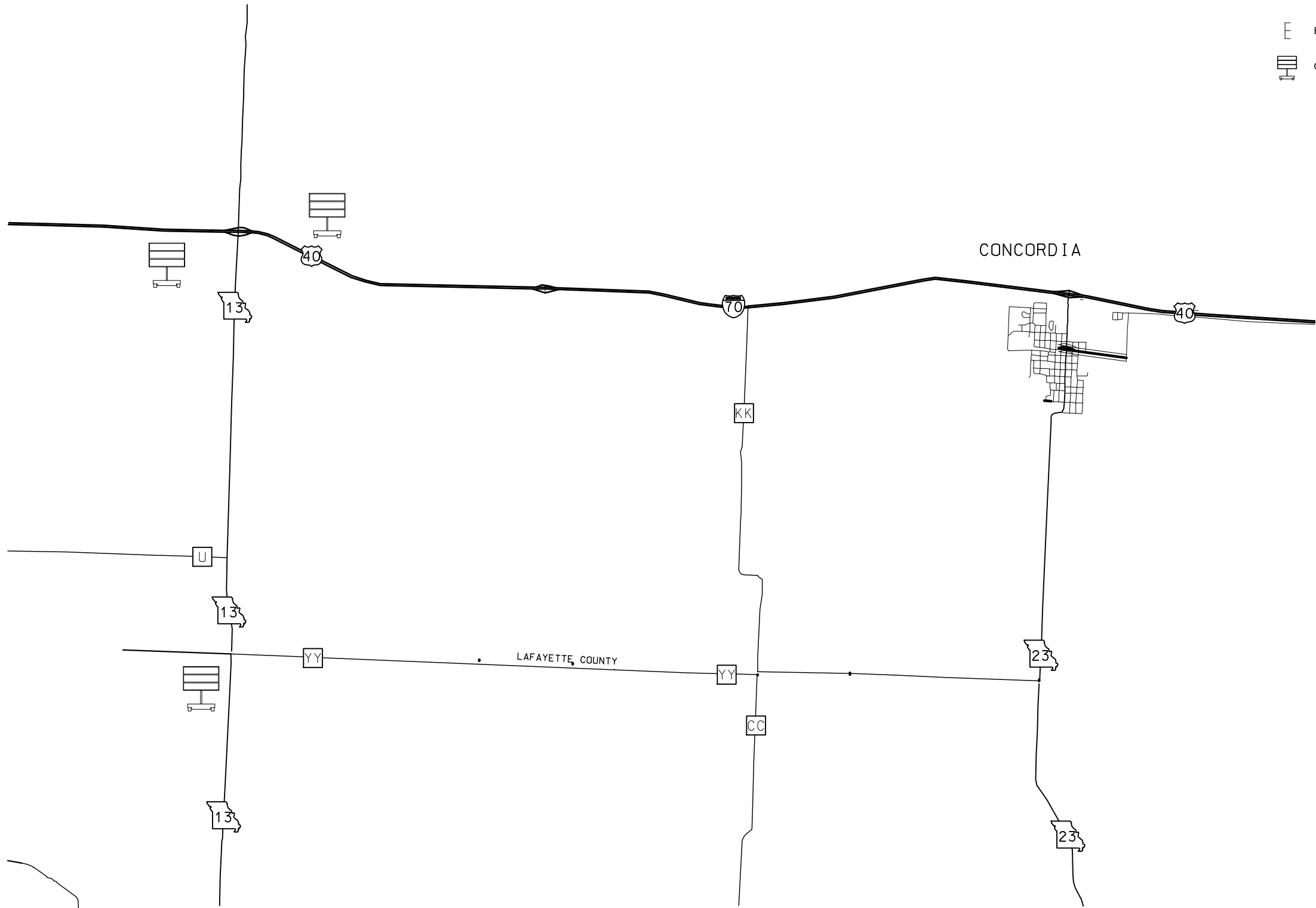
DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 21
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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

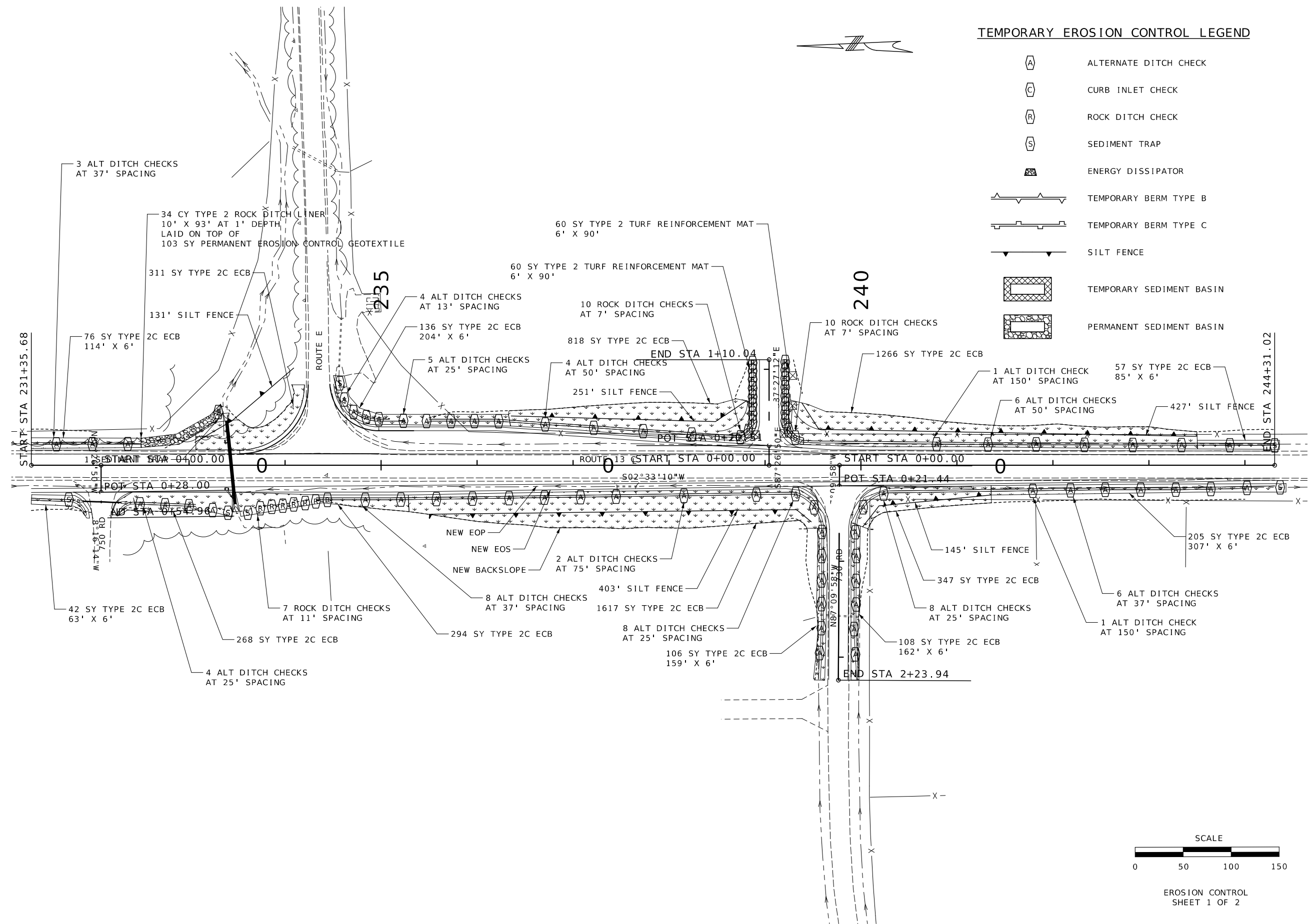


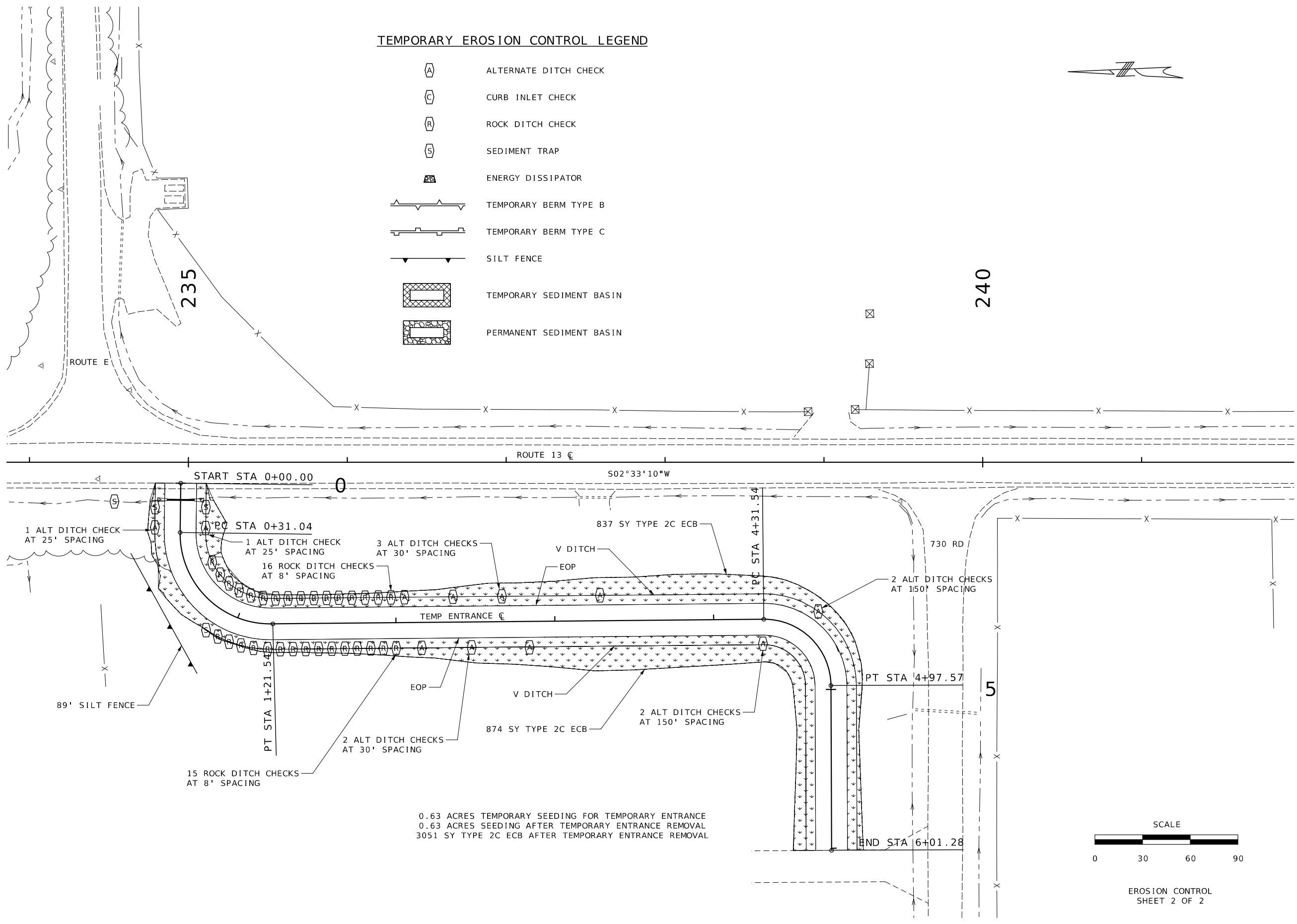
TA-17A

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

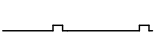
TRAFFIC CONTROL
SHEET 7 OF 7

[illegible]

[illegible]



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

JOE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

09/15/2026 3:42:21 PM

JOE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

3/12/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

24

COUNTY

JOHNSON

JOB NO.

J3P3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

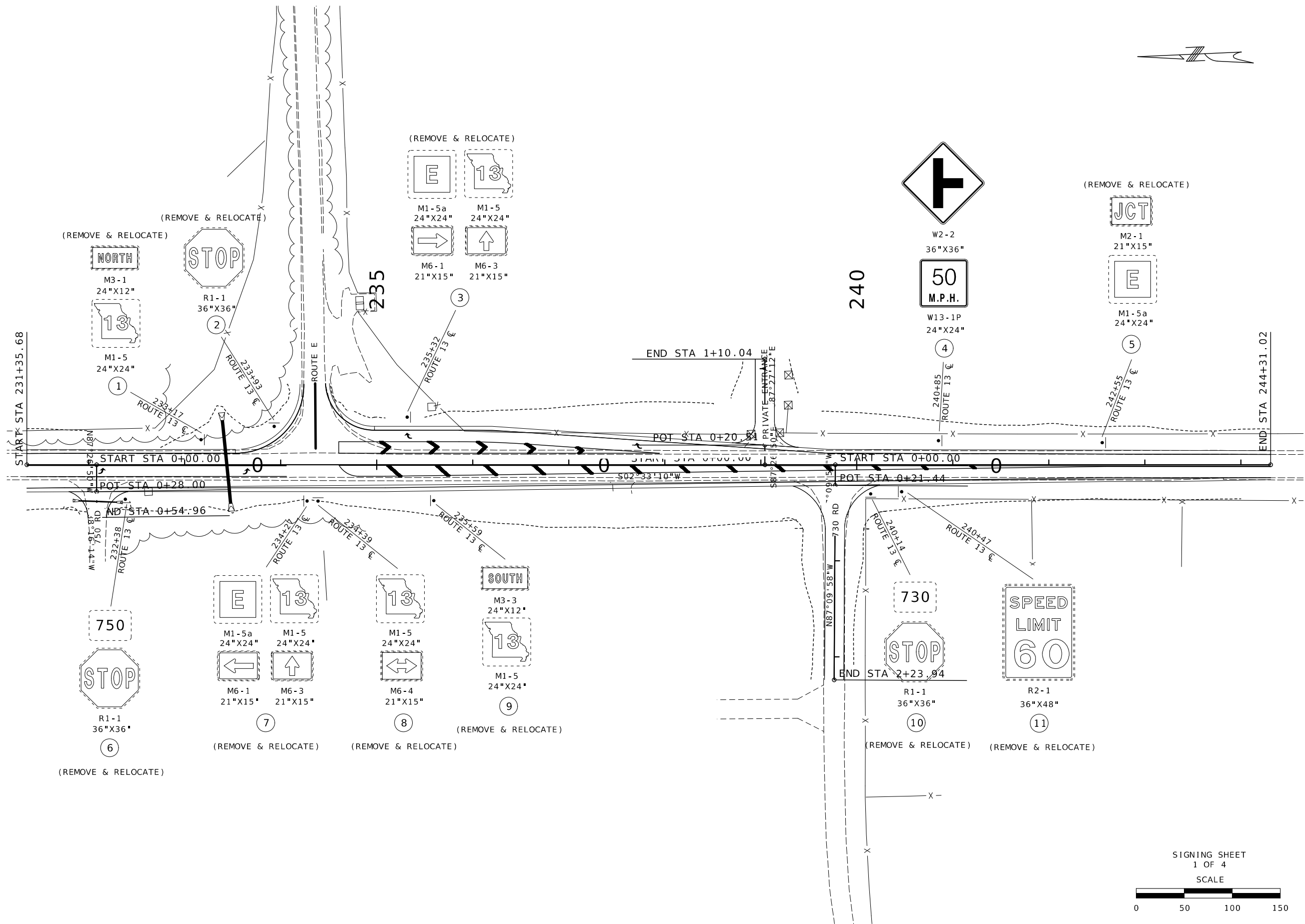
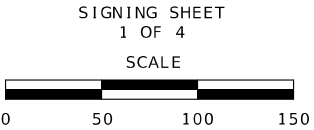
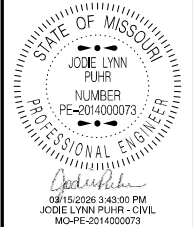
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SCALE
0 30 60 90

EROSION CONTROL
SHEET 2 OF 2



DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 25
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

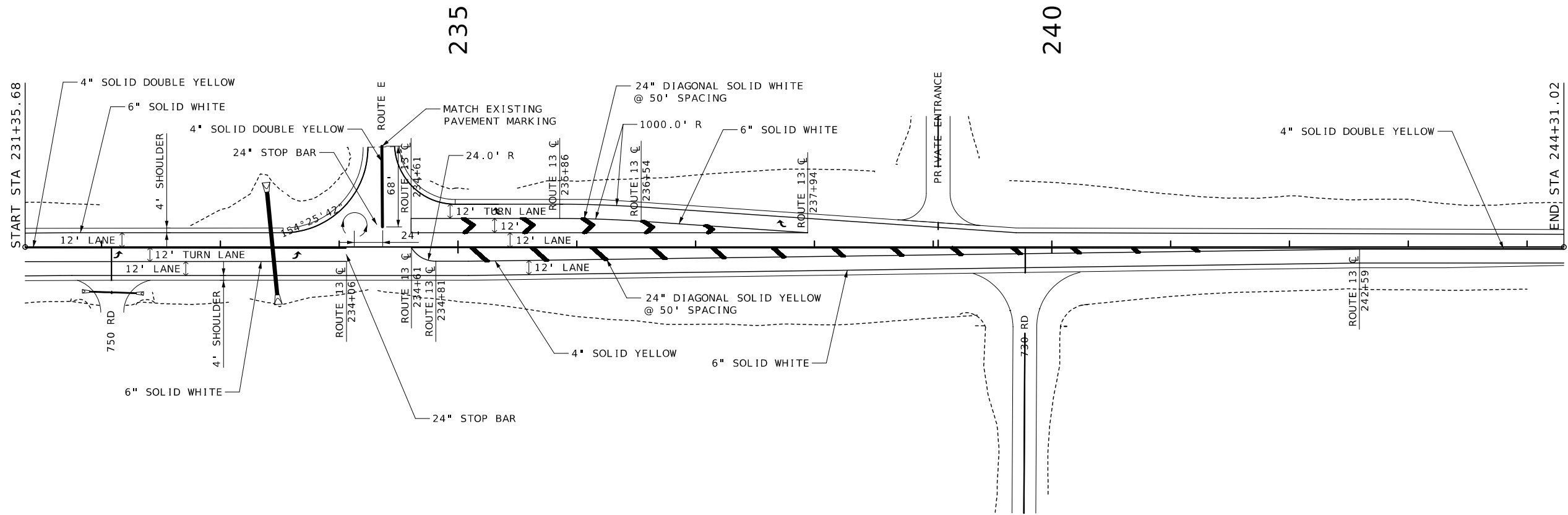
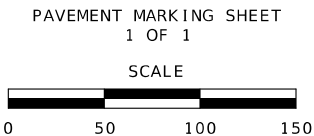
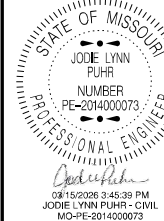


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[illegible]

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			FOOTING								
POST DES. NO.	NOM. SIZE	WEIGHT		STUB LENGTH	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	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	1.50	4'-0"	28"	4'-0"	0.71	4'-6"	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



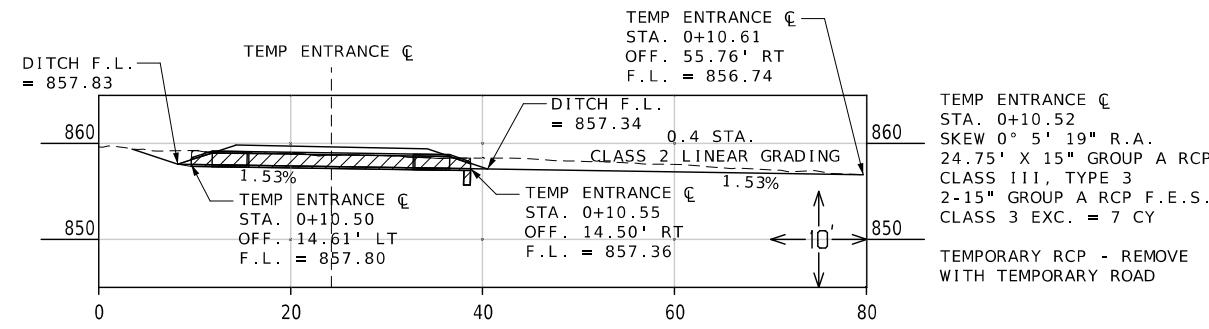
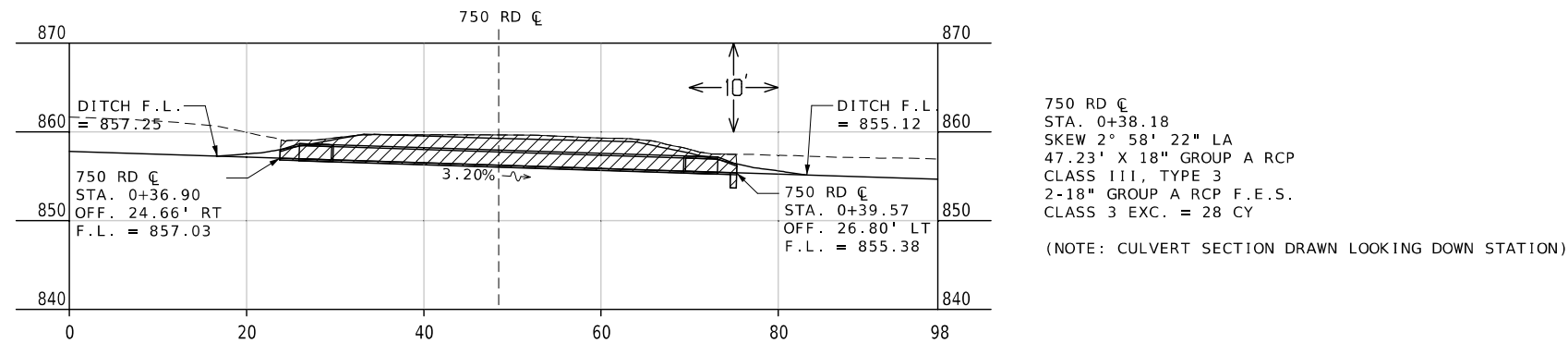
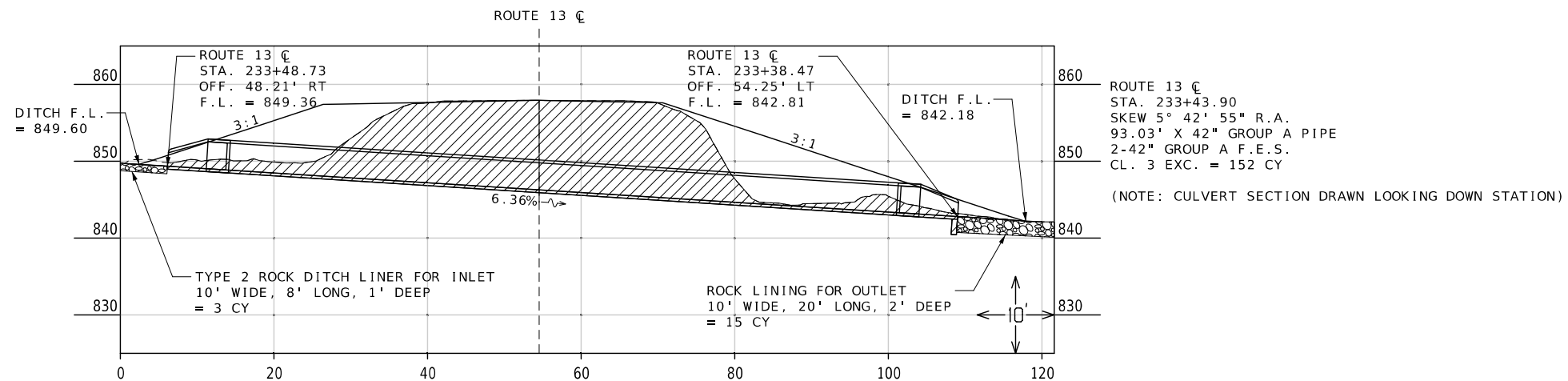
DATE PREPARED 3/12/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 29
COUNTY JOHNSON	
JOB NO. J3P3109	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

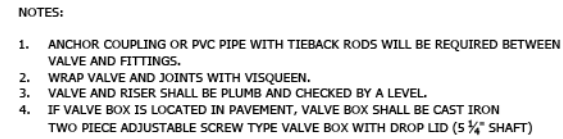
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



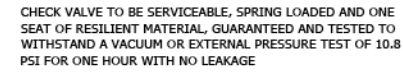
STATE OF MISSOURI
JODIE LYNN PLUHRI
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER

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

[illegible]



1 GATE VALVE AND BOX DETAIL



2 METER BOX SETTING
NOT TO SCALE

$$\frac{1}{2}$$
[illegible]

JEFF
1-888-ASK-MO

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
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.



Added



04-02-2026

DATE PREPARED
4/2/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
G01

COUNTY
LAFAYETTE/ JOHNSON

JOB NO.
JSP3109

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE								

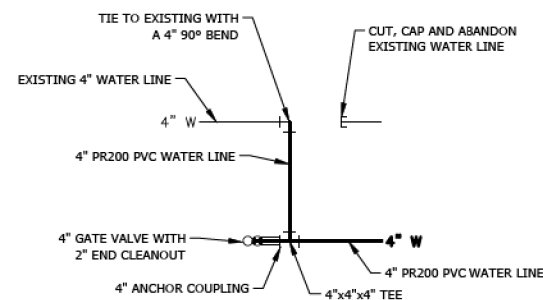
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



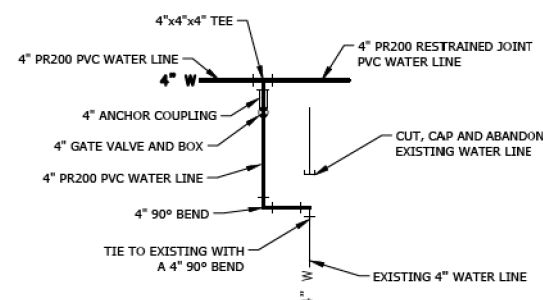
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



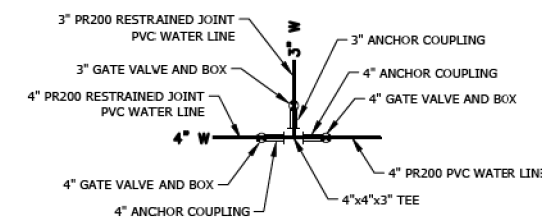
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-634-3161
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM



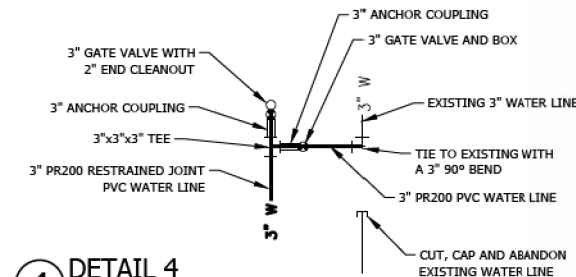
1 DETAIL 1
NOT TO SCALE



2 DETAIL 2
NOT TO SCALE



3 DETAIL 3
NOT TO SCALE

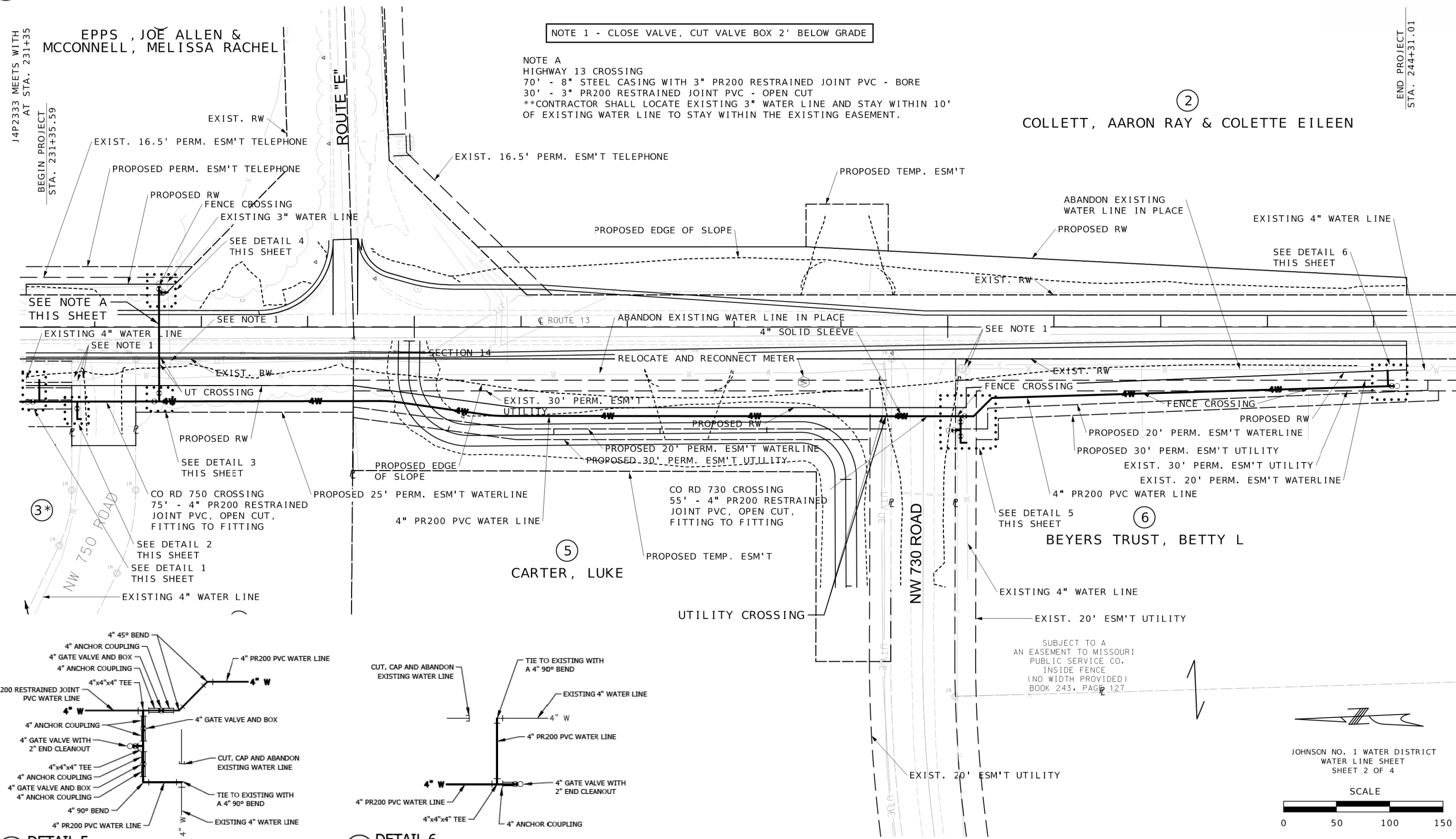


4 DETAIL 4
NOT TO SCALE

NOTE 1 - CLOSE VALVE, CUT VALVE BOX 2' BELOW GRADE

NOTE A
HIGHWAY 13 CROSSING
70' - 8" STEEL CASING WITH 3" PR200 RESTRAINED JOINT PVC - BORE
30' - 3" PR200 RESTRAINED JOINT PVC - OPEN CUT
**CONTRACTOR SHALL LOCATE EXISTING 3" WATER LINE AND STAY WITHIN 10'
OF EXISTING WATER LINE TO STAY WITHIN THE EXISTING EASEMENT.

COLLETT, AARON RAY & COLETTE EILEEN



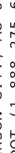
5 DETAIL 5
NOT TO SCALE

6 DETAIL 6
NOT TO SCALE



DATE PREPARED	
4/1/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	W01
COUNTY	
JOHNSON	
JOB NO.	
JSP3109	
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

DESIGN DESIGNATION

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

NEW NORMAL RIGHT OF WAY
TO BE ACQUIRED

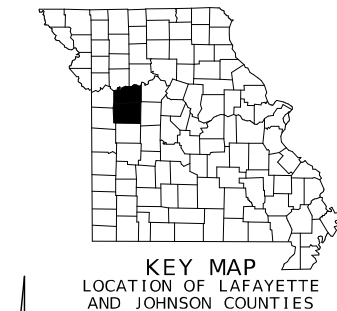
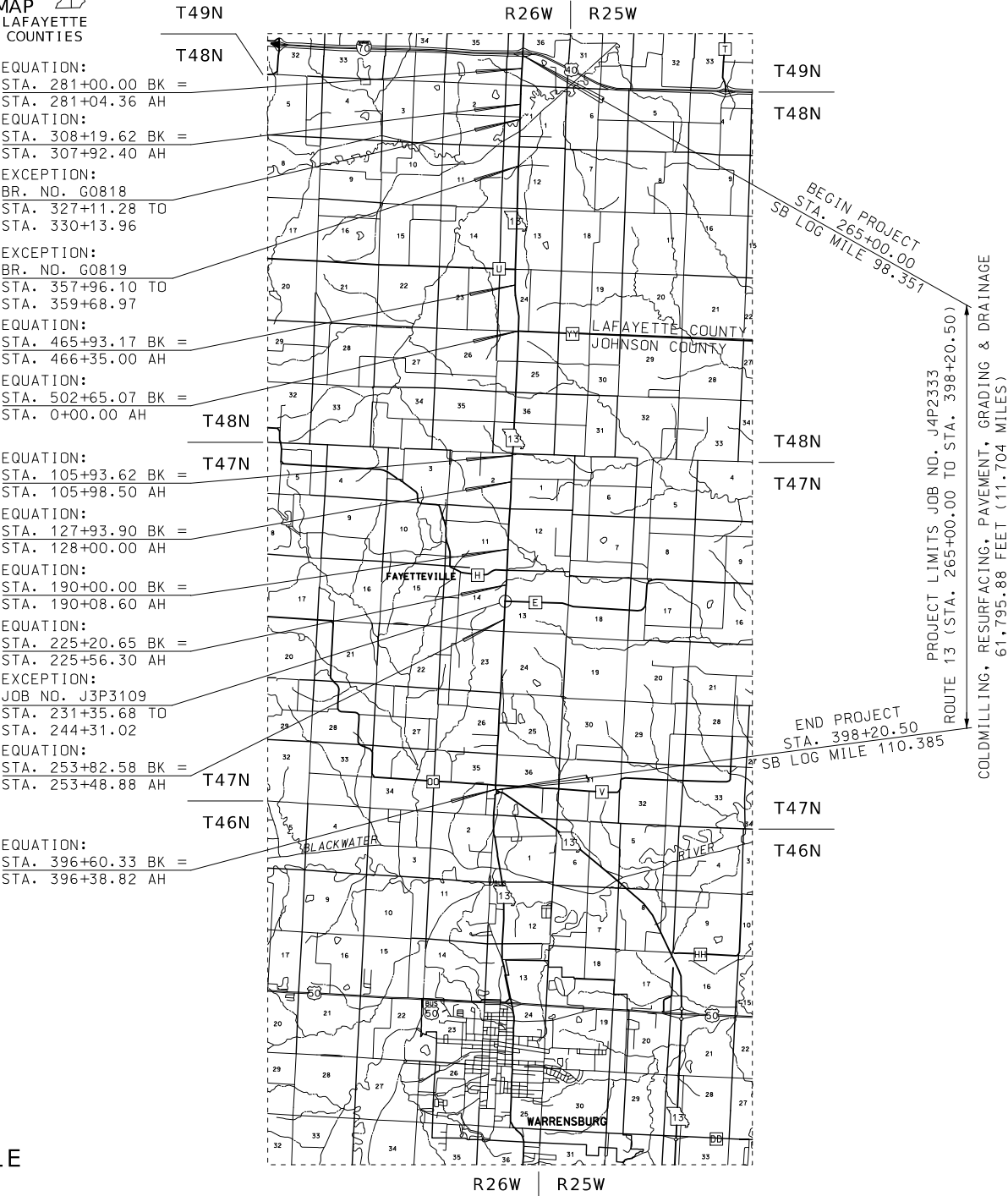
CONVENTIONAL SYMBOLS
(USED IN PLANS)

	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

LAFAYETTE / JOHNSON COUNTY



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) (34 SHEETS)	2
QUANTITIES (QU) (32 SHEETS)	3
PLAN-PROFILE (PP)	4-76
RIGHT OF WAY (RW)	77-112
REFERENCE POINTS (RP)	113-115
COORDINATE POINTS (CP)	116-120
SPECIAL SHEETS (SS)	121-151
TRAFFIC CONTROL SHEETS (TC)	152-217
EROSION CONTROL SHEETS (EC)	218-257
LIGHTING (LT)	258-259
SIGNING & PAVEMENT MARKING (SN PM)	260-326
CULVERT SECTIONS (CS)	327-354
CROSS SECTIONS (XS)	1-313
WATERLINE INSTALLATION	1-27

LENGTH OF PROJECT

LAFAYETTE COUNTY	
BEGINNING OF PROJECT	STA. 265 + 00.00
END OF PROJECT	STA. 502 + 65.07

APPARENT LENGTH 23,765.07 FEET

EQUATIONS AND EXCEPTIONS:

EXCEPTION: BR. NO. G0818	-302.68 FEET
STA. 327+11.28 TO STA. 330+13.96	
EXCEPTION: BR. NO. G0819	-172.87 FEET
STA. 357+96.10 TO STA. 359+68.97	

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

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

APPARENT LENGTH 39,820.50 FEET

EQUATIONS AND EXCEPTIONS:

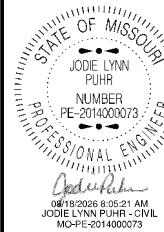
EXCEPTION: JOB NO. J3P3109	-1,295.34 FEET
STA. 231+35.68 TO STA. 244+31.02	

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
NET LENGTH OF PROJECT	61,795.69 FEET
STATE LENGTH	11.704 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 10.6 ACRES



DATE PREPARED
8/12/2026

ROUTE 13
DISTRICT KC
STATE MO
SHEET NO. 1

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

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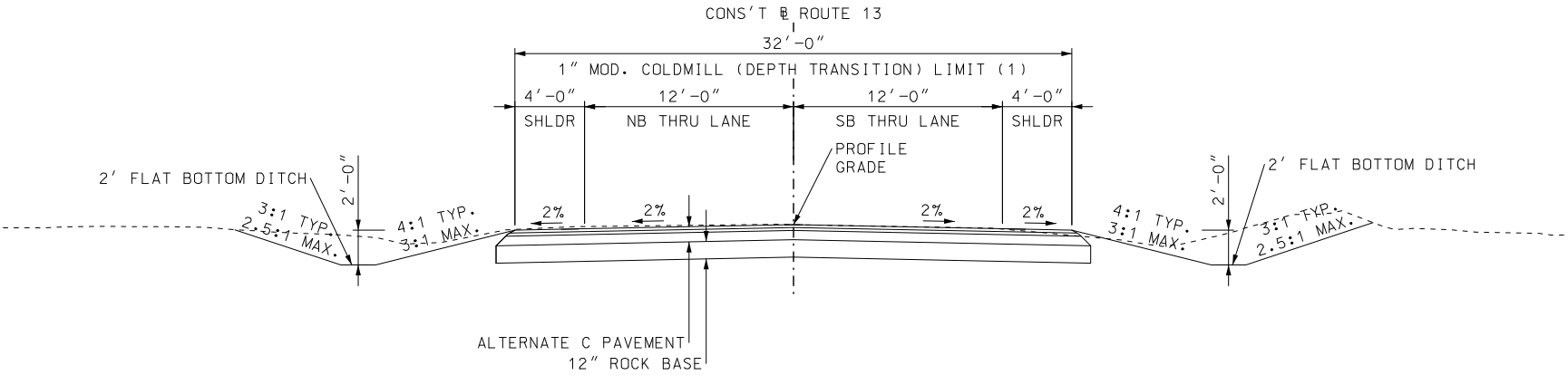
DATE

DATE

DATE

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.)

STATE OF MISSOURI

JOE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/20/2026 9:39:00 AM

JOE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

8/20/2026

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

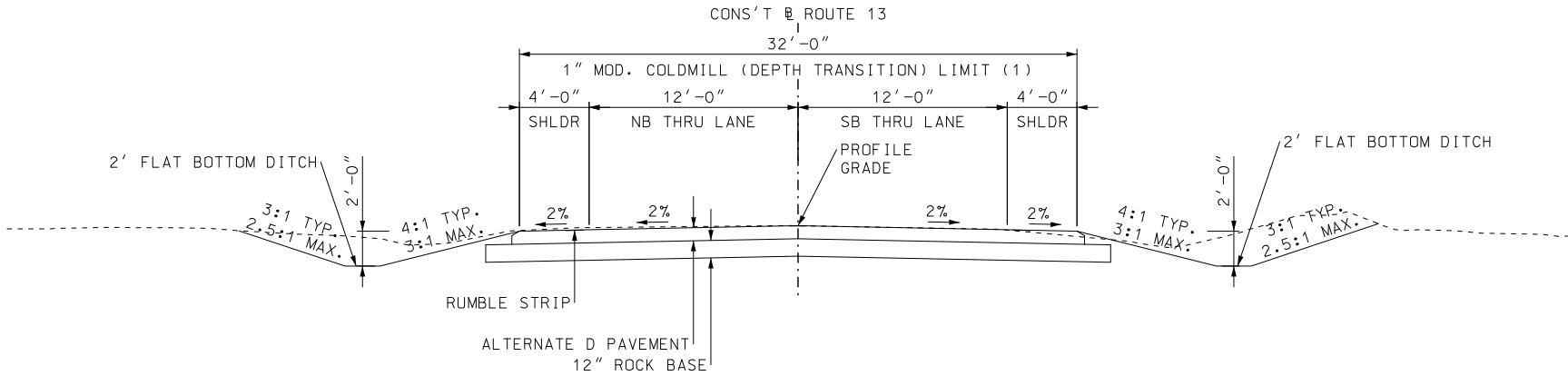
JEFFERSON CITY, MO 65102

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

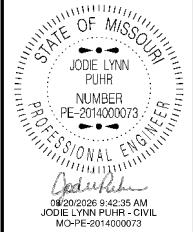
ALTERNATE C
ROUTE 13
TYPICAL SECTION SHEET
SHEET 1 OF 34

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.	

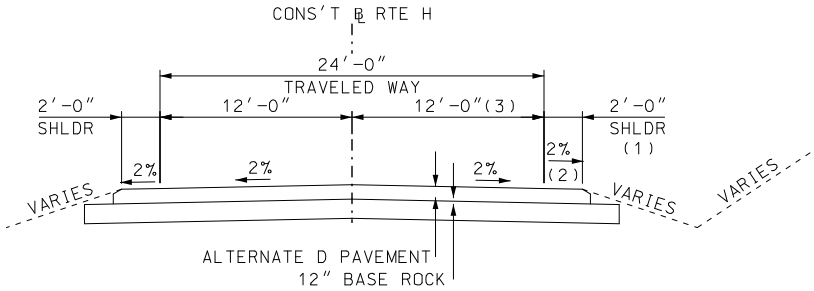
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

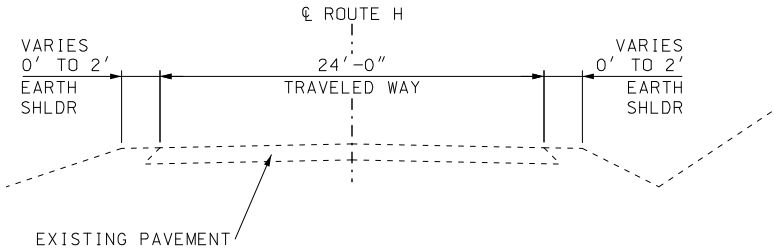


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

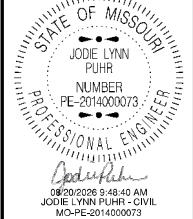


TYPICAL SECTION - ALT D
ROUTE H
STA. 1+93.71 TO STA. 3+38.97



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

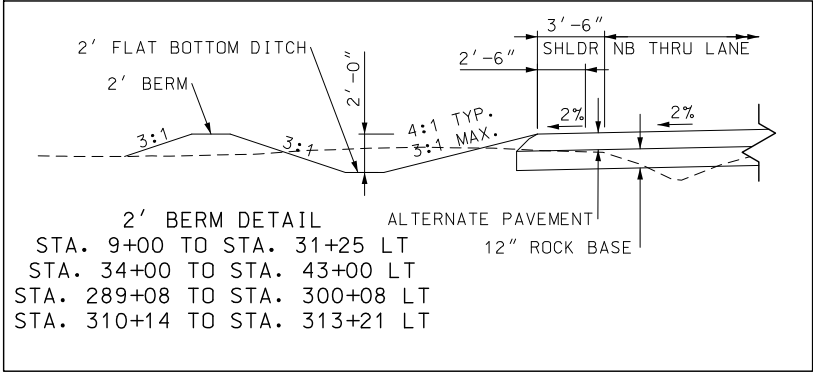
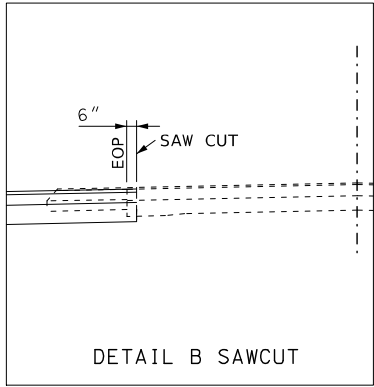
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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

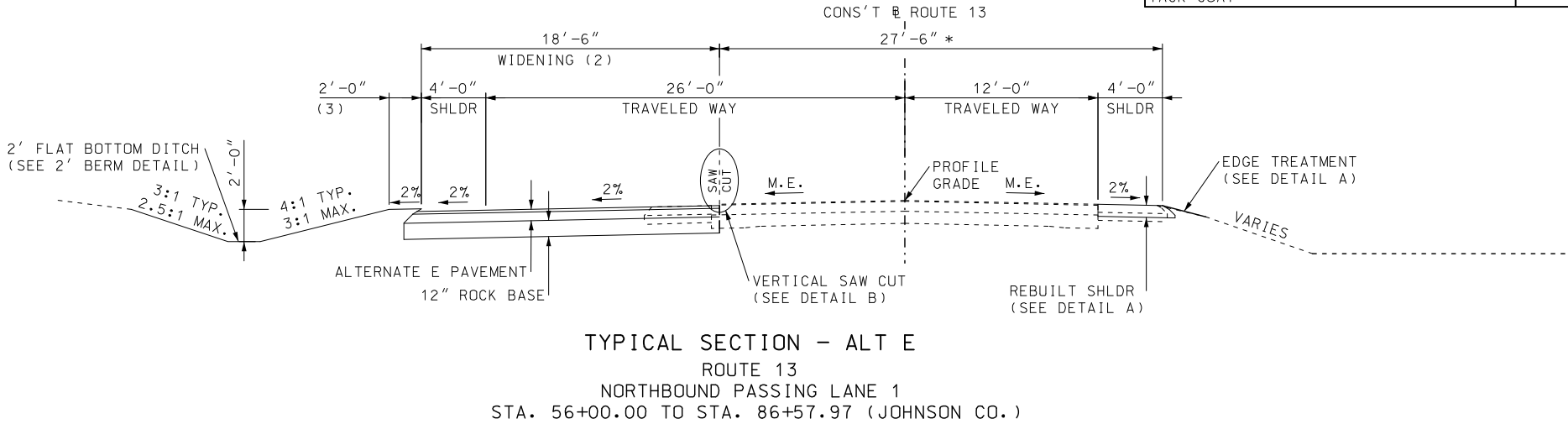
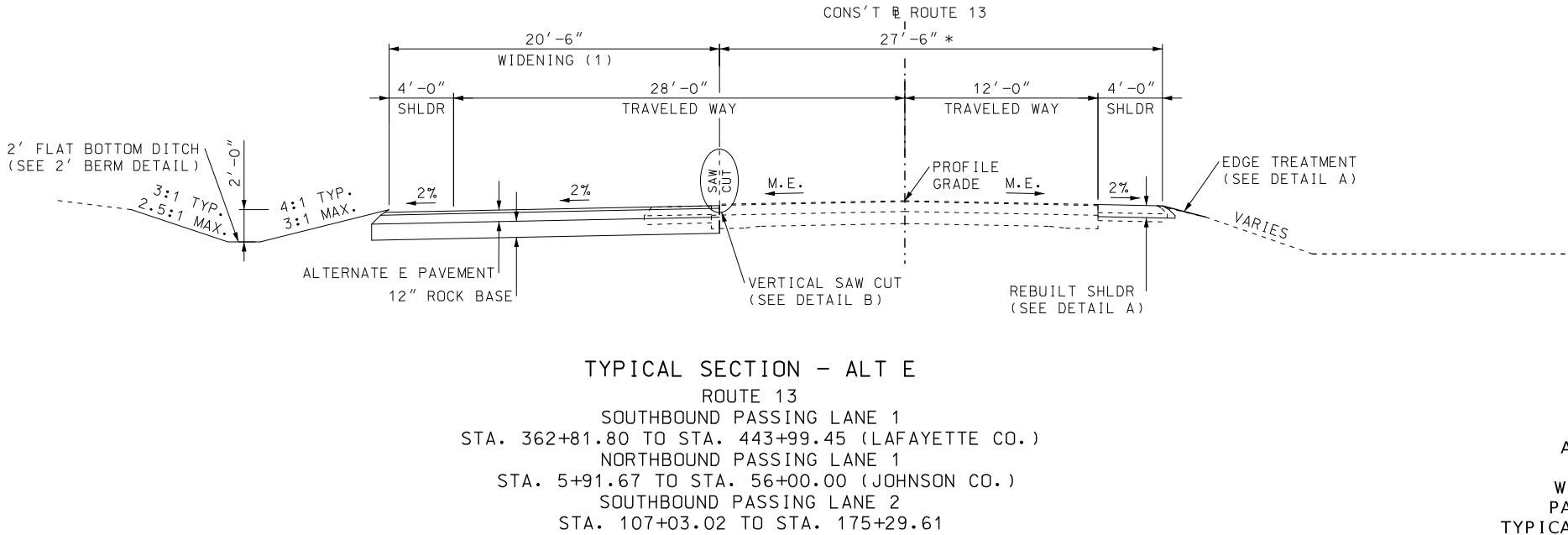
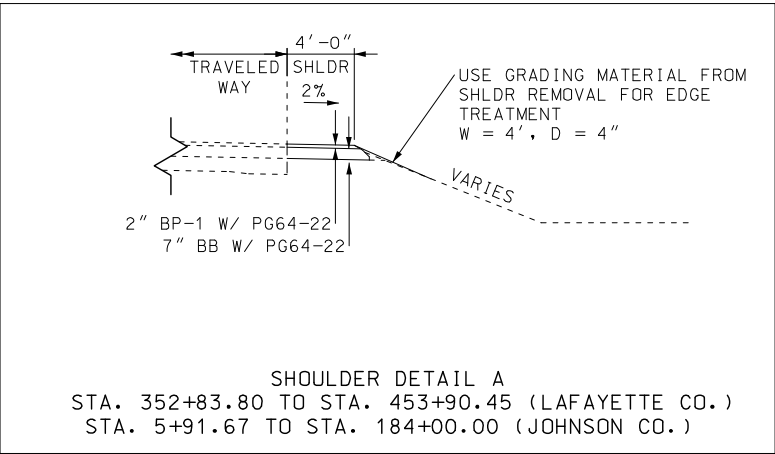
GENERAL NOTE:
SEE STANDARD PLAN 401.00 FOR SAFETY EDGE.



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

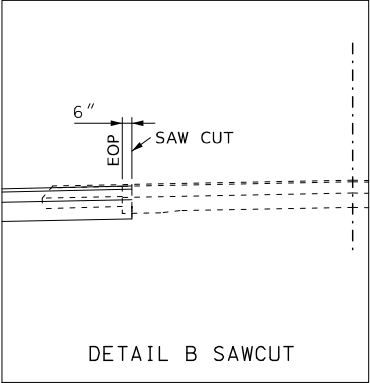
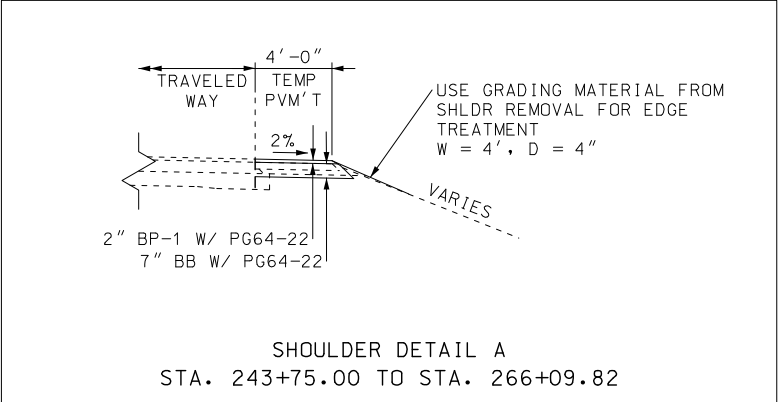
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

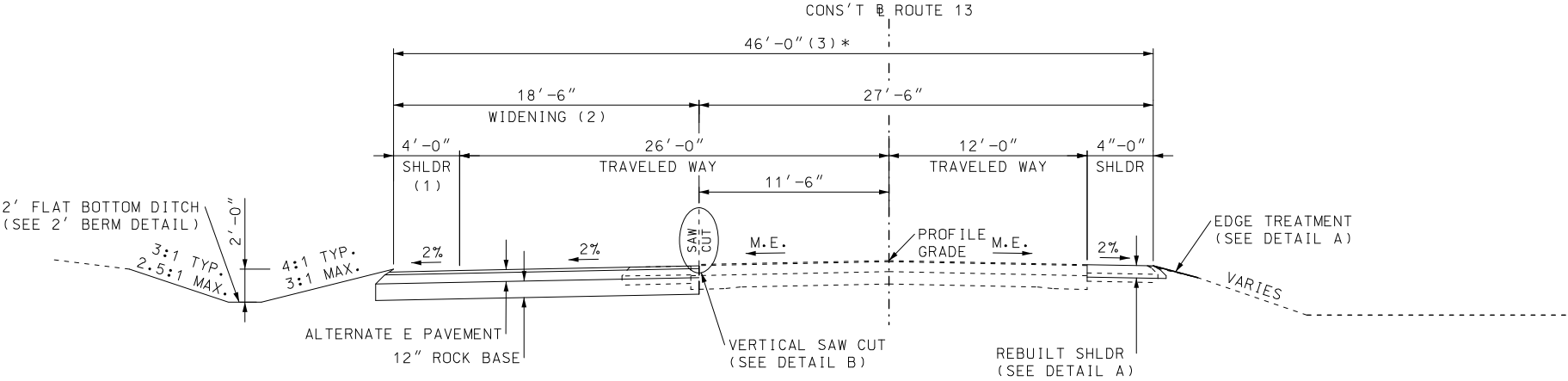
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

ALTERNATE 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.

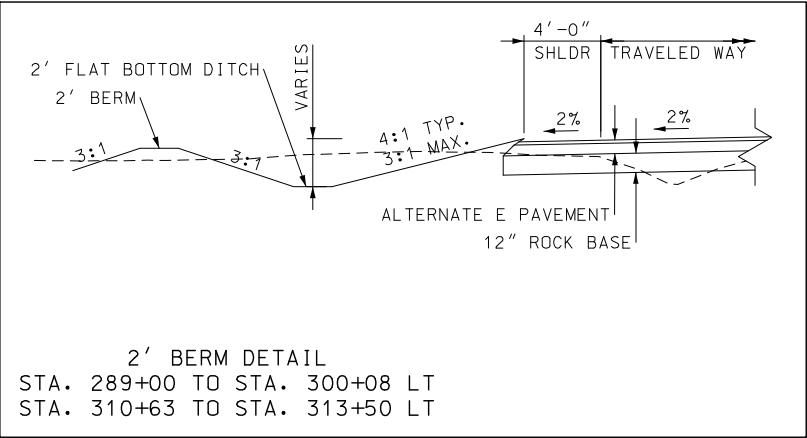


- NOTES (LEFT):
- (1) STA. 246+30.45 TO STA. 246+33.53
SHOULDER WIDTH = 3.5' TO 4'
 - (2) STA. 246+30.45 TO STA. 246+33.53
PVM'T WIDTH = 4' TO 4.5'
STA. 246+33.53 TO STA. 254+70.35
PVM'T WIDTH = 4.5' TO 18.5'
STA. 254+70.35 TO STA. 266+09.82
PVM'T WIDTH = 18.5'
STA. 290+02.56 TO STA. 322+58.27
PVM'T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

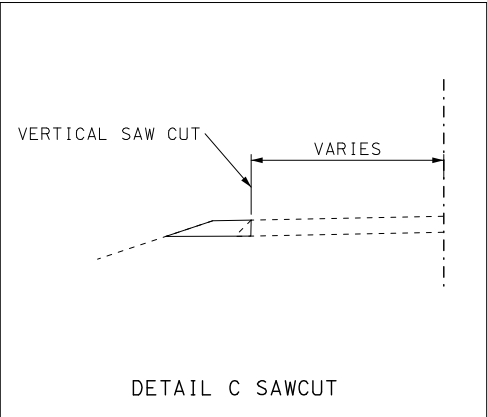
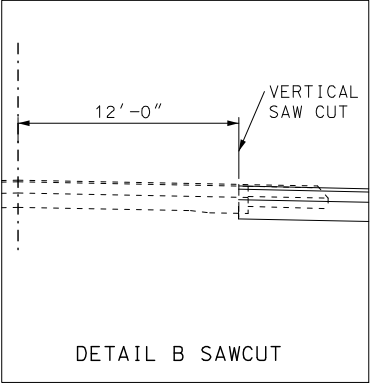
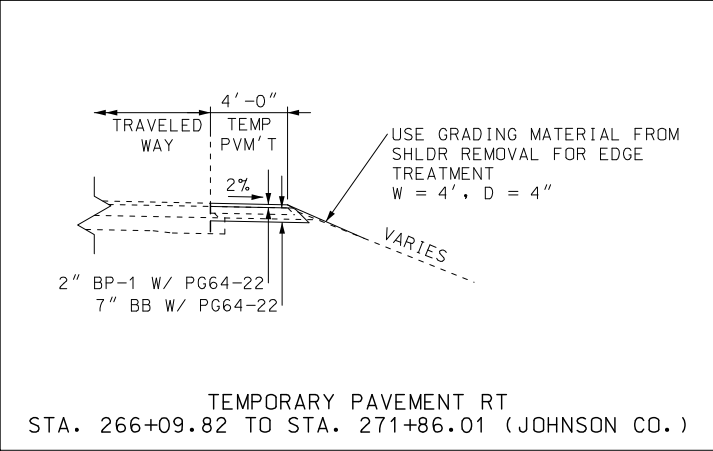
BRIDGE NO.

DESCRIPTION	DATE

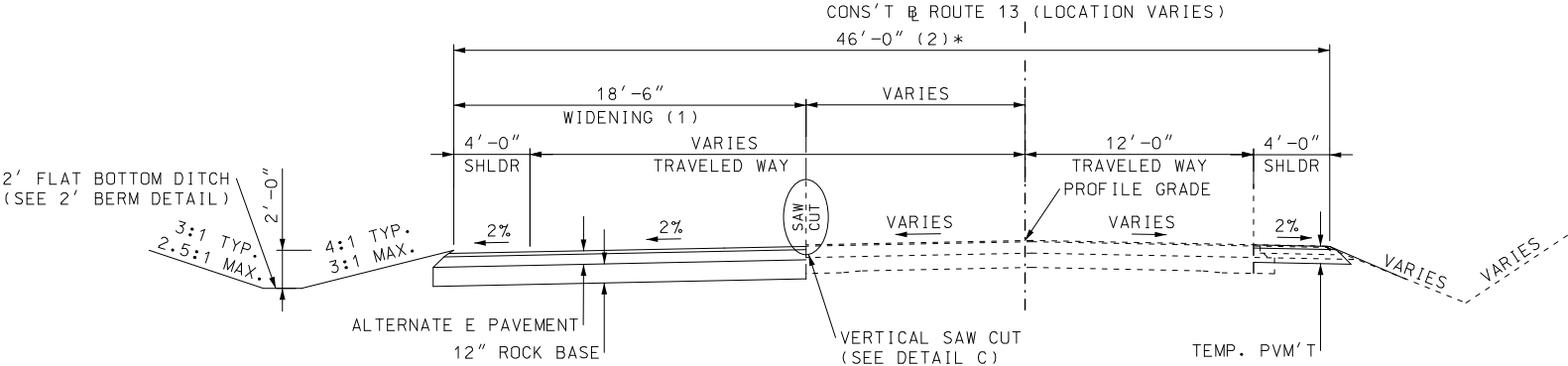
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT

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. 266+09.82 TO STA. 271+86.01
PVM'T WIDTH = 18.5' TO 7.6'
(2) STA. 266+09.82 TO STA. 271+86.01
WIDTH = 46' TO 47.2'



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 11 OF 34

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER PE-2014000073

PROFESSIONAL ENGINEER

09/07/2026 5:01:49 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

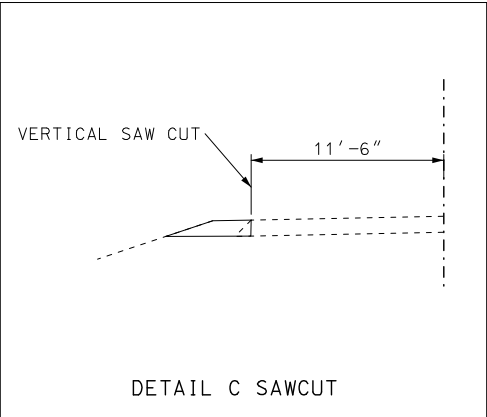
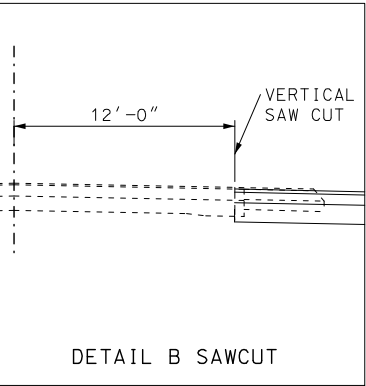
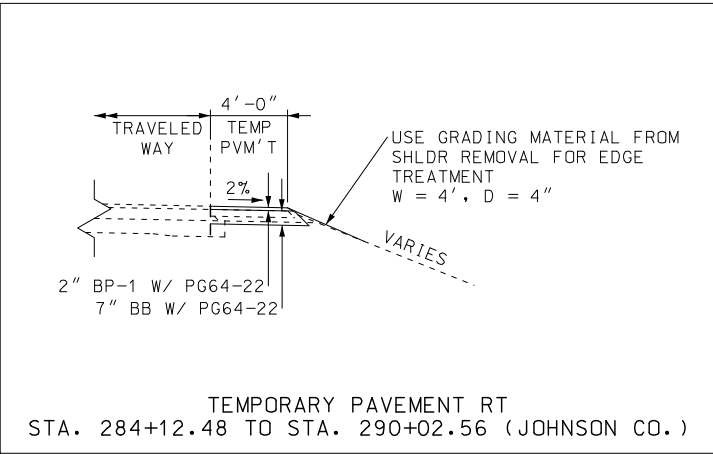
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

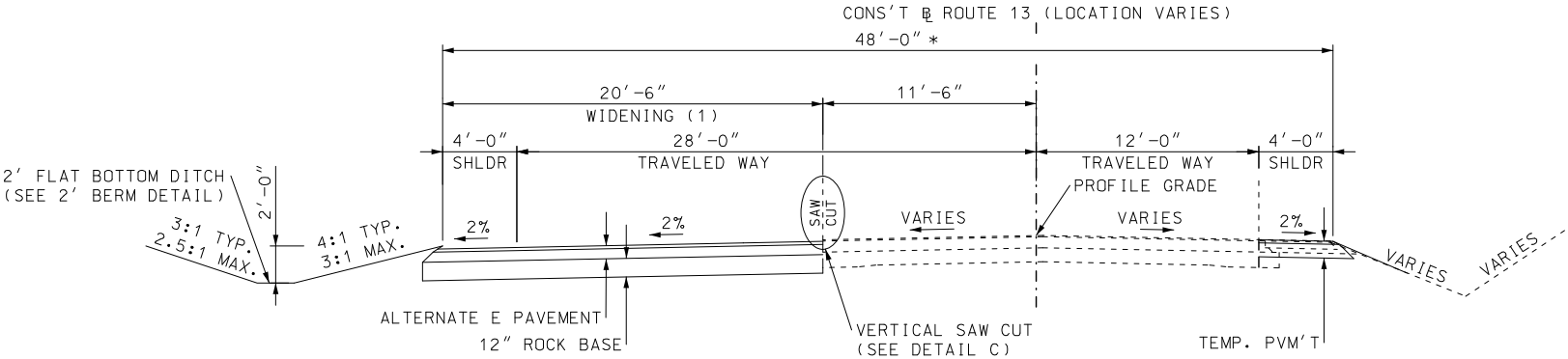
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

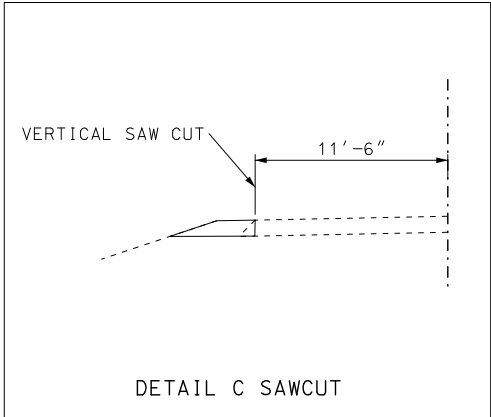
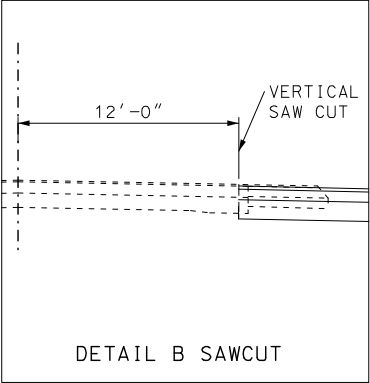
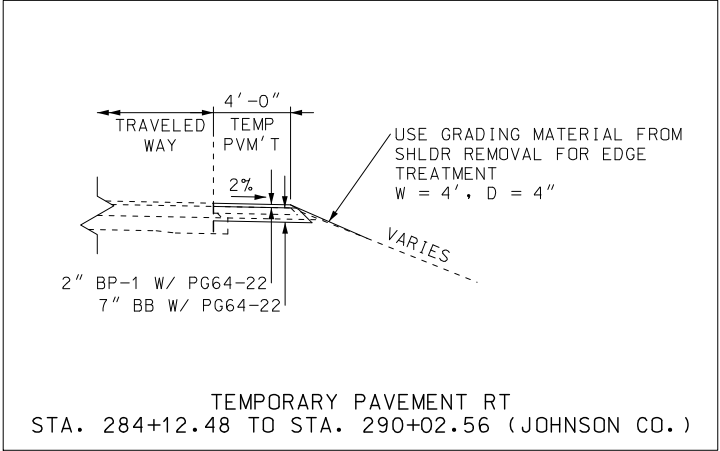
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

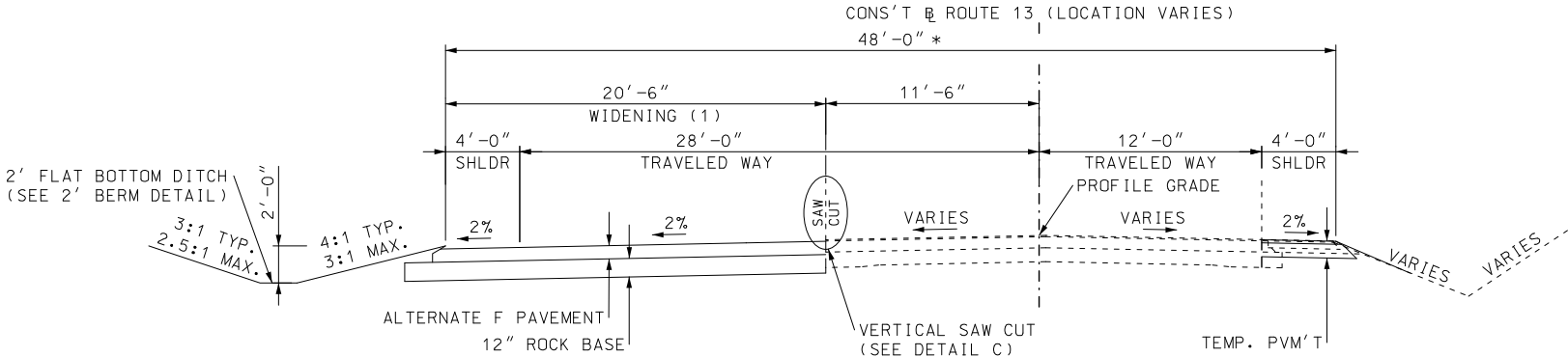
1-888-ASK-MODOT (1-888-275-6636)

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	

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 F
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 F
ROUTE 13
WIDENING FOR
PASSING LANES
TYPICAL SECTION SHEET
SHEET 16 OF 34

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER PE-2014000073

PROFESSIONAL ENGINEER

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.

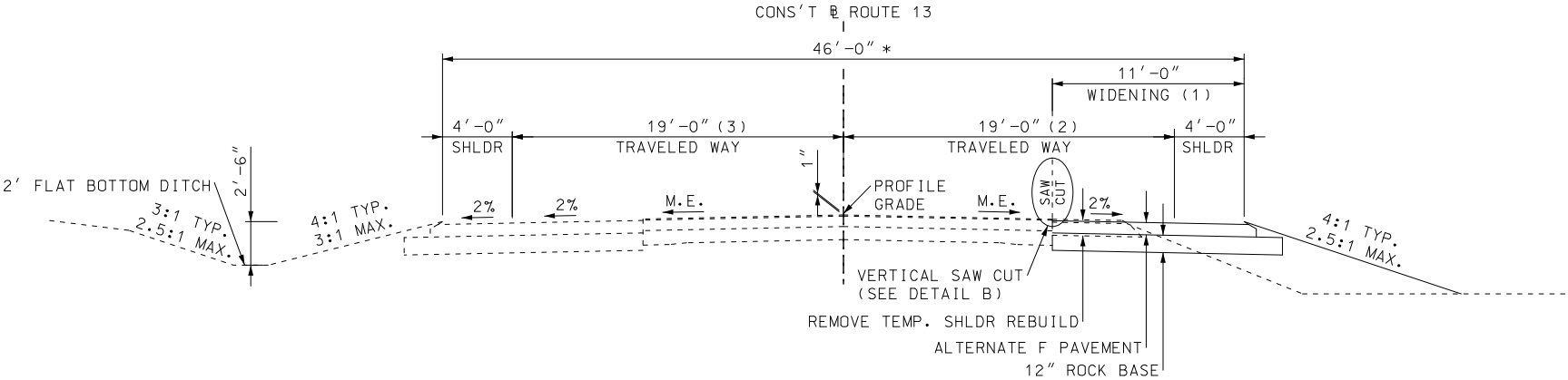
ROUTE 13 TWLTL CONSTRUCTION PHASING

- 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 --

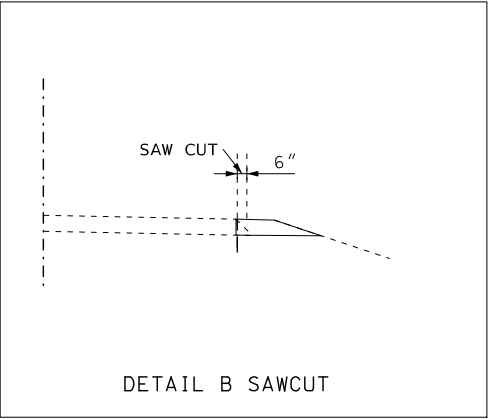
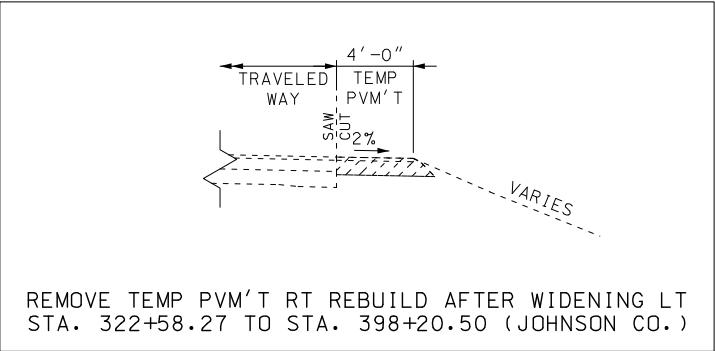
- PHASE 1 - WIDEN SB ROUTE 13
1. BUILD TEMPORARY PAVEMENT NB ROUTE 13.
2. BUILD WIDENING PAVEMENT SB ROUTE 13.
PHASE 2 - WIDEN NB ROUTE 13
1. REMOVE NB ROUTE 13 TEMPORARY PAVEMENT.
2. BUILD WIDENING PAVEMENT NB ROUTE 13.

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

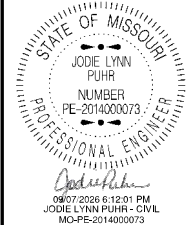


TYPICAL SECTION - ALT F
ROUTE 13
TWO-WAY LEFT-TURN LANE
STA. 322+28.27 TO STA. 398+20.50

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



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.	

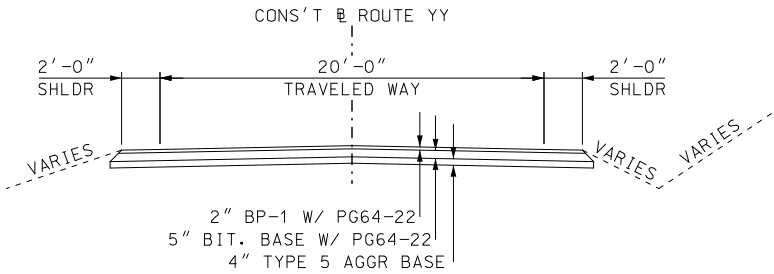
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

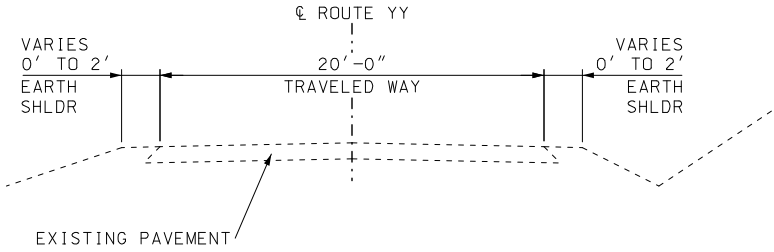
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

ALTERNATE F
ROUTE 13 PHASE 2
TWO-WAY LEFT-TURN LANE
TYPICAL SECTION SHEET
SHEET 26 OF 34

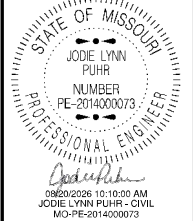
FOR ESTIMATE PURPOSE ONLY	ESTIMATE FACTOR
BIT. PVM'T MIX. PG64-22 (BP-1)	1.989 TON/CY
BIT. PVM'T MIX. PG64-22 (BASE)	1.998 TON/CY
TACK COAT	0.10 GAL/SY



TYPICAL SECTION
ROUTE YY
STA. 0+16.00 TO STA. 0+95.00



EXISTING TYPICAL SECTION
ROUTE YY



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.	

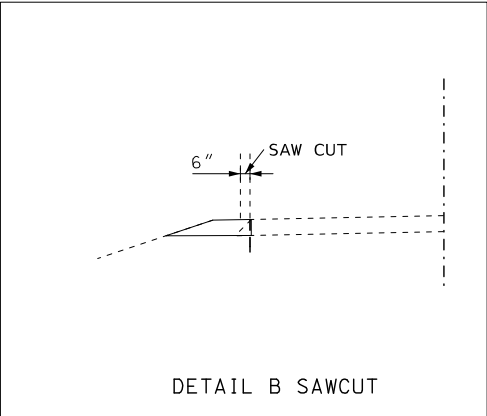
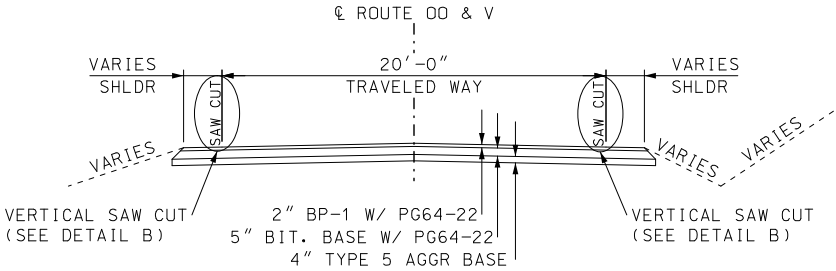
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

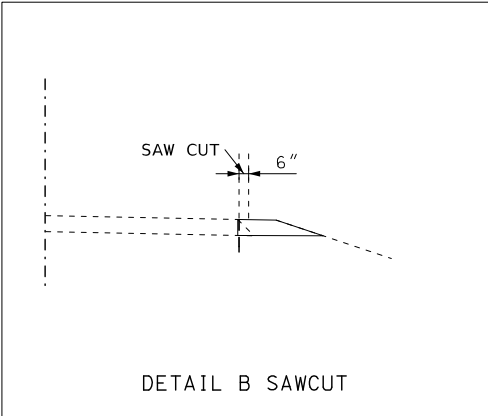
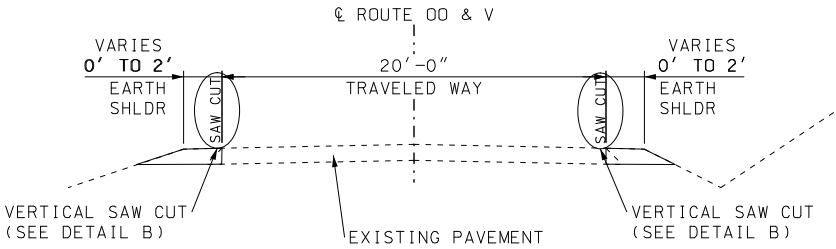
MoDOT

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

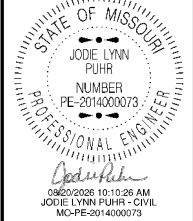
FOR ESTIMATE PURPOSE ONLY	ESTIMATE FACTOR
ASPH. PAVING MIX. PG64-22 (BBP125C MIX)	1.999 TON/CY
BACK FILL MIX. PG64-22 (BASE)	10.998 GTON/TON
PAV. CONGR. EDGE TREATMENT	20.000 GTON/TON



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.	

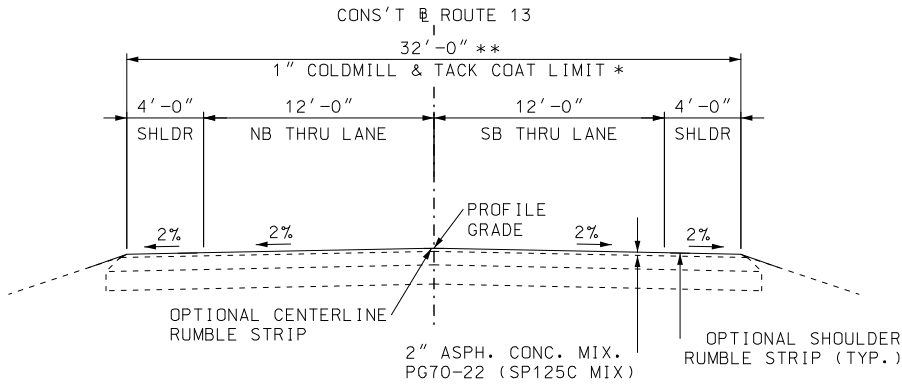
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

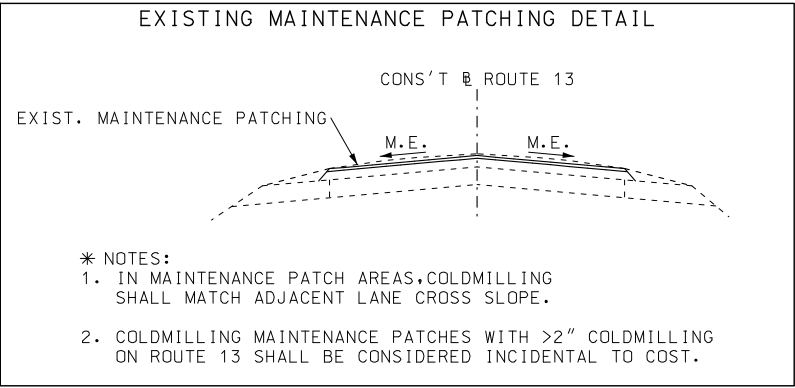
MoDOT

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

FOR ESTIMATE PURPOSE ONLY	ESTIMATE FACTOR
ASPH. CONC. MIX. PG70-22 (SP125C MIX)	1.993 TON/CY
TACK COAT	0.10 GAL/SY
PERM. AGGR EDGE TREATMENT	2.000 TON/CY



TYPICAL SECTION

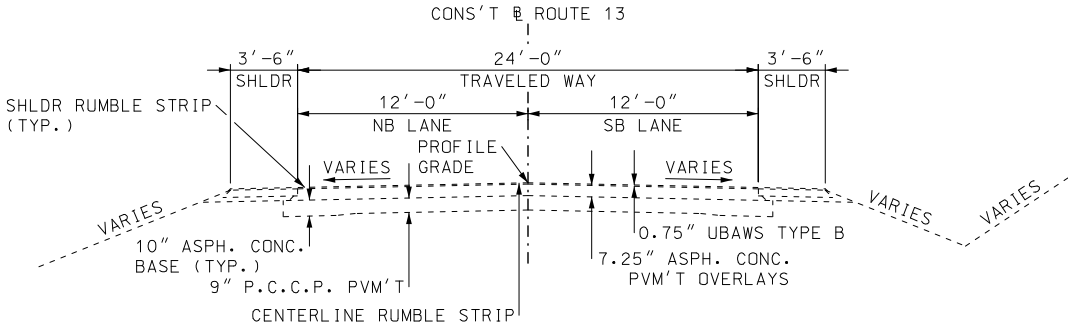


LAFAYETTE COUNTY

ROUTE 13
RESURFACING
SB LOG MI. 98.351 (STA. 265+00.00) TO SB LOG MI. 99.526 (STA. 327+11.28)
EXCEPTION - BR. NO. G0818
SB LOG MILE 99.526 (STA. 327+11.28) TO SB LOG MILE 99.583 (STA. 330+13.97)
SB LOG MILE 99.583 (STA. 330+13.97) TO SB LOG MILE 100.112 (STA. 357+96.10)
EXCEPTION - BR. NO. G0819
SB LOG MILE 100.112 (STA. 357+96.10) TO SB LOG MILE 100.145 (STA. 359+68.97)
SB LOG MILE 100.145 (STA. 359+68.97) TO SB LOG MILE 100.201 (STA. 362+81.80)
EXCEPTION - SOUTHBOUND PASSING LANE 1
STA. 362+81.80 TO STA. 443+99.45
SB LOG MI. 101.739 (STA. 443+99.45) TO SB LOG MI. 102.827 (STA. 501+51.90)
EXCEPTION - ROUTE 13 (AT ROUTE YY)
STA. 501+51.90 TO STA. 502+24.06

JOHNSON COUNTY

ROUTE 13
RESURFACING
EXCEPTION - ROUTE 13 (AT ROUTE YY)
STA. 0+00.00 TO STA. 5+91.67
EXCEPTION - NORHTBOUND PASSING LANE 1
STA. 5+91.67 TO STA. 86+57.97
STA. 86+57.97 TO STA. 107+03.02
EXCEPTION - SOUTHBOUND PASSING LANE 2
STA. 107+03.02 TO STA. 175+29.61
STA. 175+29.61 TO STA. 197+52.15
EXCEPTION - ROUTE 13 (AT ROUTE H)
STA. 197+52.15 TO STA. 230+80.46
EXCEPTION - JOB NO. J3P3109
STA. 230+80.46 TO STA. 243+75.80
STA. 243+75.80 TO STA. 246+30.45



TYPICAL SECTION

EXISTING ROUTE 13

STA. 265+00.00 TO STA. 502+24.06 (LAFAYETTE CO.)
STA. 0+00.00 TO STA. 398+20.50 (JOHNSON CO.)

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

ROUTE 13
RESURFACING
TYPICAL SECTION SHEET
SHEET 29 OF 34

STATE OF MISSOURI

JOJIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/20/2026 10:10:57 AM

JOJIE LYNN PUHR - CIVIL

MO-PE-2014000073

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

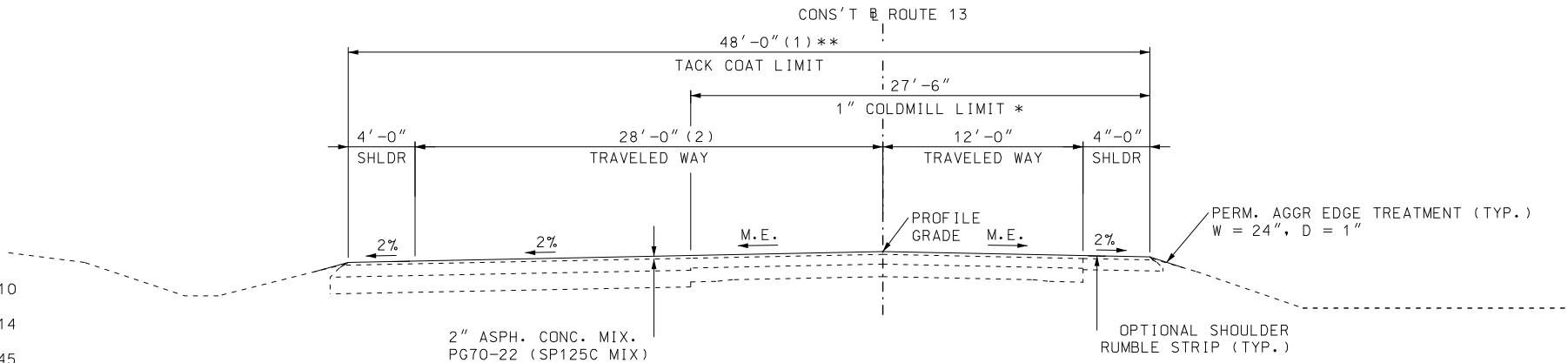
1-888-ASK-MODOT (1-888-275-6636)

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'

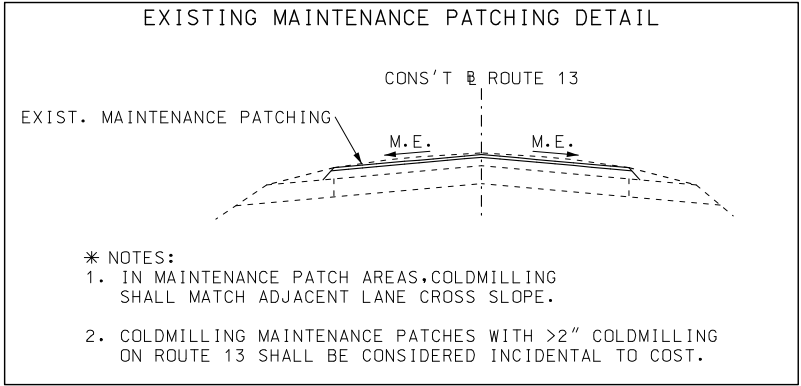
(1) SOUTHBOUND PASSING LANE 1
STA. 362+81.80 TO STA. 372+42.10
WIDTH = 32' TO 48'
STA. 372+42.10 TO STA. 434+39.14
WIDTH = 48'
STA. 434+39.14 TO STA. 443+99.45
WIDTH = 48' TO 32'

(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'

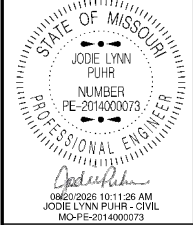
NOTE:
** FINAL 2" OVERLAY SHALL BE PAVED AT ONCE
ACROSS THE ENTIRE WIDTH OF THE ROADWAY.



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

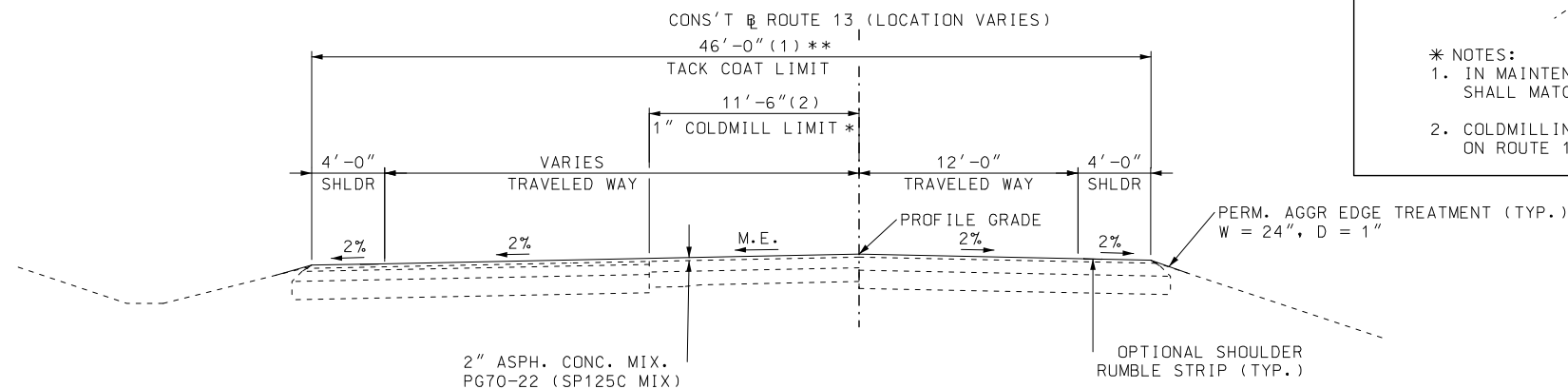


DATE PREPARED 8/20/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

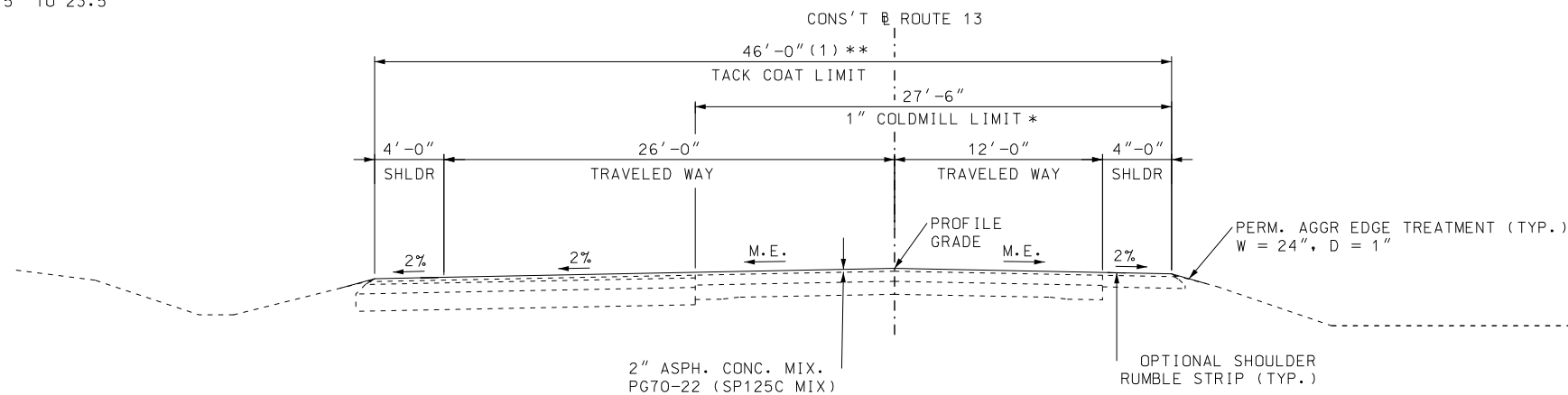
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

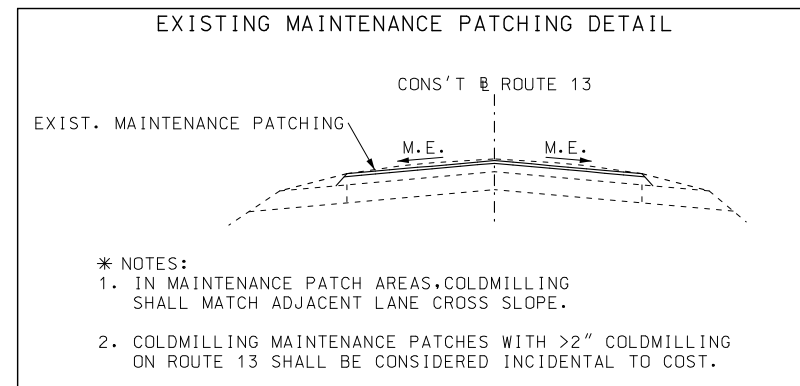
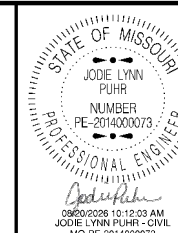


TYPICAL SECTION
ROUTE 13
RESURFACING - NORTHBOUND PASSING LANE 2
STA. 266+09.82 TO STA. 271+86.01



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.

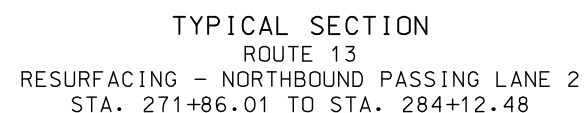
PROJECT NO.

BRIDGE NO.

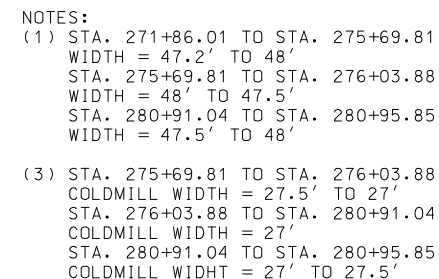
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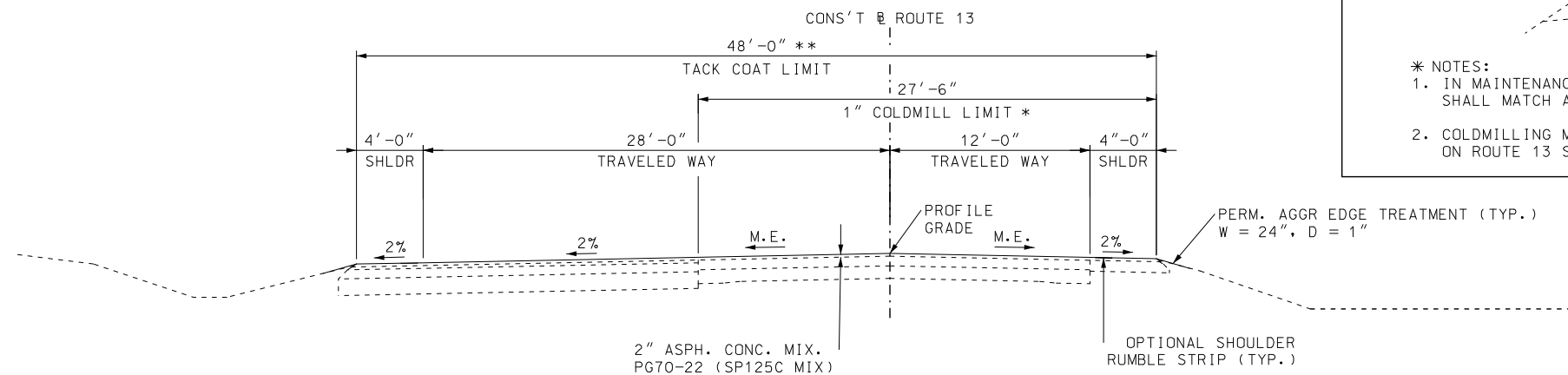
RESURFACING
ROUTE 13
WIDENING FOR
PASSING LANES
TYPICAL SECTION SHEET
SHEET 31 OF 34



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

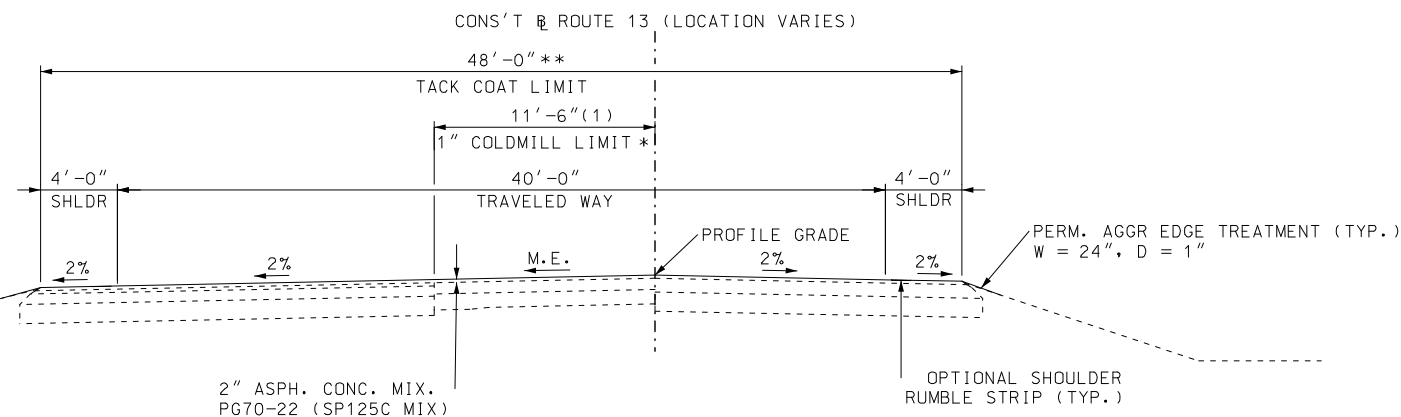
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



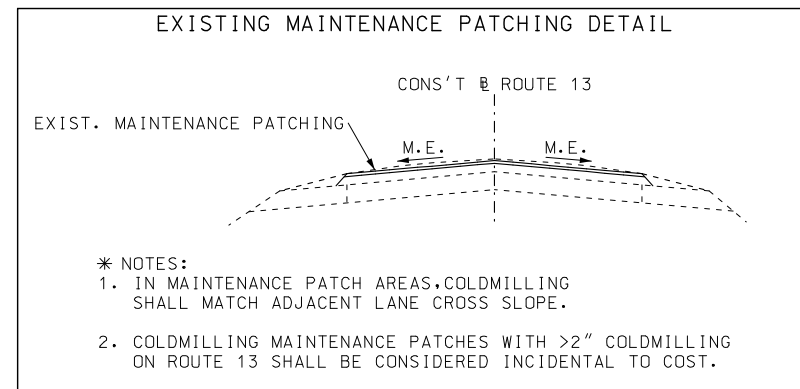
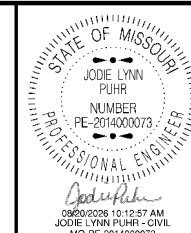
TYPICAL SECTION
ROUTE 13
RESURFACING - NORTHBOUND PASSING LANE 2
STA. 290+02.56 TO STA. 322+58.59

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

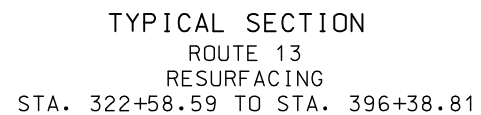
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

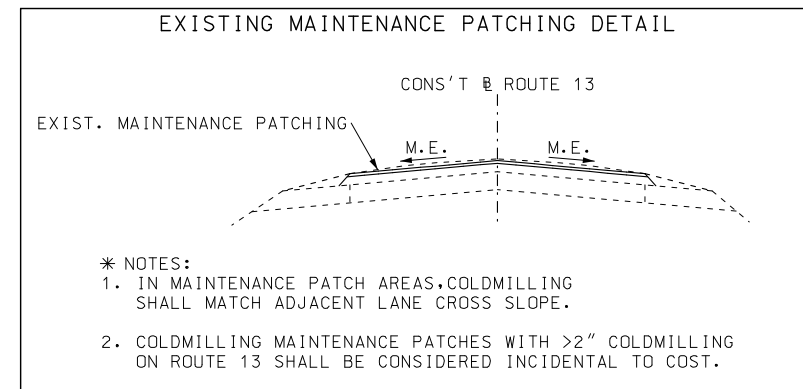
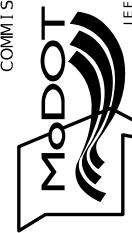
MoDOT

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

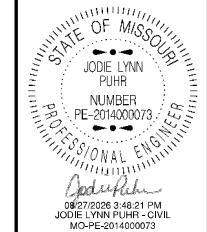
(1) STA. 322+58.59 TO STA. 325+28.59
PVM'T WIDTH = 48' TO 42.9'
STA. 325+28.59 TO STA. 327+38.27
PVM'T WIDTH = 42.9 TO 46'
STA. 327+38.27 TO STA. 395+88.81
PVM'T WIDTH = 46'
STA. 395+88.81 TO STA. 396+39.81
PVM'T WIDTH = 46' TO 46.1'



RESURFACING
ROUTE 13
TWO-WAY LEFT-TURN LANE
TYPICAL SECTION SHEET
SHEET 34 OF 34

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



DATE PREPARED
8/27/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	2

COUNTY
AFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

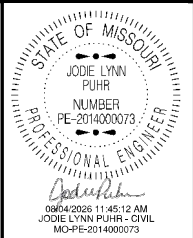
PROJECT NO.

BRIDGE NO.

NOTE: CONTINUED NEXT SHEET

1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 2 OF 32



DATE PREPARED	
8/4/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	3
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 (1-888-273-6636)

TEMPORARY FENCE							
SHEET NO.	BEGIN STATION	END STATION	LOCATION	SIDE	QUANTITY		REMARK
					FENCE LF	GATE EA	
77	0+00	369+21	ROUTE 13	LT	688		FENCE
78	369+21	369+47	ROUTE 13	LT	26		FENCE
79	382+45	395+31	ROUTE 13	LT	1,390		FENCE
79	388+08		ROUTE 13	LT		1	GATE
79	395+22		ROUTE 13	LT		2	GATE
79	387+00	387+71	ROUTE 13	RT	71		FENCE
82	419+75	420+24	ROUTE 13	RT	50		FENCE
82	426+95	427+45	ROUTE 13	RT	50		FENCE
82	435+00	435+44	ROUTE 13	RT	45		FENCE
82	420+80	444+30	ROUTE 13	LT	2,462		FENCE
86	26+75	55+51	ROUTE 13	LT	2911		FENCE
86	26+89		ROUTE 13	LT		2	GATE
86	26+03	27+18	ROUTE 13	RT	97		FENCE
87	52+92	55+51	ROUTE 13	LT	251		FENCE
89	73+67	74+09	ROUTE 13	LT	58		FENCE
90	79+61	81+00	ROUTE 13	RT	175		FENCE
90	106+09	106+12	ROUTE 13	RT	35		FENCE
90	79+55	86+60	ROUTE 13	LT	794		FENCE
93	155+71		ROUTE 13	LT		2	GATE
96	166+25	167+15	ROUTE 13	RT	147		FENCE
96	167+65	168+20	ROUTE 13	RT	130		FENCE
96	167+46	178+33	ROUTE 13	LT	1116		FENCE
96	172+59		ROUTE 13	LT		1	GATE
98	197+50	201+06	ROUTE 13	RT	506		FENCE
98	201+05	201+07	ROUTE 13	RT	37		FENCE
98	190+67	205+11	ROUTE 13	LT	1451		FENCE
99	210+91	22+51	ROUTE 13	LT	1000		FENCE
100	220+91	224+64	ROUTE 13	LT	669		FENCE
100	220+91	222+50	ROUTE 13	LT	159		FENCE
101	244+31	255+25	ROUTE 13	LT	1150		FENCE
101	258+04	260+25	ROUTE 13	LT	400		FENCE
102	258+30	260+22	ROUTE 13	RT	245		FENCE
103	269+14	269+57	ROUTE 13	RT	43		FENCE
103	269+57	271+72	ROUTE 13	RT	214		FENCE
103	271+72	273+79	ROUTE 13	RT	207		FENCE
103	273+79	276+81	ROUTE 13	RT	2		FENCE
103	260+80	270+92	ROUTE 13	LT	1204		FENCE
104	287+01	287+02	ROUTE 13	RT	19		FENCE
104	281+15	300+40	ROUTE 13	LT	1662		FENCE
104	310+30	313+71	ROUTE 13	LT	467		FENCE
104	313+71		ROUTE 13	LT		1	GATE
106	303+70	307+00	ROUTE 13	LT	307		FENCE
106	307+00	307+01	ROUTE 13	LT	22		FENCE
107	316+90	318+43	ROUTE 13	LT	178		FENCE
109	347+00	347+02	ROUTE 13	RT	44		FENCE
109	356+93	356+94	ROUTE 13	RT	32		FENCE
109	353+62	353+64	ROUTE 13	LT	54		FENCE
110	363+10	363+12	ROUTE 13	RT	28		FENCE
110	368+27	370+24	ROUTE 13	RT	262		FENCE
110	360+75	363+17	ROUTE 13	LT	342		FENCE
111	381+44	384+12	ROUTE 13	RT	300		FENCE
111	384+00	384+11	ROUTE 13	RT		3	GATE
111	384+12	386+46	ROUTE 13	RT	234		FENCE
112	396+73	398+00	ROUTE 13	RT	127		FENCE

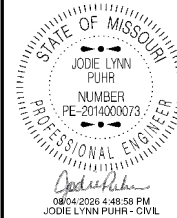
* GATES INCLUDED IN FENCE
PAY TOTAL AT 10 LF EACH.

CLEARING AND GRUBBING							
STATION	STATION	LOCATION	SIDE	CLEARING AND GRUBBING ACRE	MULCHING ACRE	TEMPORARY SEEDING ACRE	REMARK
SOUTHBOUND PASSING LANE 1							
382+67.50	384+51.02	ROUTE 13	LT	0.2	0.2	0.2	
389+26.92	391+98.17	ROUTE 13	LT	0.2	0.2	0.2	
404+03.41	405+11.96	ROUTE 13	LT	0.2	0.2	0.2	
410+61.87	411+66.27	ROUTE 13	LT	0.1	0.1	0.1	
418+57.51	421+04.50	ROUTE 13	LT	0.3	0.3	0.3	
ROUTE 13 AT ROUTE YY							
501+51.90	0+35.00	ROUTE 13	LT	0.1	0.1	0.1	
0+12.15	4+87.61	ROUTE 13	RT	0.3	0.3	0.3	
0+73.14	5+91.66	ROUTE 13	LT	0.3	0.3	0.3	
NORTHBOUND PASSING LANE 1							
54+28.11	57+83.41	ROUTE 13	LT	0.4	0.4	0.4	
80+43.76	83+76.43	ROUTE 13	LT	0.3	0.3	0.3	
SOUTHBOUND PASSING LANE 2							
107+14.04	112+11.91	ROUTE 13	LT	0.5	0.5	0.5	
117+59.06	124+10.29	ROUTE 13	LT	0.9	0.9	0.9	
135+54.71	136+55.87	ROUTE 13	LT	0.1	0.1	0.1	
167+16.95	170+95.29	ROUTE 13	LT	0.4	0.4	0.4	
NORTHBOUND PASSING LANE 2							
265+81.24	268+87.09	ROUTE 13	RT	0.2	0.2	0.2	
268+98.86	278+09.73	ROUTE 13	RT	1	1	1	
300+13.41	302+93.28	ROUTE 13	LT	0.3	0.3	0.3	
301+74.87	309+54.09	ROUTE 13	RT	0.5	0.5	0.5	
303+30.87	304+52.49	ROUTE 13	LT	0.1	0.1	0.1	
306+56.54	309+74.89	ROUTE 13	LT	0.3	0.3	0.3	
309+95.21	312+66.70	ROUTE 13	LT	0.1	0.1	0.1	
310+88.11	313+82.27	ROUTE 13	RT	0.2	0.2	0.2	
320+01.52	322+47.53	ROUTE 13	LT	0.2	0.2	0.2	
TWO-WAY LEFT-TURN LANE							
360+04.03	360+58.52	ROUTE 13	LT	0.1	0.1	0.1	
361+43.74	362+32.66	ROUTE 13	RT	0.1	0.1	0.1	
				SUBTOTAL	7.4	7.4	
				PAY TOTAL	7	7.4	

EARTHWORK								
STATION	STATION	LOCATION	UNCLASSIFIED EXCAVATION CY	EMBANKMENT IN PLACE CY	COMPACTING EMBANKMENT CY	COMPACTING IN CUT STA	EXCESS CY	REMARKS
ROUTE 13 AT BR. NO. G0819								
355+83.76	358+00.94	ROUTE 13	1,114.5				1,114.5	EXCLUDES ASSUMED 10 CY EXIST. PVM'T *
SOUTHBOUND PASSING LANE 1								
362+81.80	443+99.45	ROUTE 13	11,016.7		7,382.7	7.6	1798.3	EXCLUDES ASSUMED 937 CY EXIST. PVM'T *
ROUTE 13 AT ROUTE YY								
501+51.90	5+91.67	ROUTE 13	4,683.3		5.4	5.7	3,897.6	EXCLUDES ASSUMED 1080 CY EXIST. PVM'T *
NORTHBOUND PASSING LANE 1								
5+91.67	86+57.00	ROUTE 13	13,592.2		4,399.0	1.5	6,928	EXCLUDES ASSUMED 14340 CY EXIST. PVM'T *
SOUTHBOUND PASSING LANE 2								
107+03.02	175+29.61	ROUTE 13	17,974.1		6,028.8	20.3	8,949.2	
ROUTE 13 AT ROUTE H								
197+52.15	230+80.43	ROUTE 13	35,934	9,290	29,945	16		EXCLUDES ASSUMED 2,357 CY EXIST. PVM'T *
0+00.00	2+53.46	CONNECTOR RD	63.6		31.7		21.3	
1+54.77	11+55.31	TEMPORARY RD	103.8	549.6	87			
0+50.00	3+72.88	ENT 225+76	34.5	57.7	29			
NORTHBOUND PASSING LANE 2								
246+30.45	336+17.00	ROUTE 13	24,240		5,160	23.2	15,040	
TWO-WAY LEFT-TURN LANE								
336+17.00	398+20.48	ROUTE 13	23,604.2		3,641.2	27.5	16,028.8	
		SUBTOTAL	132,360.9	9,897.3	56,709.8	101.8	INFORMATION	
		PAY TOTAL	132,361	9,897	56,710	101.8	PURPOSE ONLY	

* CROSS SECTIONS DO NOT REFLECT THIS EXCLUSION.

SUMMARY OF QUANTITIES
SHEET 4 OF 32



DATE PREPARED

8/4/2026

ROUTE 13	STATE MO
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DISTRICT	SHEET NO
KC	3

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

REV.

SEDIMENT CONTROL - TABLE 4 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				
244	219+78.00	220+08.16	ROUTE 13	LT			14.5	2		2 @ 30' SPACING
244	218+30.64	219+50.64	ROUTE 13	RT			36.25	5		5 @ 30' SPACING
244-245	218+91.98	226+52.54	ROUTE 13	RT				8	762	
244-245	219+80.64	224+42.91	ROUTE 13	RT			166.75	23		23 @ 21' SPACING
244	220+88.62		ROUTE 13	LT			7.25	1		1 ALT. DITCH CHECK
244-245	221+18.60	221+54.45	ROUTE 13	LT			29	4		4 @ 12' SPACING
244	220+49.54	220+41.80	TEMPORARY RD.	LT				2	192	TEMPORARY ROAD
244	220+75.84	220+69.92	TEMPORARY RD.	RT				2	153	TEMPORARY ROAD
244	220+60.73	222+38.28	TEMPORARY RD.	LT				2	216	TEMPORARY ROAD
244	220+69.84	222+72.47	TEMPORARY RD.	RT				2	242	TEMPORARY ROAD
245	222+51.72	226+82.49	TEMPORARY RD.	LT				5	483	TEMPORARY ROAD
245	3+63.26	4+35.87	TEMPORARY RD.	RT			14.5	2		2 @ 50' SPACING; TEMPORARY ROAD
245	4+35.87	5+78.44	TEMPORARY RD.	RT			7.3	1		1 ALT. DITCH CHECK; ALT DITCH CHECK
245	5+78.44		TEMPORARY RD.	RT			14.5	2		2 @ 25' SPACING; TEMPORARY ROAD
245	227+03.65	228+39.78	ROUTE 13	LT				2	156	TEMPORARY ROAD
245	226+87.84	229+33.15	ROUTE 13	RT				4	430	TEMPORARY ROAD
245	228+29.63	229+02.25	ROUTE 13	LT				1		11 J-HOOKS @ 15' SPACING; TEMPORARY ROAD
245	229+02.95	229+26.60	ROUTE 13	LT				1	41	TEMPORARY ROAD
245	229+20.99	229+34.22	ROUTE 13	LT				1		4 J-HOOKS @ 15' SPACING; TEMPORARY ROAD
245	229+35.79	229+60.66	ROUTE 13	LT				1	51	TEMPORARY ROAD
245	229+59.25	229+71.09	ROUTE 13	LT				1		2 J-HOOKS @ 15' SPACING; TEMPORARY ROAD
245	229+73.07	229+77.40	ROUTE 13	LT				1	33	TEMPORARY ROAD
245	229+74.21	229+68.96	ROUTE 13	LT				1		7 J-HOOKS @ 15' SPACING; TEMPORARY ROAD
245	229+72.22	229+75.05	ROUTE 13	LT				1	57	TEMPORARY ROAD
245	221+86.67	224+68.94	ROUTE 13	LT				15		15 @ 21' SPACING
245	224+80.68	225+39.74	ROUTE 13	LT			14.5	2		2 @ 50' SPACING
245	224+86.73	226+87.10	ROUTE 13	RT			36.25	5		5 @ 50' SPACING
245	225+77.13	229+32.11	ROUTE 13	LT				4	356	
245	226+30.36	227+39.74	ROUTE 13	LT			21.75	3		3 @ 50' SPACING
245	227+87.10	230+80.43	ROUTE 13	RT			50.75	7		7 @ 50' SPACING
245	228+25.04	229+32.82	ROUTE 13	LT			21.75	3		3 @ 50' SPACING
245	230+22.79	230+82.53	ROUTE 13	LT			14.5	2		2 @ 50' SPACING
246	246+33.53	247+83.62		LT			21.8	3		3 @ 75' SPACING
246-247	247+99.51	248+46.25		LT			29	4		4 @ 16' SPACING
247	248+75.94	249+65.02		LT			29	4		4 @ 30' SPACING
247	249+69.21	252+30.05		LT				3	261.7	
247	252+24.95			LT			7.3	1		1 ALT. DITCH CHECK
247	254+31.36			LT			7.3	1		1 ALT. DITCH CHECK
247	254+68.00	255+16.48		LT			21.8	3		3 @ 25' SPACING
247	256+07.92			LT			7.25	1		1 ALT. DITCH CHECK
247	256+32.90	257+88.76		LT			94.25	13		13 @ 25' SPACING
247	258+08.36	258+26.76		LT			14.5	2		2 @ 19' SPACING
247	258+37.69	258+70.50		LT			29	4		4 @ 11' SPACING
247	258+85.45	259+15.28		LT			21.75	3		3 @ 15' SPACING
247	259+40.21			LT			7.25	1		1 ALT. DITCH CHECK
247	259+77.21	260+11.30		LT			29	4		4 @ 13' SPACING
247	260+54.91	260+60.56		LT			21.75	3		3 @ 10' SPACING
246-248	260+80.82	263+55.25		LT			87	12		12 @ 25' SPACING
247	258+33.31	258+66.17		RT			29	4		4 @ 11' SPACING
247	258+81.11	259+25.94		RT			29	4		4 @ 15' SPACING
247	259+73.82	260+16.54		RT			50.75	7		7 @ 9' SPACING
248	263+62.66	265+58.82		LT				2	196.4	
248	265+62.68	266+76.33		LT			50.75	7		7 @ 19' SPACING
248	266+92.33	267+87.25		LT			50.75	7		7 @ 16' SPACING
248	268+24.25			LT			7.3	1		1 ALT. DITCH CHECK
248	268+61.30	270+36.20		LT			58	8		8 @ 25' SPACING
248	271+11.19			LT			7.25	1		1 ALT. DITCH CHECK
248	266+81.31	268+90.24		RT				2	218.9	
248	269+12.31	273+92.05		RT			123.25	17		7 @ 30' SPACING
248-249	273+76.66	276+33.90		RT				3	273.8	
249	276+36.25	282+45.91		RT			348	48		48 @ 13' SPACING
249	282+27.92	283+02.01		LT			21.75	3		3 @ 37' SPACING
249	283+68.38			LT			7.3	1		1 ALT. DITCH CHECK
249	285+18.44			LT			7.3	1		1 ALT. DITCH CHECK
249	285+93.34	287+91.59		LT			36.5	5		5 @ 50' SPACING
249	283+92.20	288+64.09		RT				5	475.3	
250	289+24.36	302+67.25		LT			391.5	54		54 @ 25' SPACING
250	299+60.41			RT			7.25	1		1 ALT. DITCH CHECK
SUBTOTAL TABLE 4					0	0	2,103.2	359	4,598.1	
PAY TOTAL					*	*	*	*	*	

* SEE EROSION CONTROL - TABLE 6 FOR PAY TOTAL.

SUMMARY OF QUANTITIES
SHEET 10 OF 32

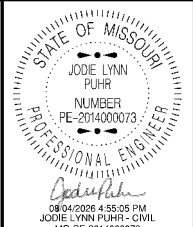
STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER



DATE PREPARED
8/4/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
3

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
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DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

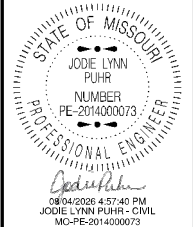


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REV.

RELOCATION OF EXISTING SIGNS - TABLE 1										
SHEET NO.	SIGN NO.	LOCATION	EXISTING LOCATION			RELOCATION			QUANTITY EACH	REMARK
			STATION	OFFSET	SIDE	STATION	OFFSET	SIDE		
261	5	RTE 13	373+77.64	21.49'	RT	377+12.08	24.89'	RT	1	
263	7	RTE 13	395+46.57	42.00'	LT	395+36.37	45.58	LT	1	
263	8	RTE 13	395+41.04	33.63'	LT	395+28.26	32.31'	LT	2	
263	9	RTE 13	395+80.91	33.95'	LT	396+03.13	26.98'	LT	1	
266	16	RTE 13	440+99.42	22.45'	RT	440+99.45	29.12'	RT	2	
266	17	RTE 13	443+15.18	21.33'	LT	443+15.18	30.93'	LT	1	
270	27	RTE 13	499+55.99	26.96'	LT	499+33.05	27.97'	LT	2	
271	28	RTE 13	502+04.95	18.75'	LT	501+85.51	27.94'	LT	1	
271	29	RTE 13	0+25.60	42.58'	LT	0+11.52	28.22'	LT	1	
271	30	RTE 13	0+10.02	38.99'	RT	0+27.62	29.60'	RT	2	
271	31	RTE 13	0+37.66	26.10'	RT	0+37.77	30.00'	RT	4	
271	32	RTE 13	0+46.05	31.61'	RT	0+52.99	30.00'	RT	1	
271	33	RTE 13	0+55.16	29.16'	RT	0+60.00	29.22'	RT	2	
271	34	RTE 13	1+16.51	28.02'	LT	1+16.47	36.98'	LT	4	
271	35	RTE 13	1+73.67	26.22	RT	1+73.74	29.16'	RT	2	
272	37	RTE 13	13+53.17	23.21'	LT	13+48.67	45.04	LT	2	
273	38	RTE 13	26+36.60	30.79	LT	26+25.05	44.31'	LT	2	
273	39	RTE 13	26+71.92	33.78'	RT	26+79.06	27.82'	RT	2	
275	46	RTE 13	66+80.62	28.42'	RT	66+80.62	28.60'	RT	2	
276	48	RTE 13	79+17.71	26.84'	LT	79+03.52	41.70'	LT	2	
276	49	RTE 13	79+54.84	46.18'	RT	79+61.77	30.12'	RT	2	
276	50	RTE 13	80+19.06	22.26'	RT	80+19.06	28.96'	RT	1	
278	52	RTE 13	106+65.46	25.46'	RT	106+69.89	31.92'	RT	2	
279	53	RTE 13	113+55.70	17.94'	LT	113+55.70	40.00'	LT	1	
280	56	RTE 13	128+10.99	28.63'	LT	127+89.88	46.63'	LT	1	
280	57	RTE 13	128+66.12	25.30'	LT	127+89.88	46.63'	LT	1	
280	58	RTE 13	137+14.64	21.00'	LT	137+14.21	46.11'	LT	1	
283	62	RTE 13	167+38.48	38.85'	RT	167+64.74	30.08'	RT	1	
283	63	RTE 13	167+38.48	38.85'	RT	167+64.74	30.08'	RT	1	
285	66	RTE 13	206+69.23	25.11'	LT	200+55.73	29.24'	LT	4	
285	67	RTE 13	202+89.05	26.77'	LT	202+79.06	38.27'	LT	1	
285	68	RTE 13	206+26.37	21.35'	LT	206+23.01	34.32'	LT	2	
285	69	RTE 13	207+10.52	21.83'	LT	207+01.48	35.99'	LT	2	
285	70	RTE 13	207+67.13	28.29'	LT	207+67.52	34.56'	LT	2	
285	71	RTE 13	207+70.33	28.28'	LT	207+74.50	34.52'	LT	4	
286	72	RTE 13	211+03.15	22.31'	LT	211+03.15	45.60'	LT	1	
286	73	RTE 13	218+72.85	21.86'	LT	218+46.32	34.85'	LT	2	
289	76	RTE 13	259+53.60	20.21'	LT	259+53.63	36.00'	LT	1	
289	77	RTE 13	260+16.16	31.46'	LT	259+97.38	49.36'	LT	2	
290	78	RTE 13	267+40.55	27.76'	LT	267+27.94	42.58'	LT	1	
290	79	RTE 13	274+54.39	13.72'	RT	274+54.73	44.65'	RT	1	
291	81	RTE 13	285+35.46	13.55'	RT	285+33.28	37.38'	RT	1	
292	87	RTE 13	300+35.80	32.10'	RT	300+52.13	29.81'	RT	2	
293	88	RTE 13	309+35.53	24.25'	LT	309+35.53	44.22'	LT	1	
293	89	RTE 13	313+58.98	31.16'	LT	310+40.29	51.01'	LT	2	
294	91	RTE 13	322+12.76	20.53'	LT	322+12.81	44.56'	LT	1	
294	94	RTE 13	329+64.53	17.13'	LT	329+64.92	35.59'	LT	1	
295	95	RTE 13	331+94.17	42.86'	LT	331+94.18	36.51'	LT	1	
295	96	RTE 13	333+38.73	56.50'	RT	333+50.33	37.34'	RT	2	
295	97	RTE 13	339+76.56	29.93'	LT	339+76.58	36.61'	LT	2	
295	98	RTE 13	342+13.35	28.93'	LT	342+13.36	35.64'	LT	1	
296	99	RTE 13	349+17.52	25.72'	RT	349+17.53	36.59'	RT	2	
296	100	RTE 13	350+88.02	36.49'	RT	351+00.28	36.58'	RT	2	
297	102	RTE 13	359+92.72	48.15'	RT	360+24.37	39.89'	RT	2	
297	103	RTE 13	360+09.50	25.68'	RT	360+48.25	35.73'	RT	1	
297	104	RTE 13	366+42.98	36.15'	LT	366+35.04	36.56'	LT	2	
297	105	RTE 13	368+85.05	21.90'	LT	368+76.87	35.67'	LT	1	
297	106	RTE 13	368+79.56	21.51'	RT	368+85.66	35.56'	RT	1	
298	107	RTE 13	375+18.28	38.85'	LT	375+04.15	36.60'	LT	2	
298	109	RTE 13	383+07.52	20.79'	RT	383+07.85	37.08'	RT	5	
298	110	RTE 13	385+46.32	21.62'	LT	385+43.13	36.67'	LT	1	
NOTE: SEE RELOCATION OF EXISTING SIGNS - TABLE 2 FOR PAY TOTAL.						SUBTOTAL - TABLE 1			104	

RELOCATION OF EXISTING SIGNS - TABLE 2										
SHEET NO.	SIGN NO.	LOCATION	EXISTING LOCATION			RELOCATION			QUANTITY EACH	REMARK
			STATION	OFFSET	SIDE	STATION	OFFSET	SIDE		
299	111	RTE 13	388+70.68	23.83'	RT	388+70.68	36.00'	RT	1	
299	112	RTE 13	389+35.21	23.00'	RT	387+02.99	36.61'	RT	1	
299	114	RTE 13	392+63.59	25.54'	RT	392+64.14	47.99'	RT	7	
299	115	RTE 13	392+08.36	26.91'	LT	392+07.81	28.90'	LT	2	
299	116	RTE 13	393+02.05	60.14'	LT	392+73.11	50.79'	LT	4	
299	117	RTE 13	393+08.23	58.29'	LT	392+84.29	55.57'	LT	1	
299	118	RTE 13	393+45.14	107.05'	LT	393+46.15	70.50'	LT	1	
299	119	RTE 13	393+50.26	46.40'	RT	393+71.19	46.64'	RT	1	
299	120	RTE 13	393+55.48	30.33'	RT	393+83.70	48.04'	RT	4	
299	121	RTE 13	393+70.73	30.33'	RT	393+47.65	35.04'	RT	3	
299	122	RTE 13	394+07.04	26.45'	LT	394+06.49	43.53'	LT	6	
299	123	RTE 13	394+25.45	23.00'	RT	394+37.20	36.06'	RT	2	
299	124	RTE 13	395+16.76	23.00'	RT	395+87.91	37.23'	RT	6	
299	125	RTE 13	395+87.67	24.73'	RT	396+40.33	39.99'	RT	1	
299	126	RTE 13	396+67.69	26.50'	LT	396+67.69	41.18'	LT	1	
299	127	RTE 13	396+41.60	19.12'	RT	397+11.86	30.52'	RT	1	
299	128	RTE 13	396+71.83	23.00'	RT	397+63.80	29.03'	RT	1	
299	129	RTE 13	397+13.17	19.59'	RT	398+05.49	29.44'	RT	1	
SUBTOTAL - TABLE 2									44	
SUBTOTAL - TABLE 1									104	
PAY TOTAL									148	



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

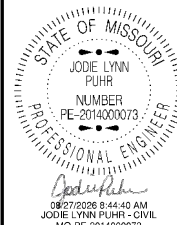
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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																
10	404+78.99	ROUTE 13	LT	1			70						2					
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
13	MO

DISTRICT	SHEET NO
KC	3

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
14P2333

CONTRACT ID.

PROJECT NO.

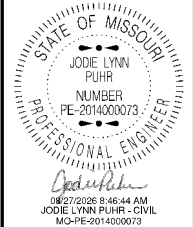
BRIDGE NO.

[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

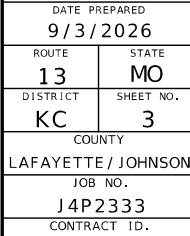


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

* 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



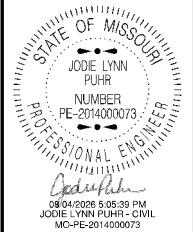
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COMMISSION

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

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

*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)

* SEE PAVEMENT TREATMENT - RESURFACING FOR PAY TOTAL.

REV.

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

08/27/2026 9:14:01 AM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

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)

MoDOT

REV.

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	

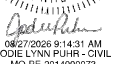
SUMMARY OF QUANTITIES
SHEET 26 OF 32

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

DISTRICT
KC

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)

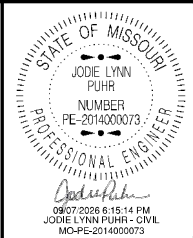
CONTROL STATION & POWER SUPPLY							
SHEET NO.	CONTROL STATION NO.	STATION	OFFSET	LOCATION	BASE MOUNTED CONTROL STATION 240 VOLT - 4 CIRCUIT EA	POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT, LIGHTING ONLY EA	REMARK
			FT				
258	PS1	205+56.57	79.06' RT	ROUTE 13		1	
258	CS1	205+75.04	73.24' RT	ROUTE 13	1		
259	CS2	259+91.71	67.86' LT	ROUTE 13	1		
259	PS2	260+00.40	80.17' LT	ROUTE 13		1	
				PAY TOTAL	2	2	

LIGHTING CONDUIT AND CABLE													
SHEET NO.	FROM	TO	CENTER TO CENTER	ADD 5% FOR SNAKING	ADD 5 FT PER POLE CONNECTION	ADD 8 FT PER PULL BOX	ADD 6 FT PER CONTROLLER	TRENCHING TYPE 1	CONDUIT 2 IN. RIGID, IN TRENCH	CONDUIT 4 IN. RIGID, PUSHED	CABLE, 10 AWG 1 CONDUCTOR, POLE & BRACKET	CABLE- CONDUIT, 1 IN., 8 AWG 2 CON. & 1 NEUTRAL	REMARK
			LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
258	CS1	PB1	28.5	1.425		8	6		28.5			43.9	
258	PB1	L1	90.19	4.51	5			60.1			90	159.8	
259	CS2	PB2	32.49	1.625		8	6		32.5			48.1	
259	PB2	PB3	75.84	3.792		8				75.8		87.6	
259	PB3	L2	11.56	0.578	5			10.7			90		
259	CS2	PB4	153.92	7.696		8	6					175.6	
259	PB4	L3	31.93	1.5965	5			32			90	70.5	
								PAY TOTAL	103	61	76	270	590

PULL BOX, PREFORMED CLASS 2							
SHEET NO.	PULL BOX NO.	STATION	OFFSET	LOCATION	PULL BOX EA	DRAIN TYPE 2 * EA	REMARK
258	PB1	205+75.48	44.53' RT	ROUTE 13 AND ROUTE H	1	1	
259	PB2	259+77.00	57.76' LT	ROUTE 13 AND CRD 700	1	1	
259	PB3	259+13.18	38.25' LT	ROUTE 13 AND CRD 701	1	1	
259	PB4	260+99.50	35.66' RT	ROUTE 13 AND CRD 700	1	1	
				PAY TOTAL	4	*	

* NO DIRECT PAY FOR PULL BOX DRAIN

LIGHTING POLES & APPURTENANCES										
SHEET NO.	POLE NO.	STATION	OFFSET	LOCATION	LIGHTING POLE, 30 FT, TYPE AT	BRACKET ARM, 12 FT	BRACKET ARM, 15 FT	LUMINAIRE LED-A	POLE FOUNDATION 30 FT. MOUNTING HEIGHT	REMARK
			FT		EA	EA	EA	EA	EA	
258	L1	206+60.87	61.30' RT	ROUTE 13 AND ROUTE H	1		1	1	1	
259	L2	259+01.83	40.95' LT	ROUTE 13 AND CRD 700	1	1		1	1	
259	L3	261+29.63	32.83' RT	ROUTE 13 AND CRD 700	1		1	1	1	
				PAY TOTAL	3	1	2	3	3	



DATE PREPARED 9/3/2026	
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



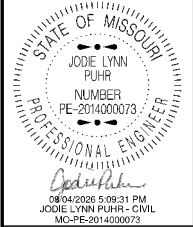
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

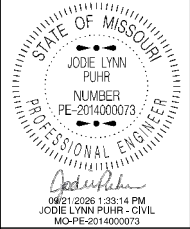
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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	



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)

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	

SUMMARY OF QUANTITIES
SHEET 30 OF 32

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

STATE
MO

DISTRICT
KC

SHEET NO.
3

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

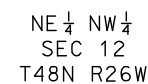
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

WARNING SIGNS								GUIDE SIGNS								ITEM		TOTAL		EFFECTIVE: 07-01-2024	
SIGN	SIZE	AREA	QTY	TOTAL AREA	QTY RELOC	TOTAL RELOC	SIGN NUM.	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	QTY RELOC	TOTAL RELOC	SIGN NUM.	DESCRIPTION	NUMBER	QTY	DESCRIPTION	
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	2	16.00				END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-4L	48X48	16.00	8	128.00				REVERSE CURVE (SYMBOL LEFT)	GO20-4a	18X24	3.00	37	111.00				PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4R	48X48	16.00	8	128.00				REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50	14	21.00				PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	4	24.00				WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00	3	9.00				END DETOUR	6123001	2	TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6161008		ADVANCED WARNING RAIL SYSTEM	
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)	6161025	603	CHANNELIZER (TRIM LINE)	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161030	20	TYPE III MOVEABLE BARRICADE	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161033		DIRECTION INDICATOR BARRICADE	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161040	2	FLASHING ARROW PANEL	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161047		TYPE III OBJECT MARKER	
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	8	96.00				SPEED LIMIT XX	6161070		TUBULAR MARKER	
WO3-4	48X48	16.00	14	224.00				BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS			CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161098A		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT		14	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6161099		WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6162000A		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE	6162002		TEMPORARY TRAFFIC BARRIER	
WO5-5	48X48	16.00	2	32.00				NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6173600D		CONTRACTOR FURNISHED/RETAINED	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)			TEMPORARY TRAFFIC BARRIER	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO7-3a	30X24	5.00	2	10.00				NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6174000A		RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-1	48X48	16.00	13	208.00				BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6175010A			
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6176000B		TEMPORARY TRAFFIC BARRIER	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)			COMMISSION FURNISHED/RETAINED	
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED	6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE		6208064A		
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	9029400		TEMPORARY RAISED PAVEMENT MARKER	
WO8-6c	48X48	16.00						TRUCK ENTRANCE													
WO8-7	36X36	9.00						LOOSE GRAVEL	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)			TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-2	48X30	10.00	4	40.00				ROAD CLOSED				
WO8-9	48X48	16.00						LOW SHOULDER	R11-3a	60X30	12.50	4	50.00				ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY				
WO8-11	48X48	16.00						UNEVEN LANES													
WO8-12	48X48	16.00						NO CENTER LINE	R11-4	60X30	12.50	4	50.00				ROAD CLOSED TO THRU TRAFFIC				
WO8-15	48X48	16.00						GROOVED PAVEMENT	CONST-3A	60X48	20.00						FINE SIGN				
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)				
WO8-17L	48X48	16.00	2	32.00				SHOULDER DROP-OFF (SYMBOL LEFT)	MISCELLANEOUS SIGNS												
WO8-17R	48X48	16.00	6	96.00				SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-5	48X36	12.00						POINT OF PRESENCE				
WO8-17P	30X24	5.00	6	30.00				SHOULDER DROP-OFF (PLAQUE)	CONST-5	96X48	32.00	2	64.00				POINT OF PRESENCE				
W10-1	42RND.	9.62						RAILROAD CROSSING	CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE				
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)	MO4-11	36X78	19.50	17	331.50				50A				
WO12-2	48X48	16.00																			



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.

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)

01

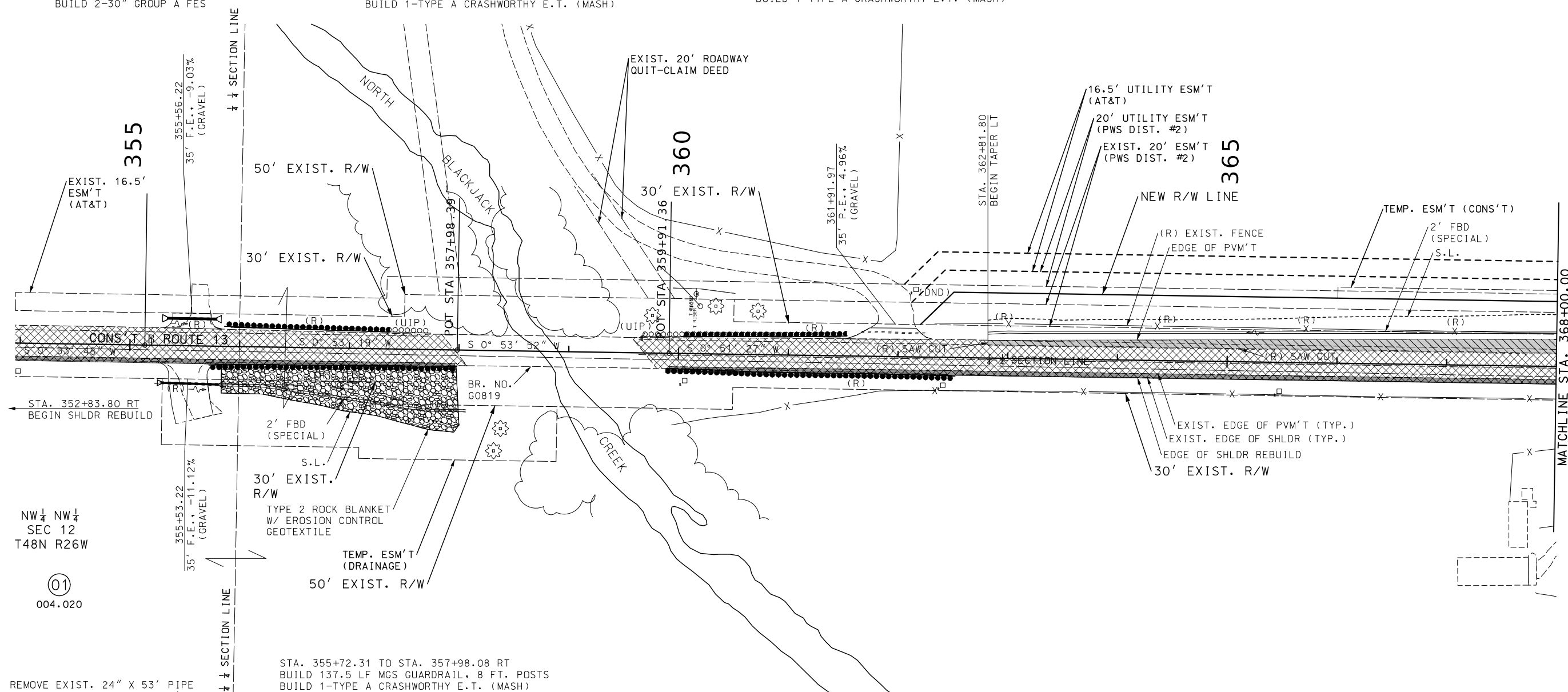
ROBERT A & DOROTHY
BELL FAMILY TRUST

SE $\frac{1}{4}$ NW $\frac{1}{4}$
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.

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)



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+72.31 TO STA. 357+98.08 RT
BUILD 137.5 LF MGS GUARDRAIL, 8 FT. POSTS
BUILD 1-TYPE A CRASHWORTHY E.T. (MASH)
BUILD 1-MGS BR. APPR. TRANSITION SECTION

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

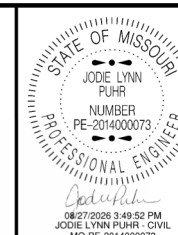
LEGEND

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

PLAN-PROFILE SHEET
SHEET 1 OF 73

MO-FE-2014000073
DATE 09/08/05

8/27/202

ROUTE	ST
1.2	1

13	M
DISTRICT	SHEP

KC

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID

PROJECT NO. _____

BRIDGE NO.

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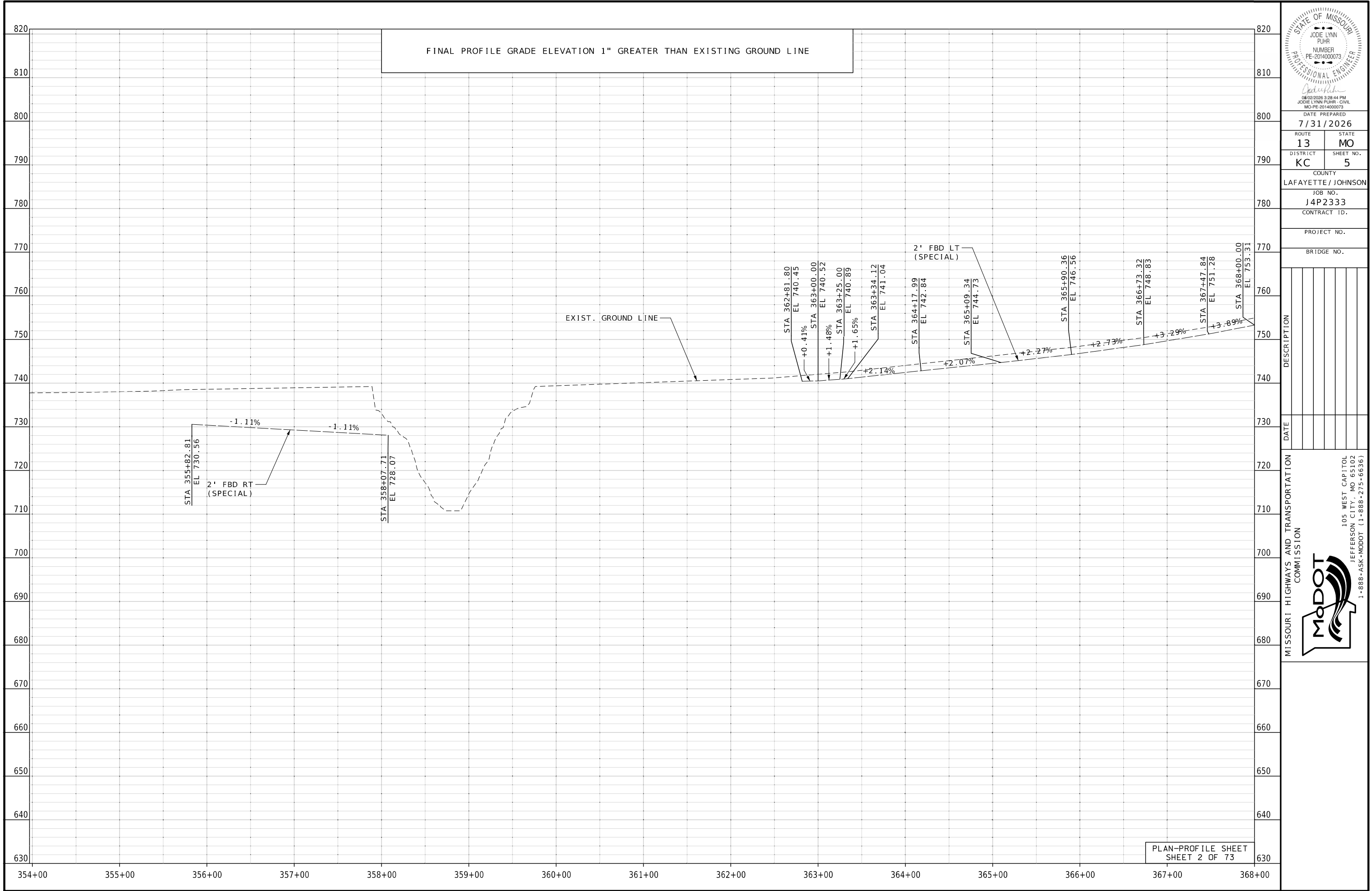
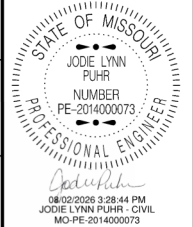
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**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

 **MoDOT**

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





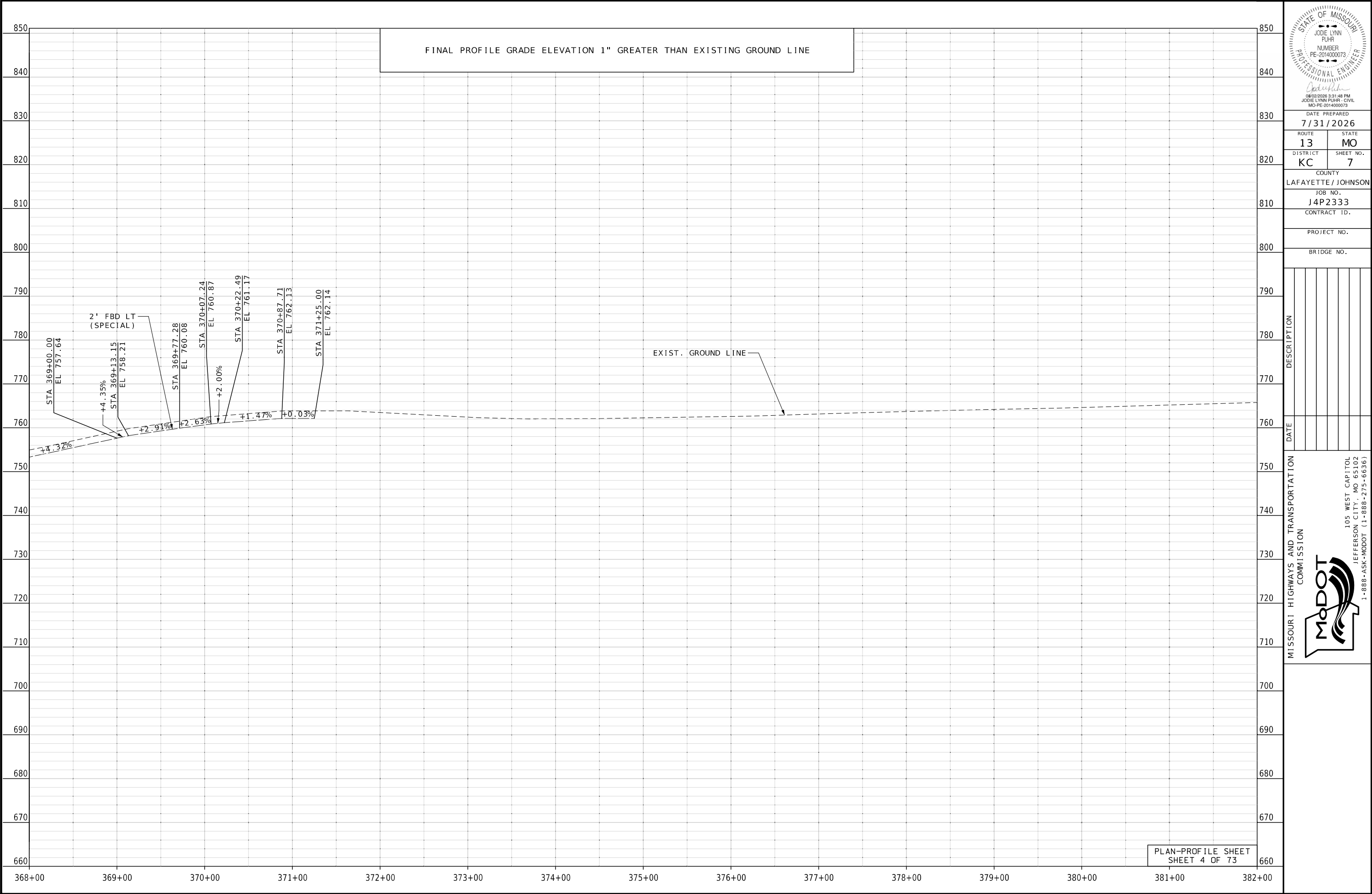
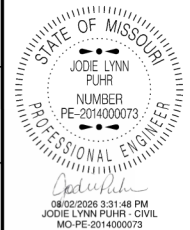
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 5
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



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

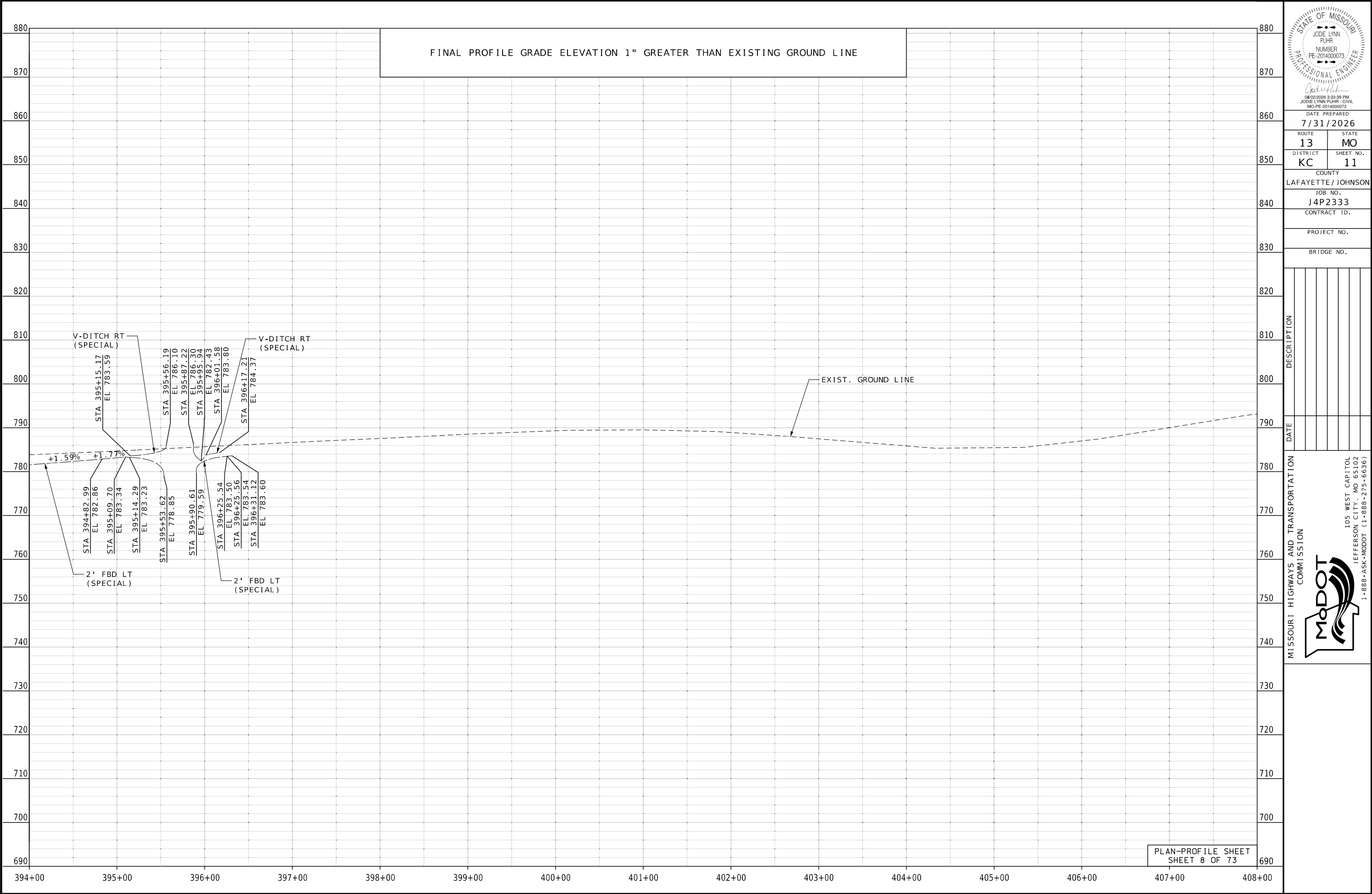
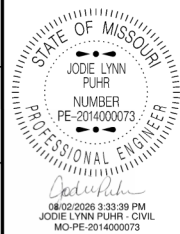
PROJECT NO.

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. 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)

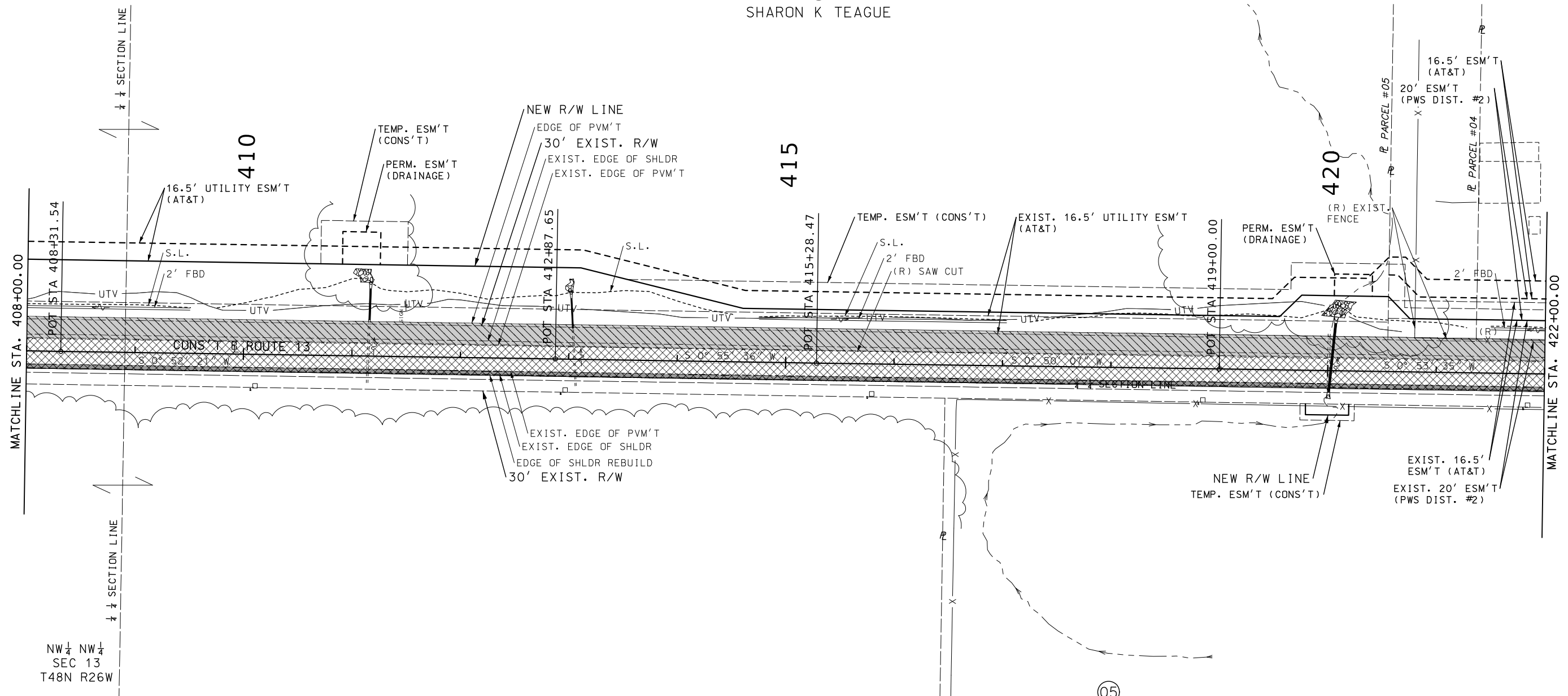
NW $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 13
T48N R26W

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)

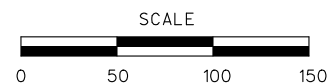
SW $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 13
T48N R26W

05
DYER
FARMS
INC.

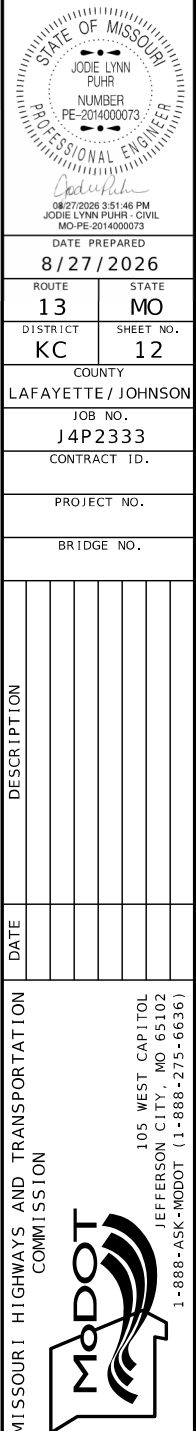
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DYER FARMS INC.



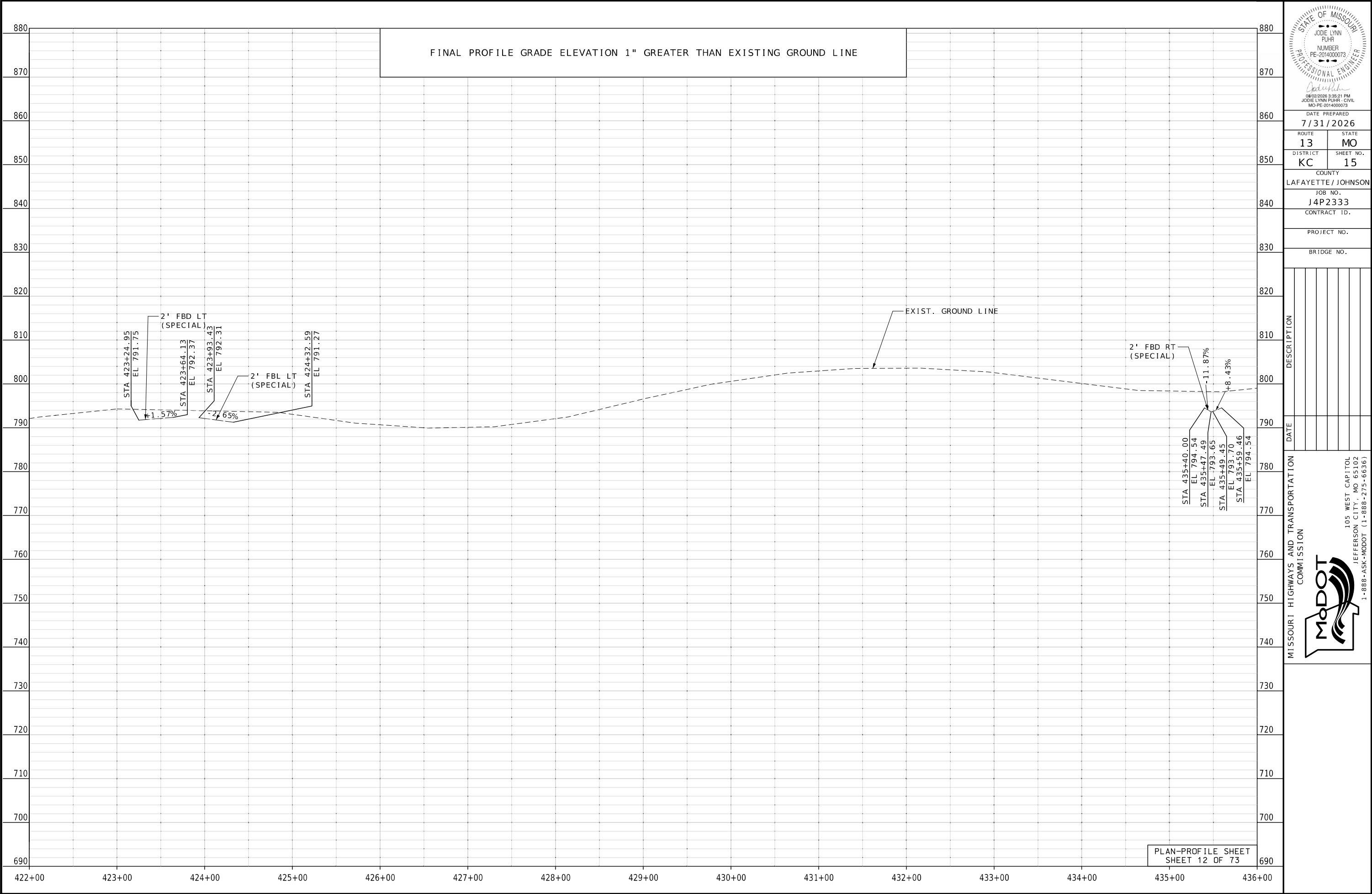
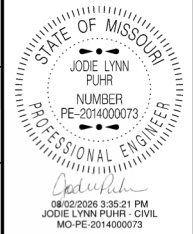
1" COLDMILL
2" OVERLAY SP125C
SHLDR REBUILD
ALTERNATE PVM'T



PLAN-PROFILE SHEET
SHEET 9 OF 73







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

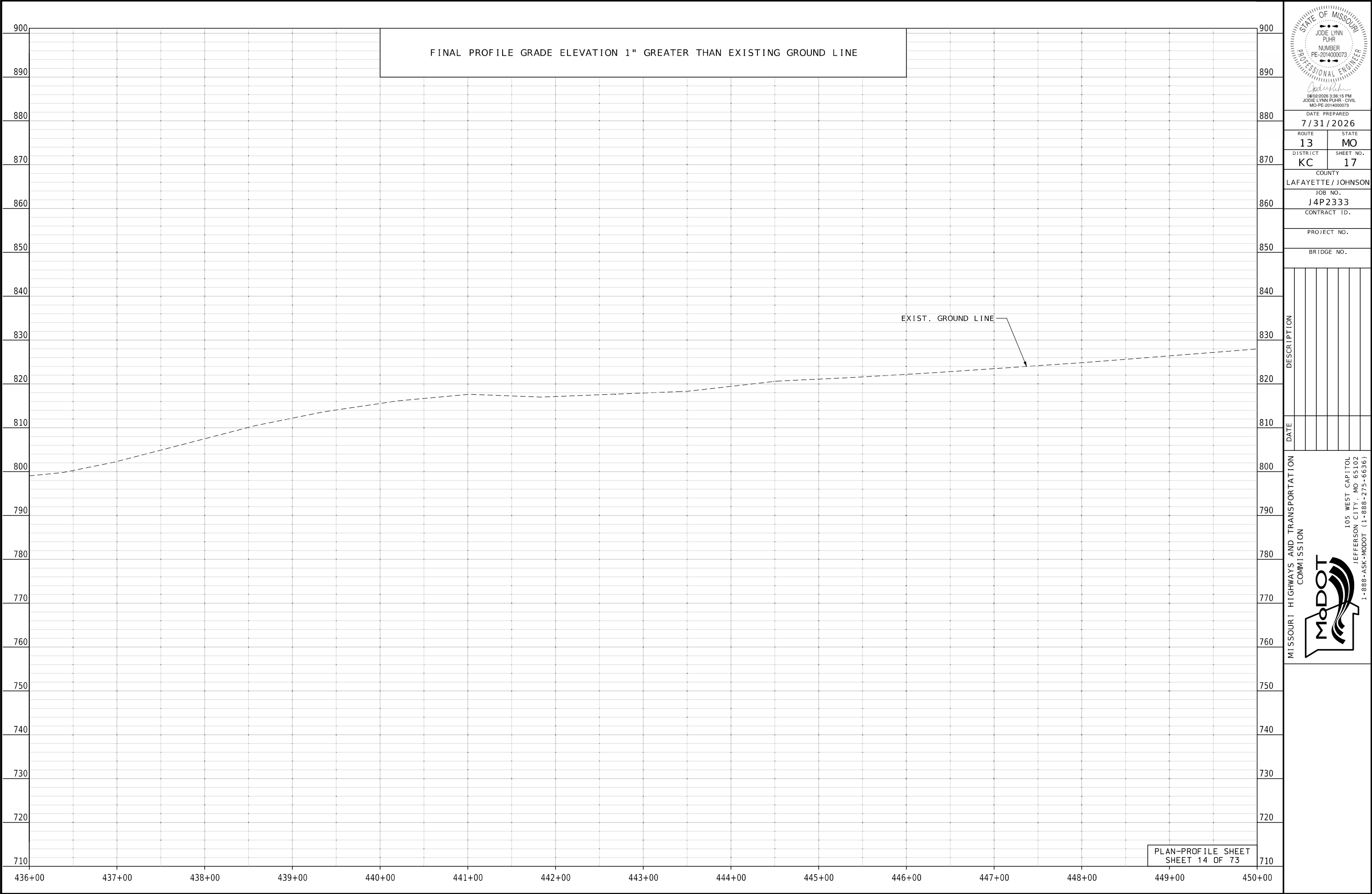
PROJECT NO.
BRIDGE NO.

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)

PLAN-PROFILE SHEET

SHEET 14 OF 73

REMOVE EXISTING 18" X 50' PIPE
STA. 0+33.73 CONST' T & 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)

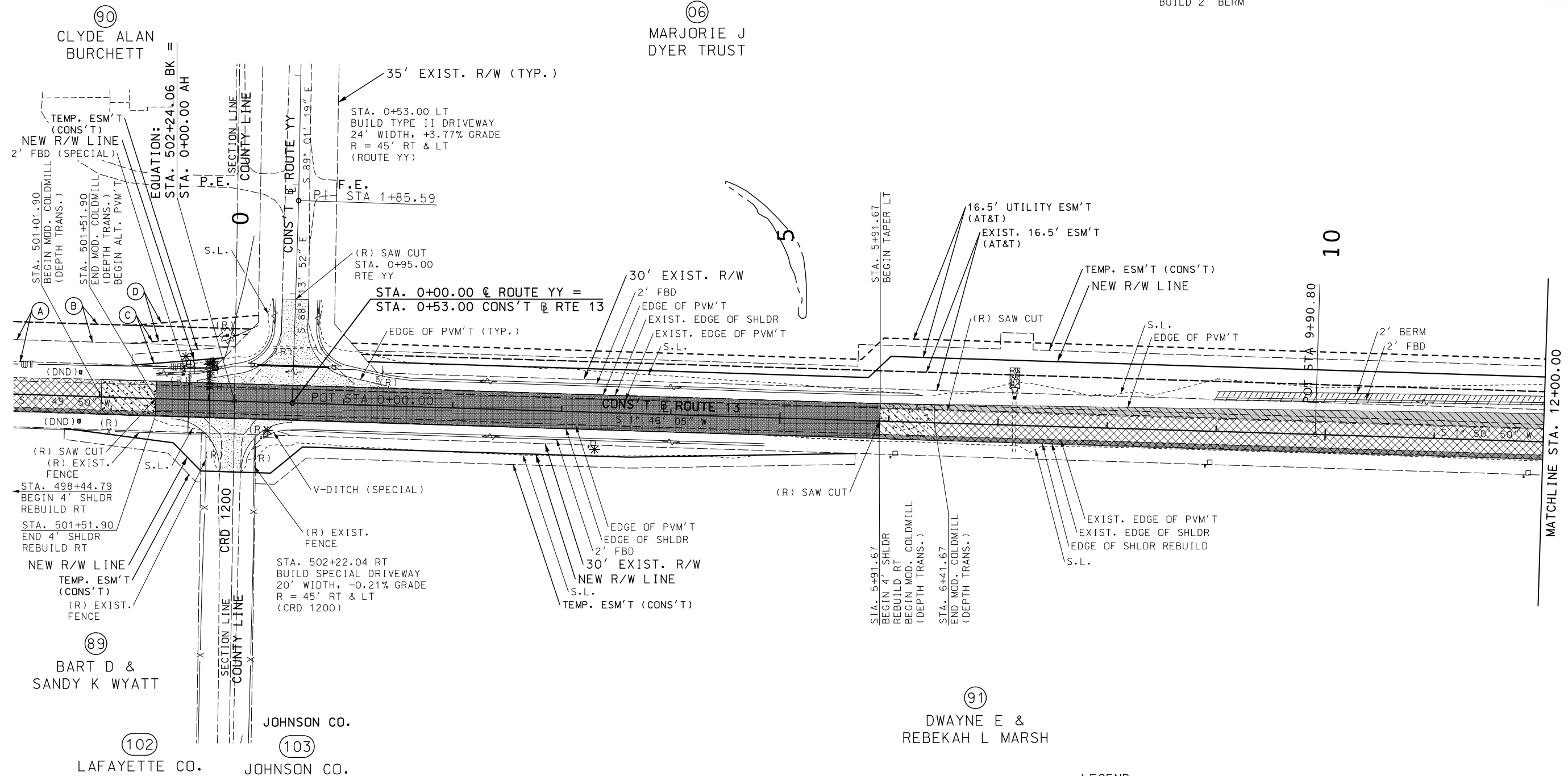
NE $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 25
T48N R26W

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



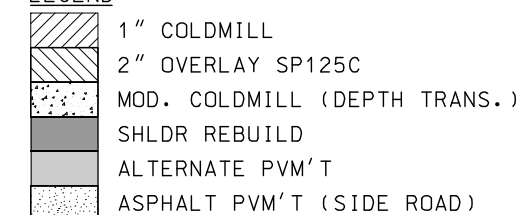
SE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 24
T48N R26W

NOTE:
* RELOCATE UTILITIES BY OTHERS

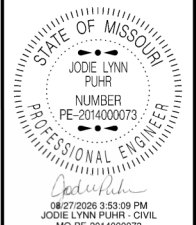
SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

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

LEGEND



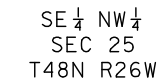
PLAN-PROFILE SHEET
SHEET 15 OF 73



DATE PREPARED	
8/27/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	18
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)

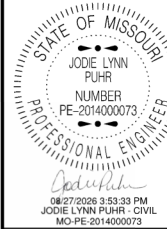


06
MARJORIE J
DYER TRUST

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



DATE PREPARED
8/27/2026

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

DISTRICT	SHEET NO.
KC	20

COUNTY
LA FAYETTE / JOHNS

JOB NO.
14B2333

J4P2333

CONTRACT ID.

PROJECT NO.

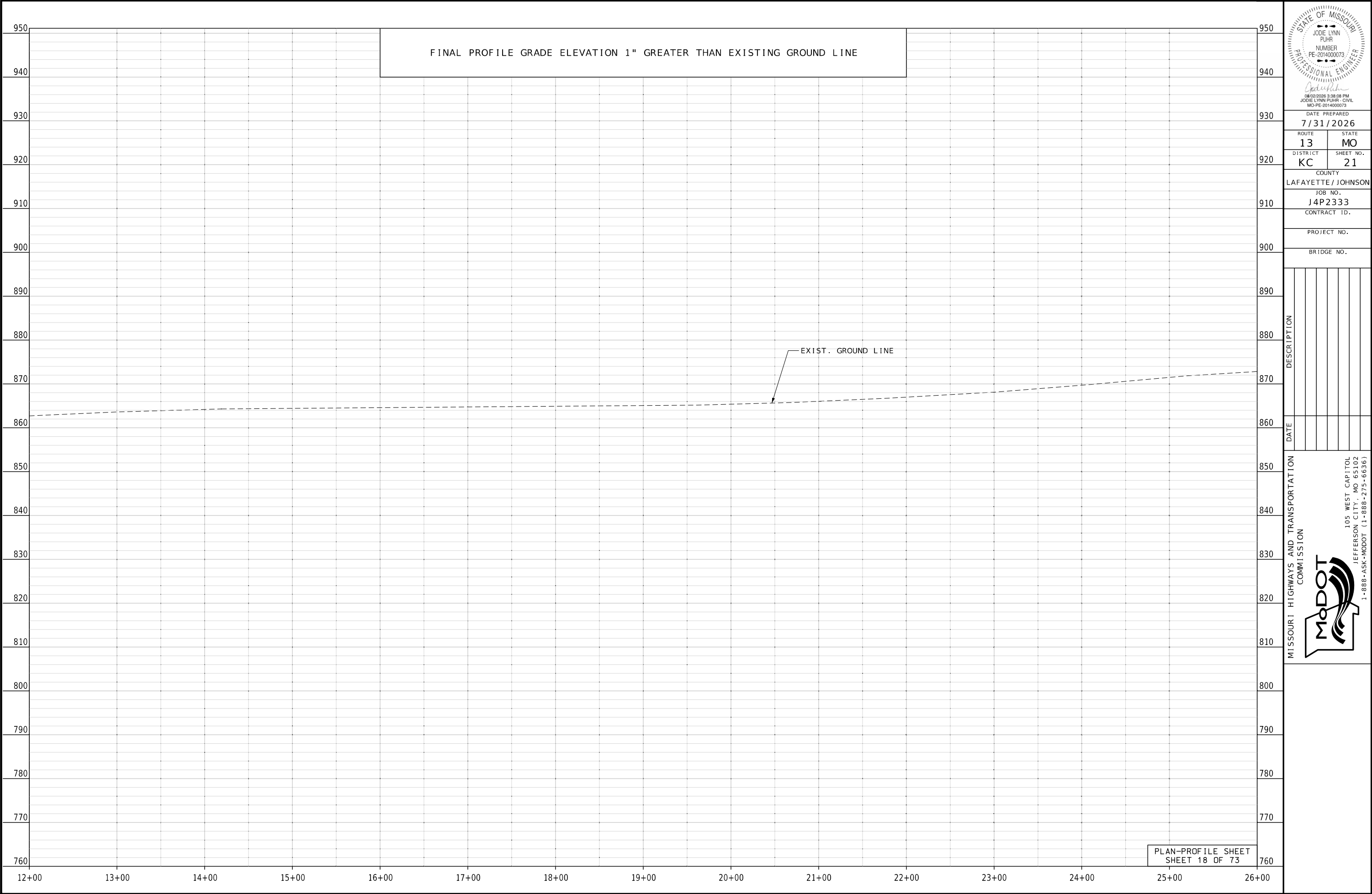
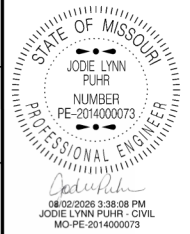
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITAL
JEFFERSON CITY, MO 65102





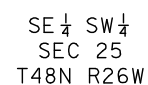
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 21
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

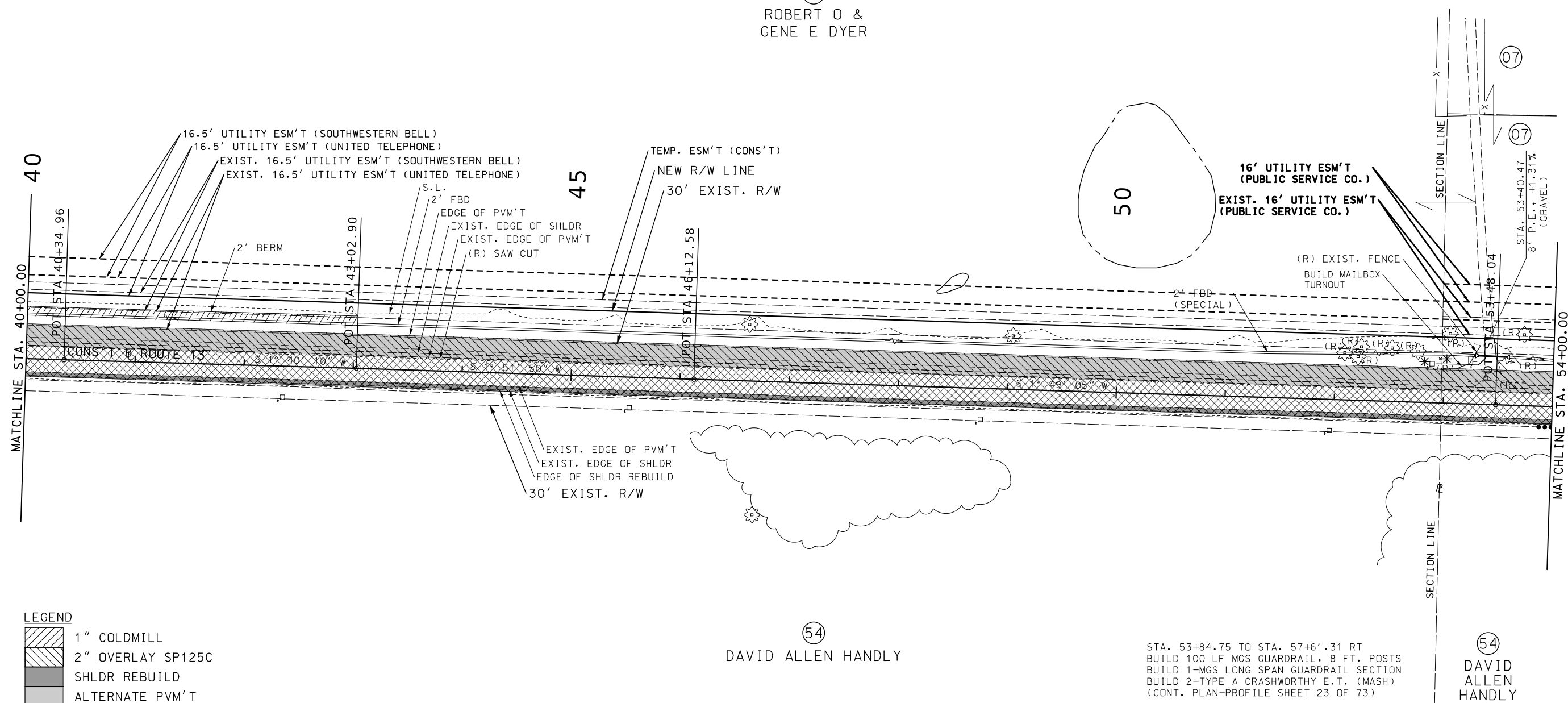


REMOVE EXIST. 18" X 54' RCP
STA. 53+43.99, OFF. 44.2' LT
BUILD 1-18" X 26' GROUP B PIPE
BUILD 2-18" GROUP B FES

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

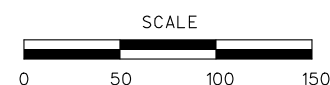
07
ROBERT O &
GENE E DYER



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

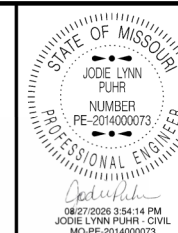
SE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 25
T48N R26W

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

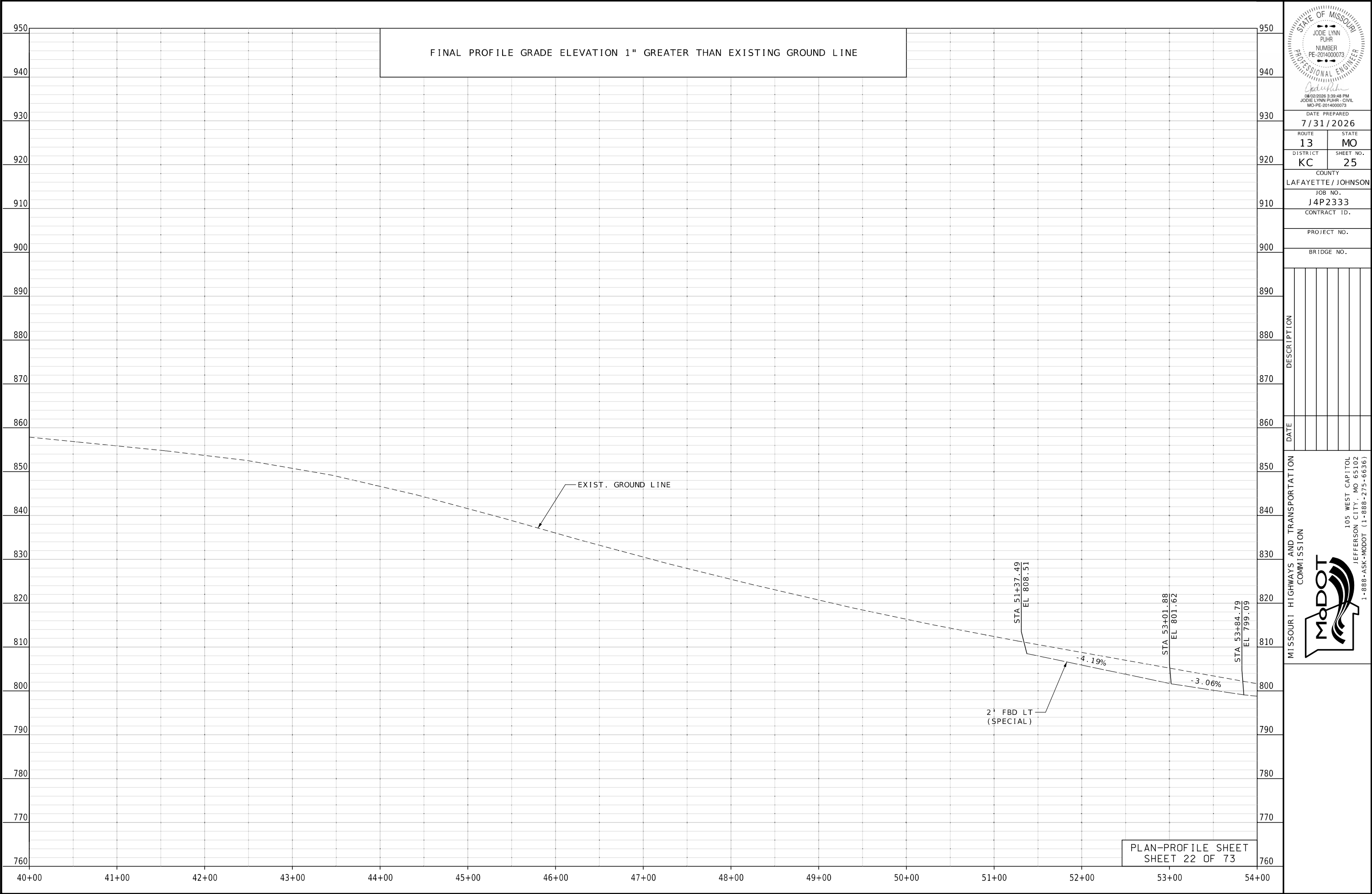
CONTRACT ID

PROJECT NO. _____

BRIDGE NO.

[illegible]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	STATE
13	MO
DISTRICT	SHEET NO.
KC	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)



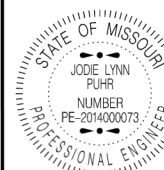
STA. 54+45.08 TO STA. 58+71.70 LT
BUILD 150 LF MGS GUARDRAIL, 8 FT. POSTS
BUILD 1-MGS LONG SPAN GUARDRAIL SECTION
BUILD 2-TYPE A CRASHWORTHY E.T. (MASH)

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.

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

UDC USA, INC

60

65

60

60

54

DAVID ALLEN HANDLY

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

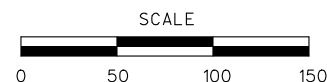
54

SW 1/4 NW 1/4
SEC 36
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 21 OF 73)

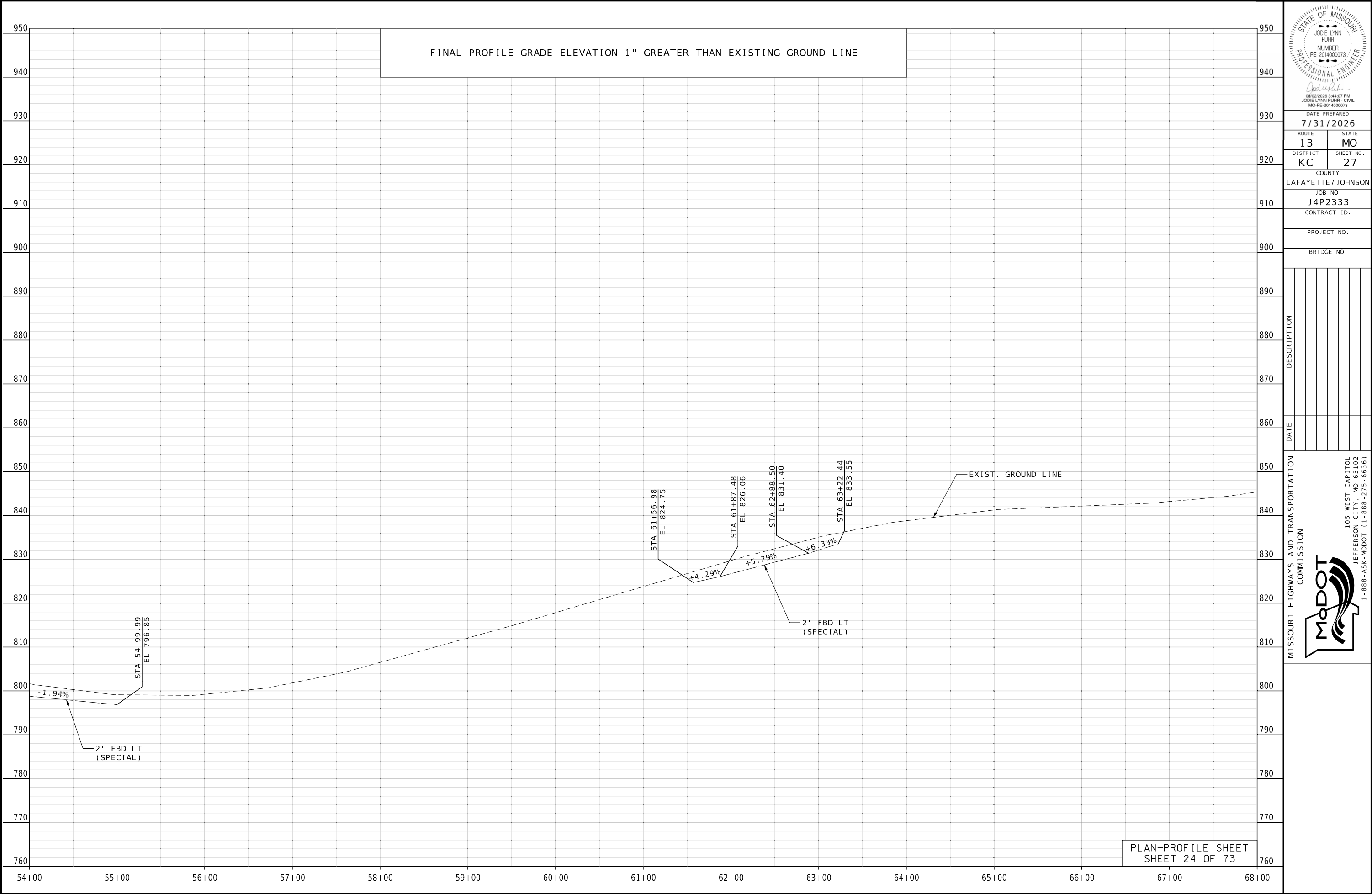
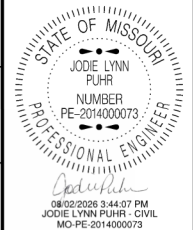
LEGEND
1" COLDMILL
2" OVERLAY SP125C
SHLDR REBUILD
ALTERNATE PVM'T

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.

PLAN-PROFILE SHEET
SHEET 23 OF 73

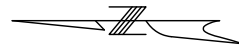


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 27
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

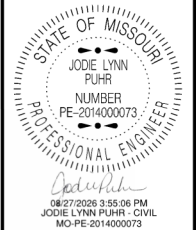


STA. 71+50.00, OFF. 41' LT
BUILD 1-15" X 35' GROUP B PIPE
BUILD 2-15" GROUP B FES

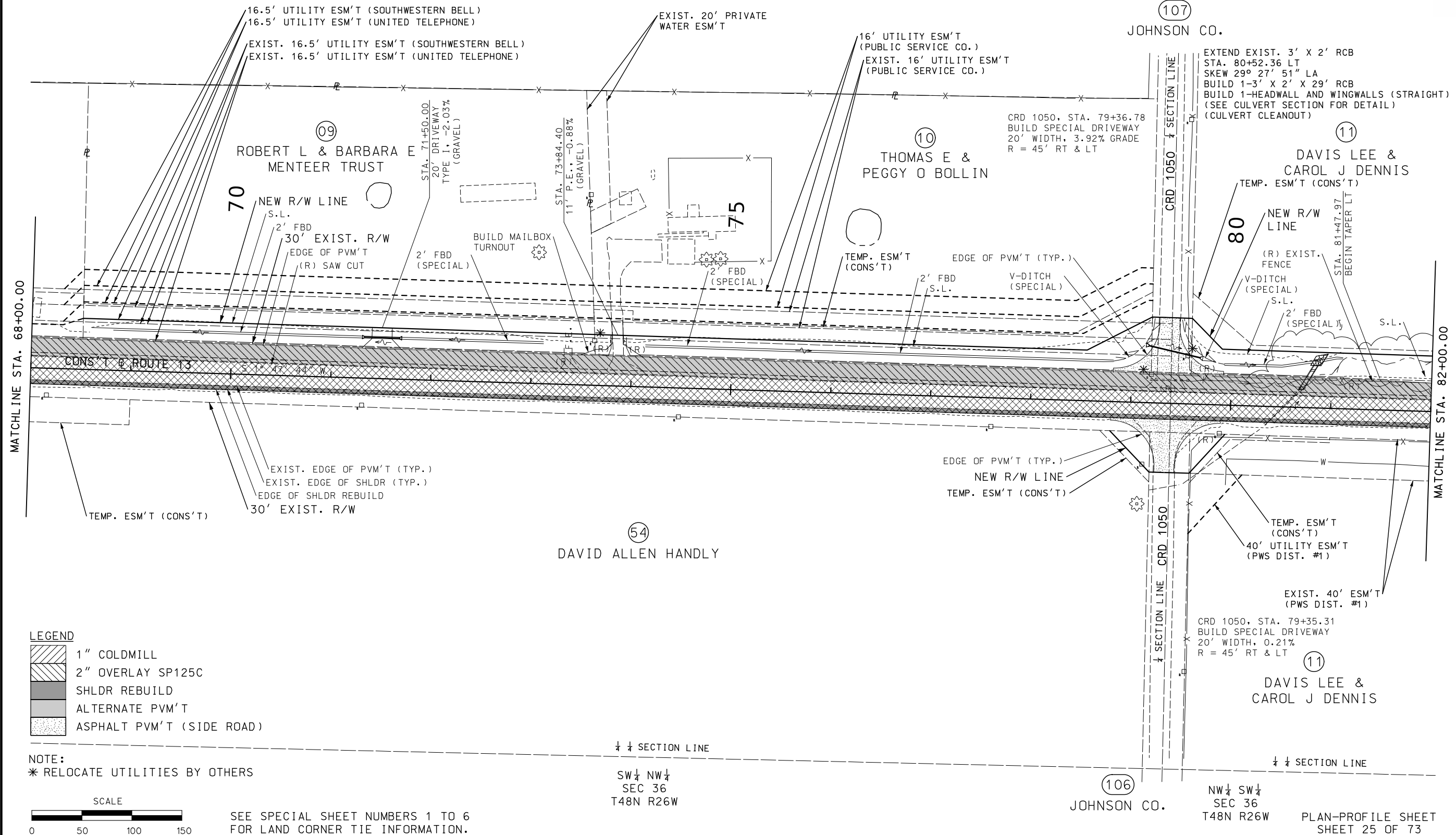
SE 1/4 NW 1/4
SEC 36
T48N R26W

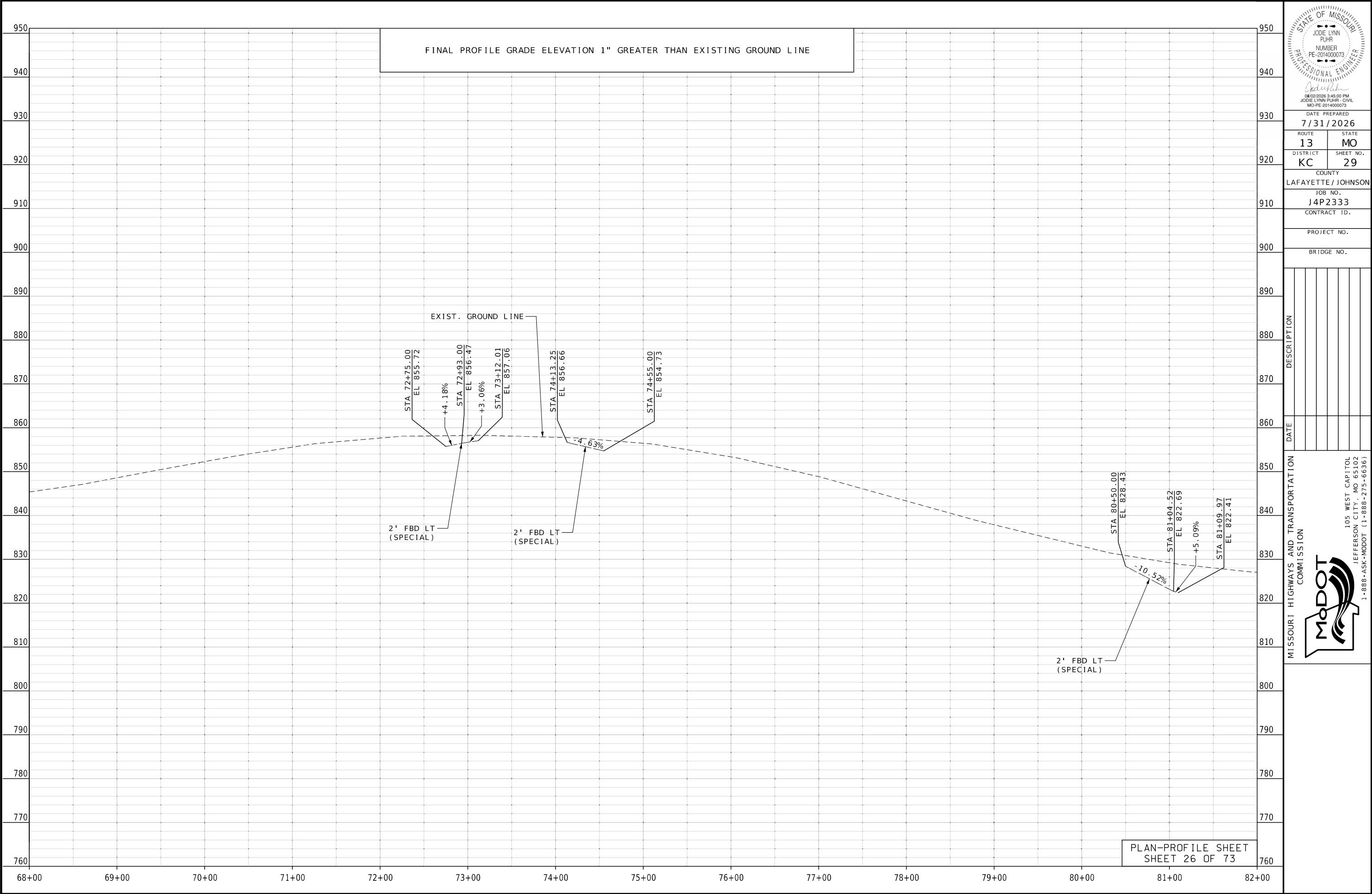
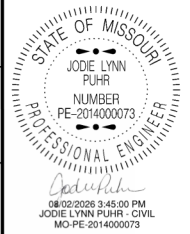
REMOVE EXIST. 18" X 39' CMP
STA. 79+42.39, OFF. 49.9' LT
BUILD 1-18" X 53' GROUP B PIPE
BUILD 2-18" GROUP B FES
(SEE CULVERT SECTION FOR DETAIL)

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



DATE PREPARED 8/27/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 28
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



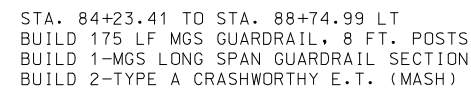


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 29
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

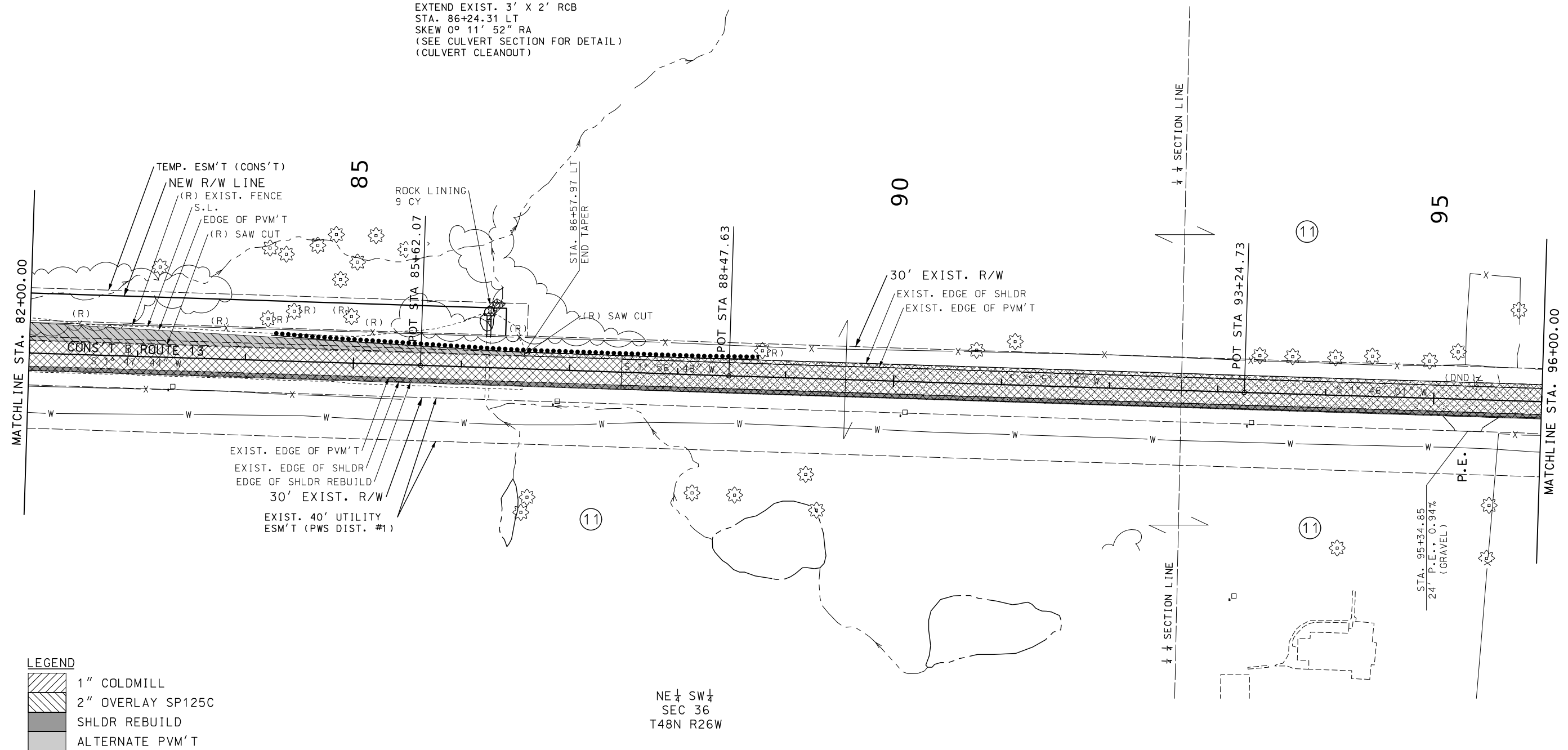
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



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

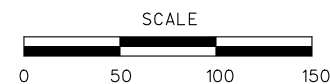
11
DAVIS LEE &
CAROL J DENNIS

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



LEGEND

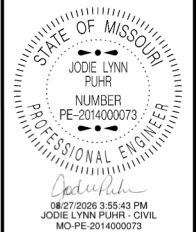
	1" COLDMILL
	2" OVERLAY SP125C
	SHLDR REBUILD
	ALTERNATE PVM'T



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

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

PLAN-PROFILE SHEET
SHEET 27 OF 73



DATE PREPARED
8/27/2026

ROUTE	STATE
13	MO

DISTRICT KC	SHEET NO. 30
----------------	-----------------

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

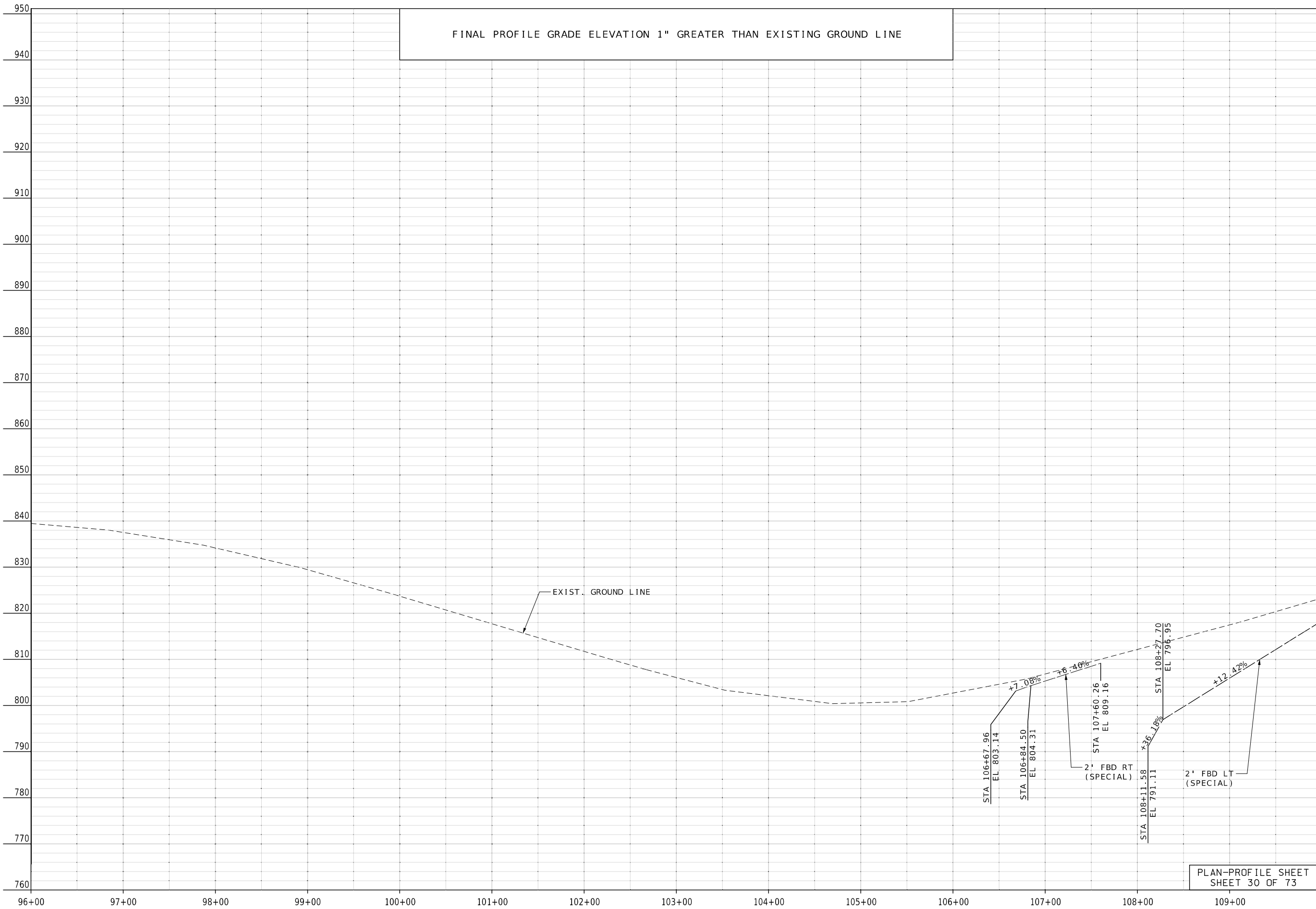
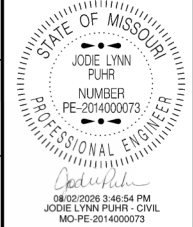
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



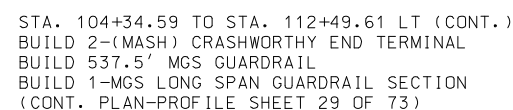


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 33
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



REMOVE EXIST. 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)

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

12
RICKEY G &
LYNDA C DYER

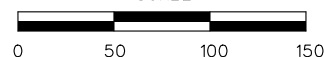
[illegible]

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

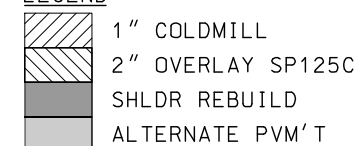
MISSOURI PUBLIC SERVICE CO. EASEMENT
APPROX. 2' WEST OF FENCE IN 1929
BOOK 243, PAGE 136
SCALE



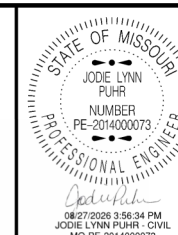
SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

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

LEGEND



PLAN-PROFILE SHEET
SHEET 31 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.

J4P2333

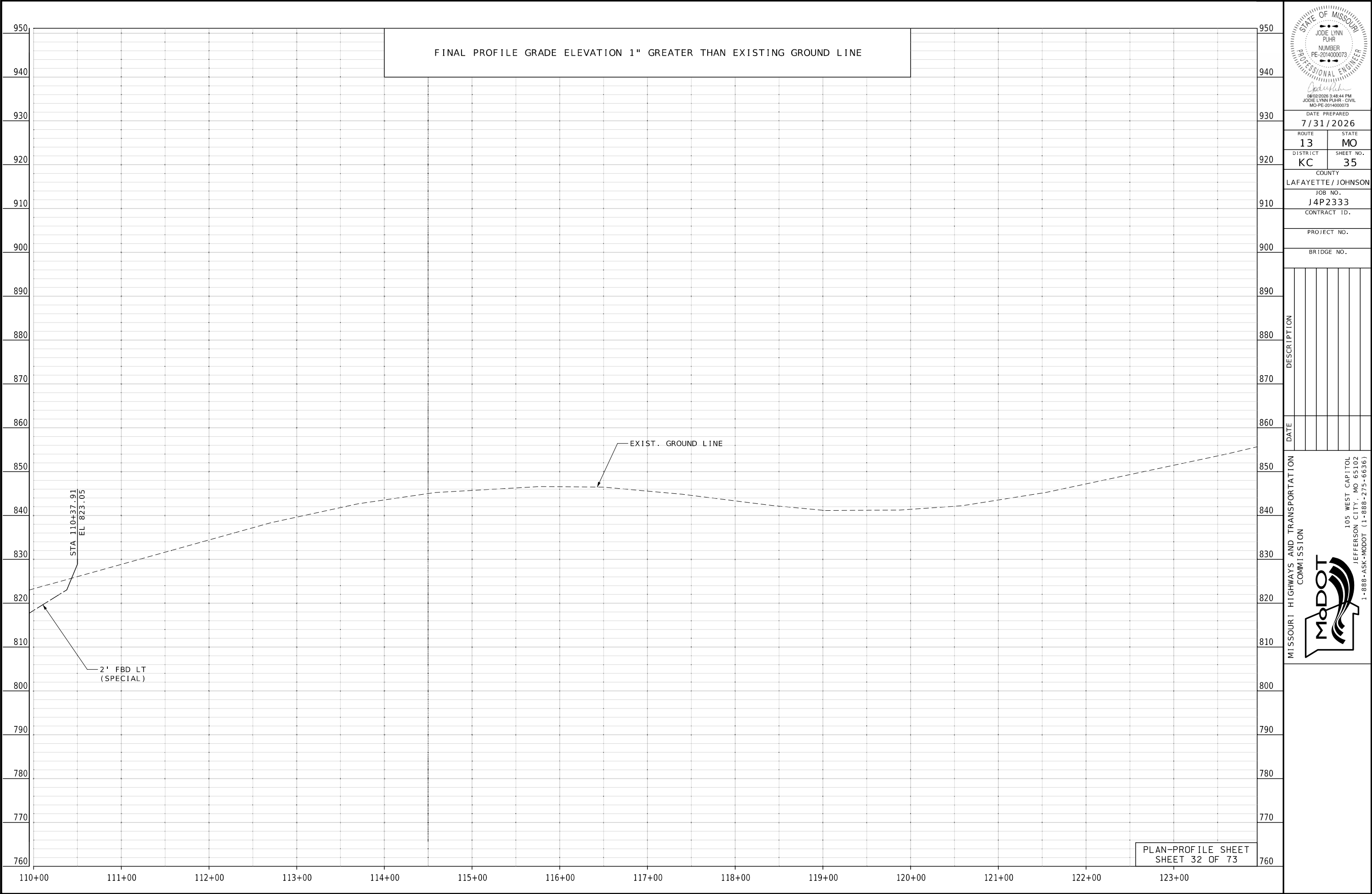
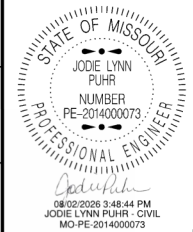
CONTRACT ID:

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)



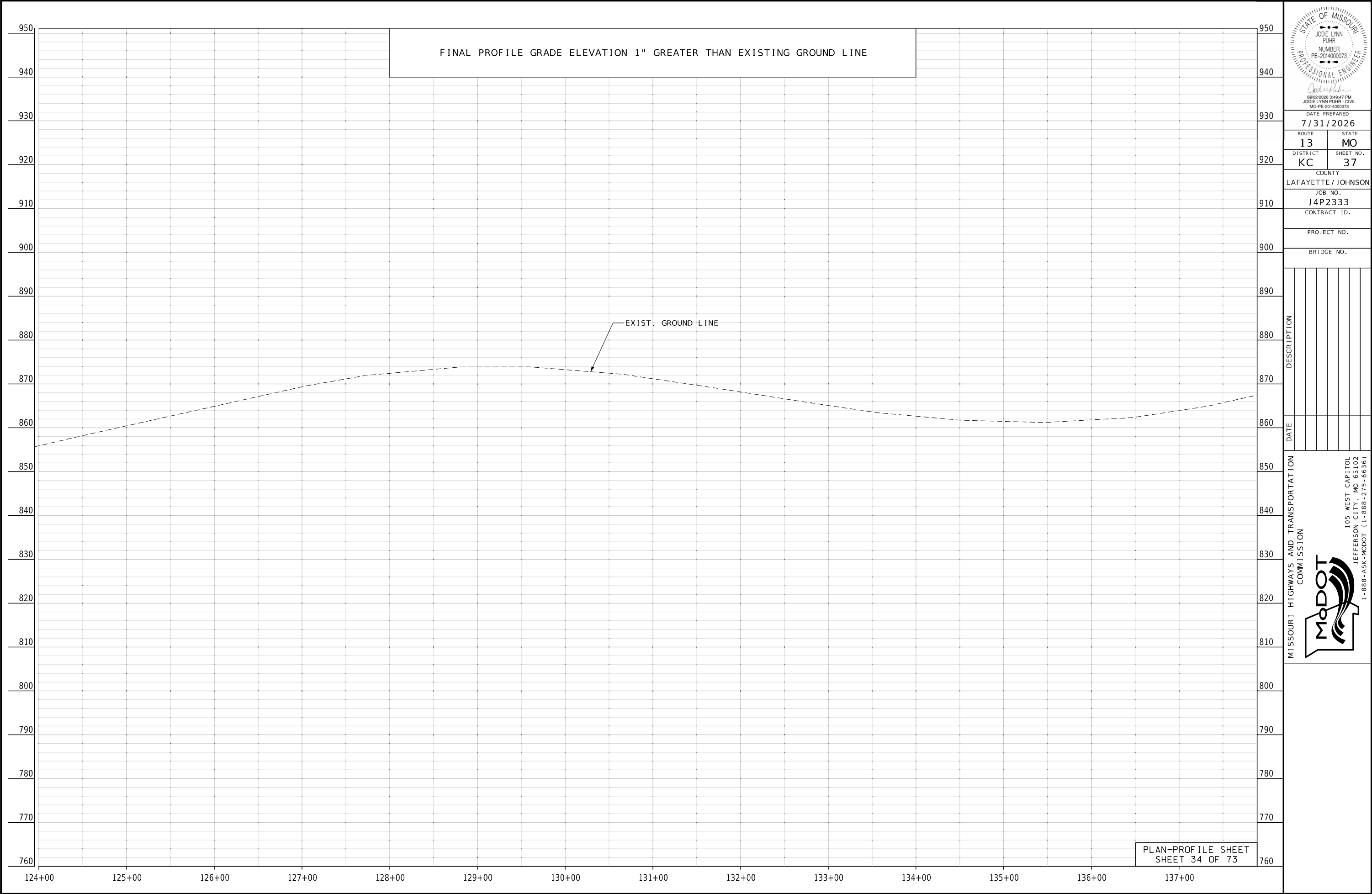
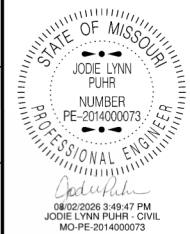
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 35
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



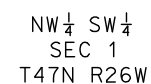
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 37
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



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

140

MATCHLINE STA. 137+89.03

BARRY N &
DORIS J WEAVER
NO ACQUISITION

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

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

REMOVE EXIST. 15" X 43' RCP
STA. 148+66.01
SKEW 0° 0' 22" LA
BUILD 1-15"X55' GROUP A PIPE
BUILD 2-15" GROUP A FES
SEE CULVERT SECTION FOR DETAILS
(CULVERT CLEANOUT)

13
 GEORGE E &
 LETHA SUE BOLAND

$$\frac{X}{x}$$

145

/NEW R/W LINE

/ S.L.

2' FBD
EDGE OF PVM' T

```

//EXIST. EDGE OF SHLDR
//EXIST. EDGE OF PVM'T

```

TEMP. ESM'T (CONS'T) \

150

S.L.
P.E.
(GRAVEL)
2' FBD

MATCHLINE STA. 151+89.03

$$\frac{\text{STA. 144+25.13}}{29' \text{ C.E., } 3.50\%}$$

(GRAVEL)

93
RHONDA G BERG

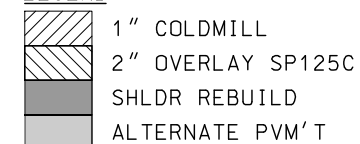
SE $\frac{1}{4}$ SE $\frac{1}{4}$
SEC 2
T47N R26W

NOTE:
* RELOCATE UTILITIES BY OTHERS

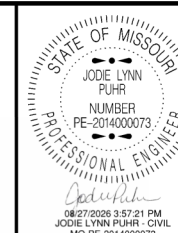


SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

LEGEND



PLAN-PROFILE SHEET
SHEET 35 OF 73



DATE PREPARED

8/27/202

ROUTE	ST
12	A

13	M
DISTRICT	SHEET

KC	Э
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COUNTY
LAFAYETTE / JOHNSON

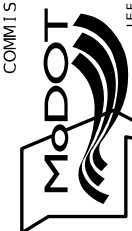
JOB NO.

J4P2333

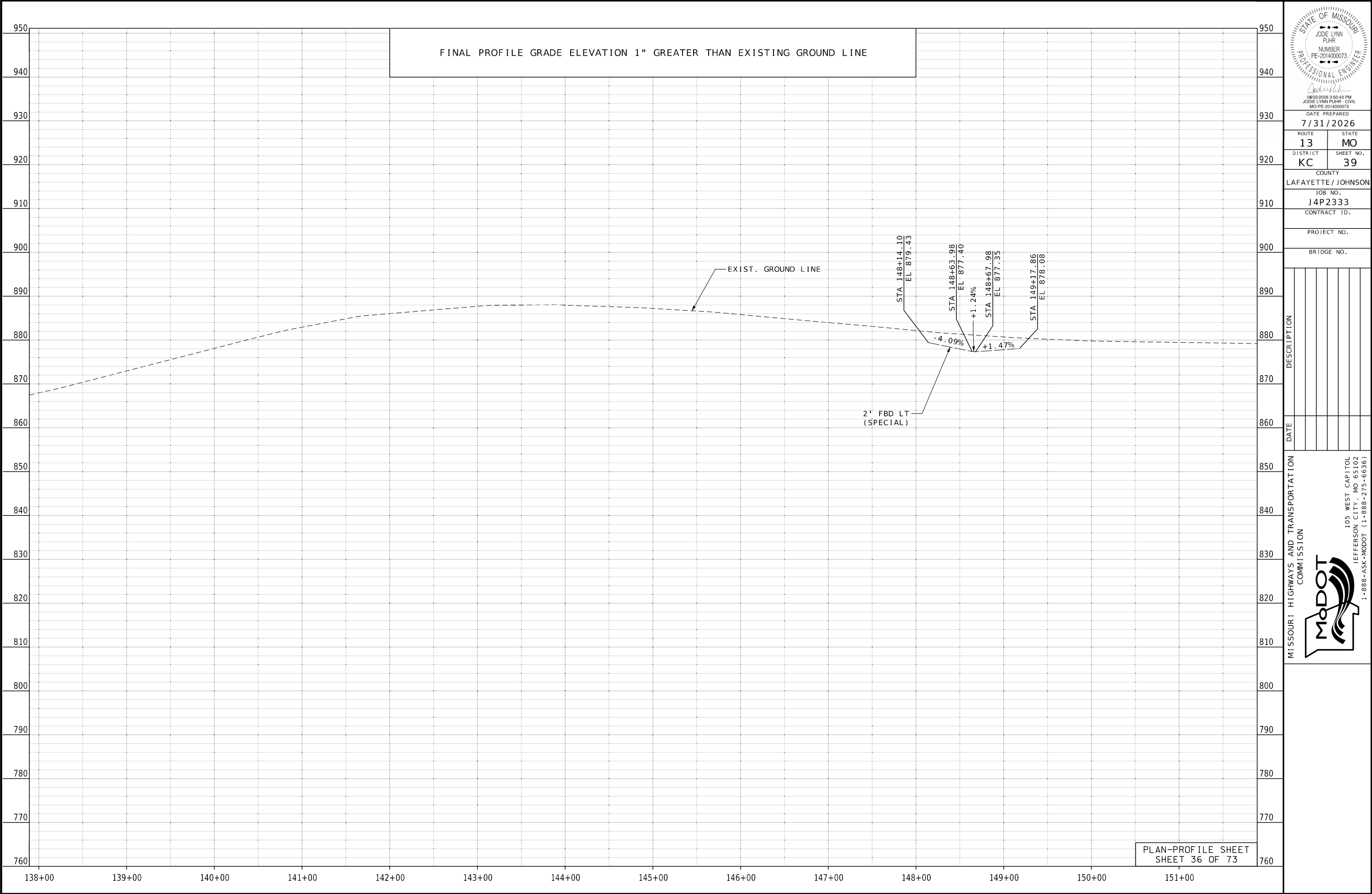
CONTRACT ID

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)



STATE OF MISSOURI

JODIE LYNN FUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER



08/02/2026 3:50:43 PM

JODIE LYNN FUHR - CIVIL

MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
39

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

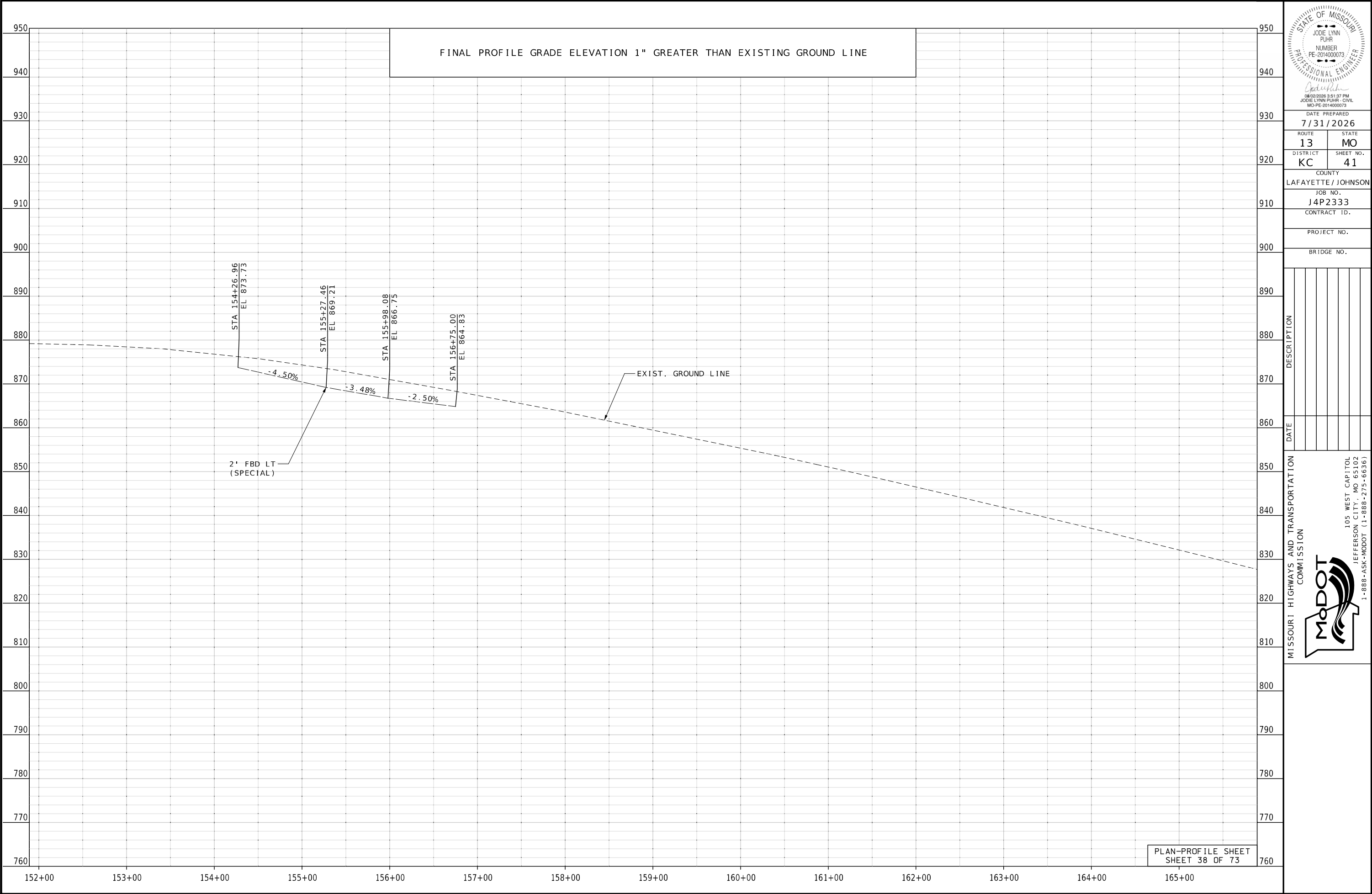
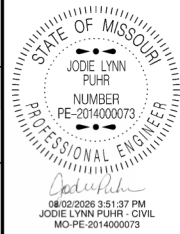
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



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.

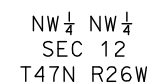
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



EXTEND EXIST. 5'X3' RCB
STA. 170+64.10 LT
SKEW 2° 25' 35" RA
SEE CULVERT SECTION FOR DETAILS
(CULVERT CLEANOUT)

14
RHONDA G BERG

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

STA. 176+97.00 TO STA. 177+97.82 LT
BUILD 25 LF MGS GUARDRAIL, 8 FT. POSTS
BUILD 1-MGS HEIGHT AND BLOCK TRANS. SECTION
BUILD 1-TYPE A CRASHWORTHY E.T. (MASH)

13
GEORGE E
& LETHA SUE
BOLAND

[illegible]

93
RHONDA
G BERG

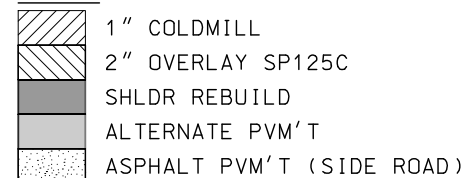
NE $\frac{1}{4}$ NE $\frac{1}{4}$
SEC 11
T47N R26W

JOHNSON COUNTY



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

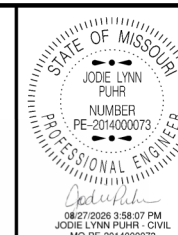
LEGEND



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

STA. 176+32.47 TO STA. 180+84.03 RT
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 41 OF 73)

PLAN-PROFILE SHEET
SHEET 39 OF 73



DATE 08/08/05

8/27/202

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

13	M
DISTRICT	SHEP

DISTRICT	SHEET
KC	4

COUNTY

JOB NO.

J4P2333

CONTRACT ID:

PROJECT NO. _____

BRIDGE NO.

DESCRIPTION

DATE _____

TION

SPORT

TRA

AYS A

HIGH

SOURCE

[illegible]

1

1

1

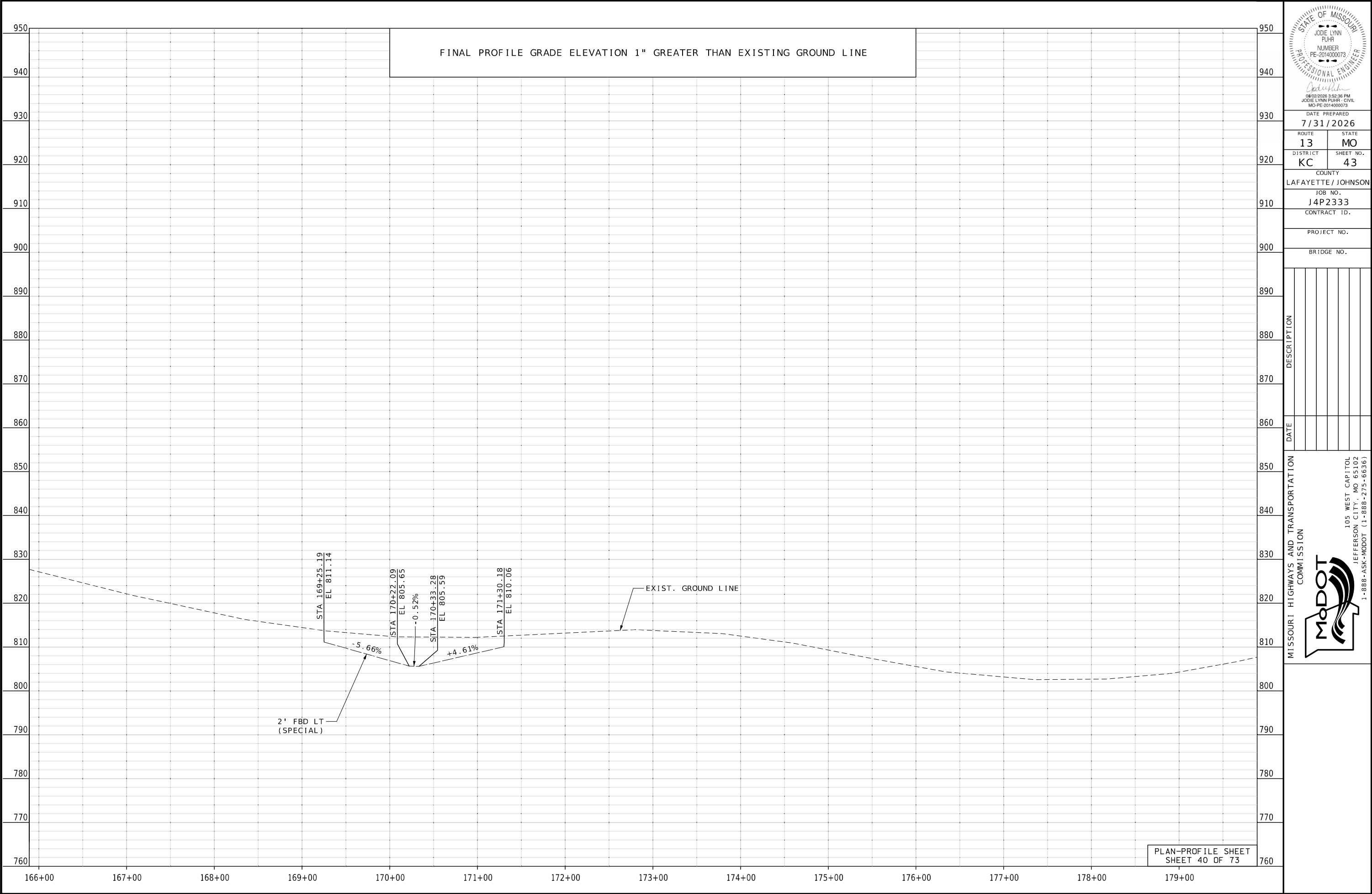
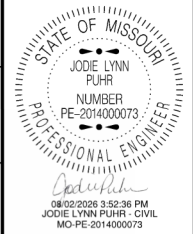
1

1

1

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



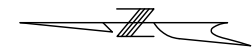
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 43
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

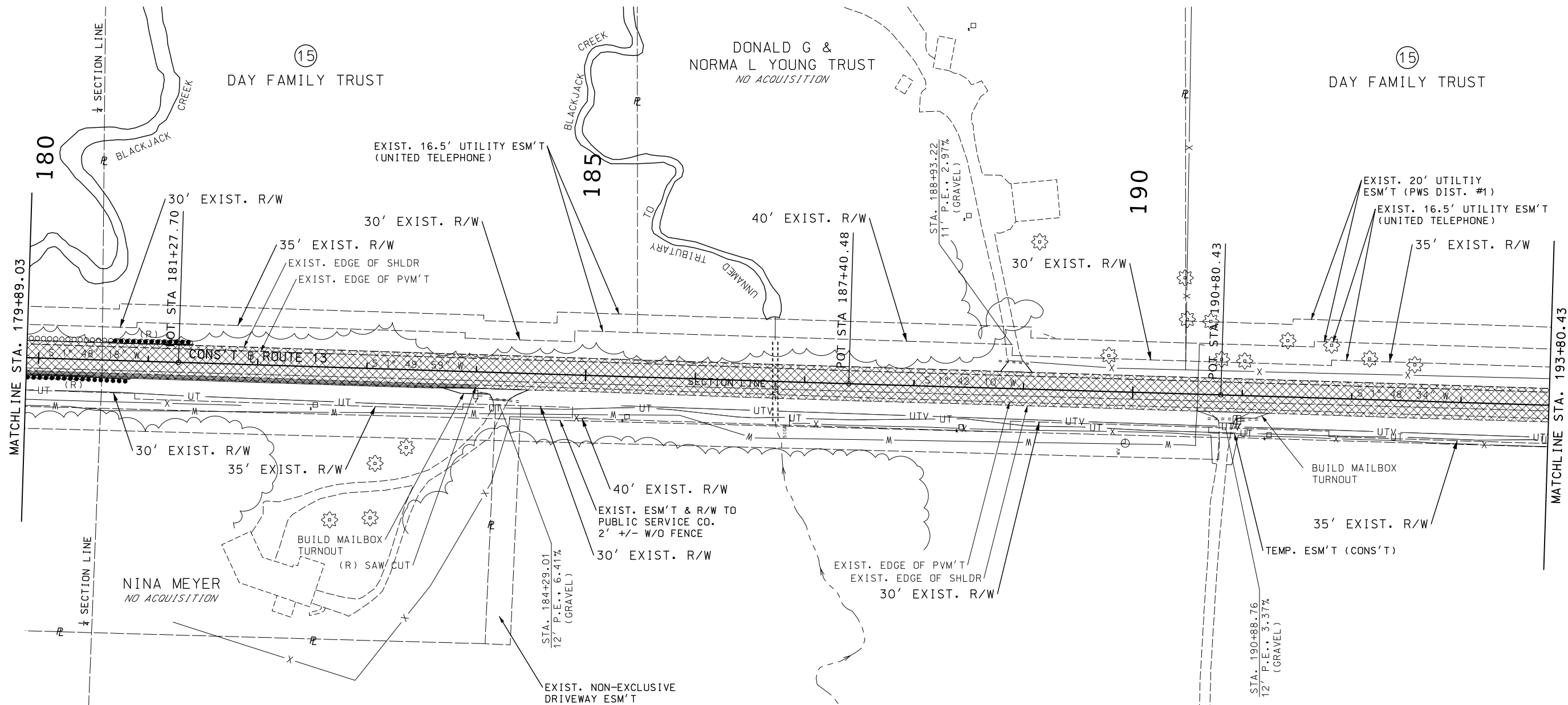


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

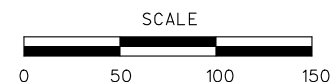


STA. 180+64.93 TO STA. 181+40.69 LT
BUILD 1-MGS HEIGHT AND BLOCK TRANS. SECTION
BUILD 1-TYPE A CRASHWORTHY E.T. (MASH)

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)

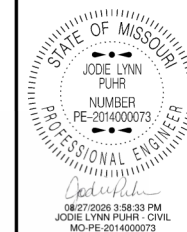


56
CANDACE K &
STEPHEN L ROBERTSON

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

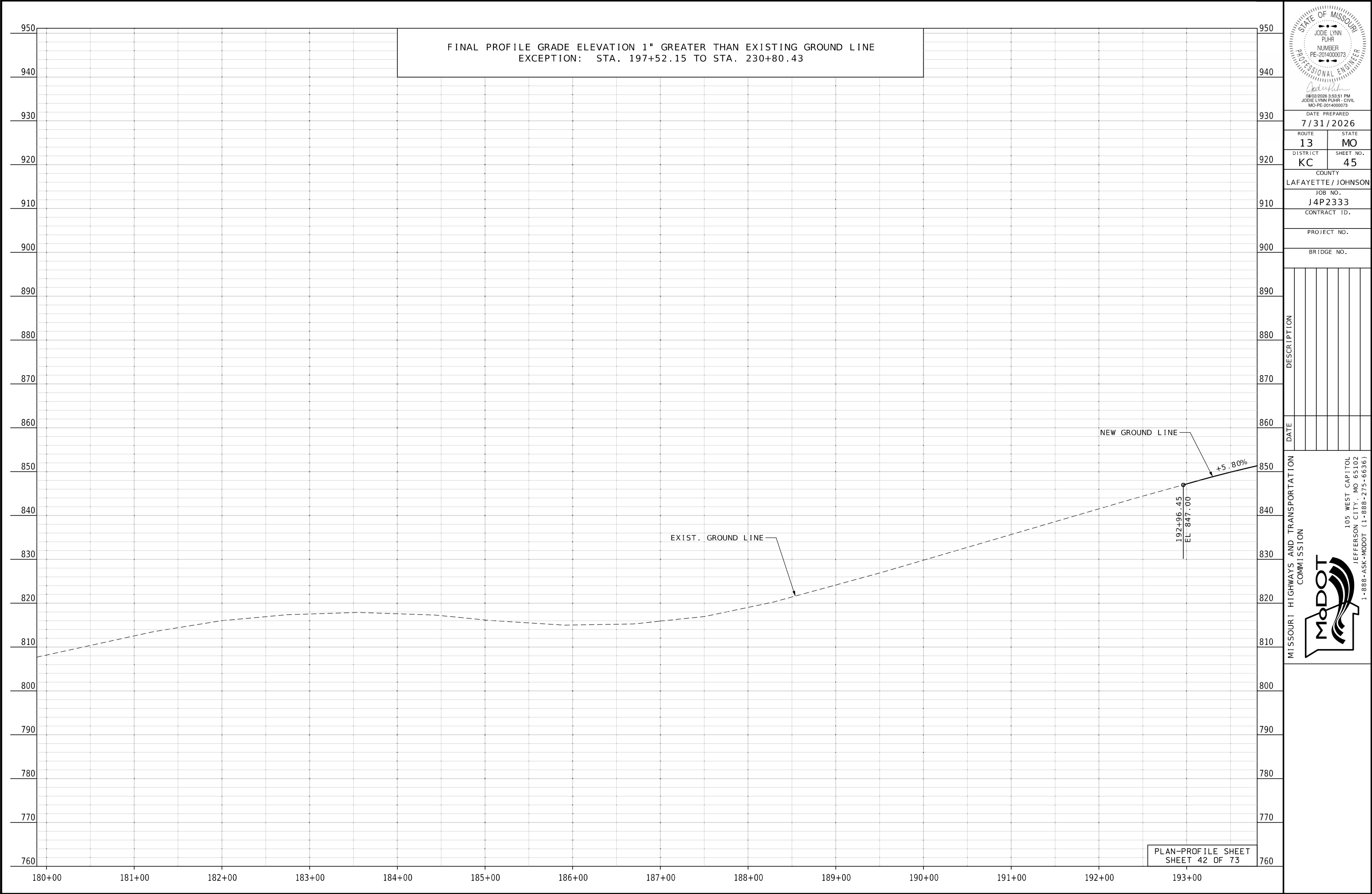
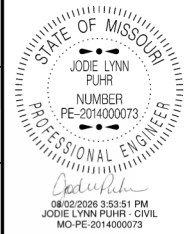
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	44

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

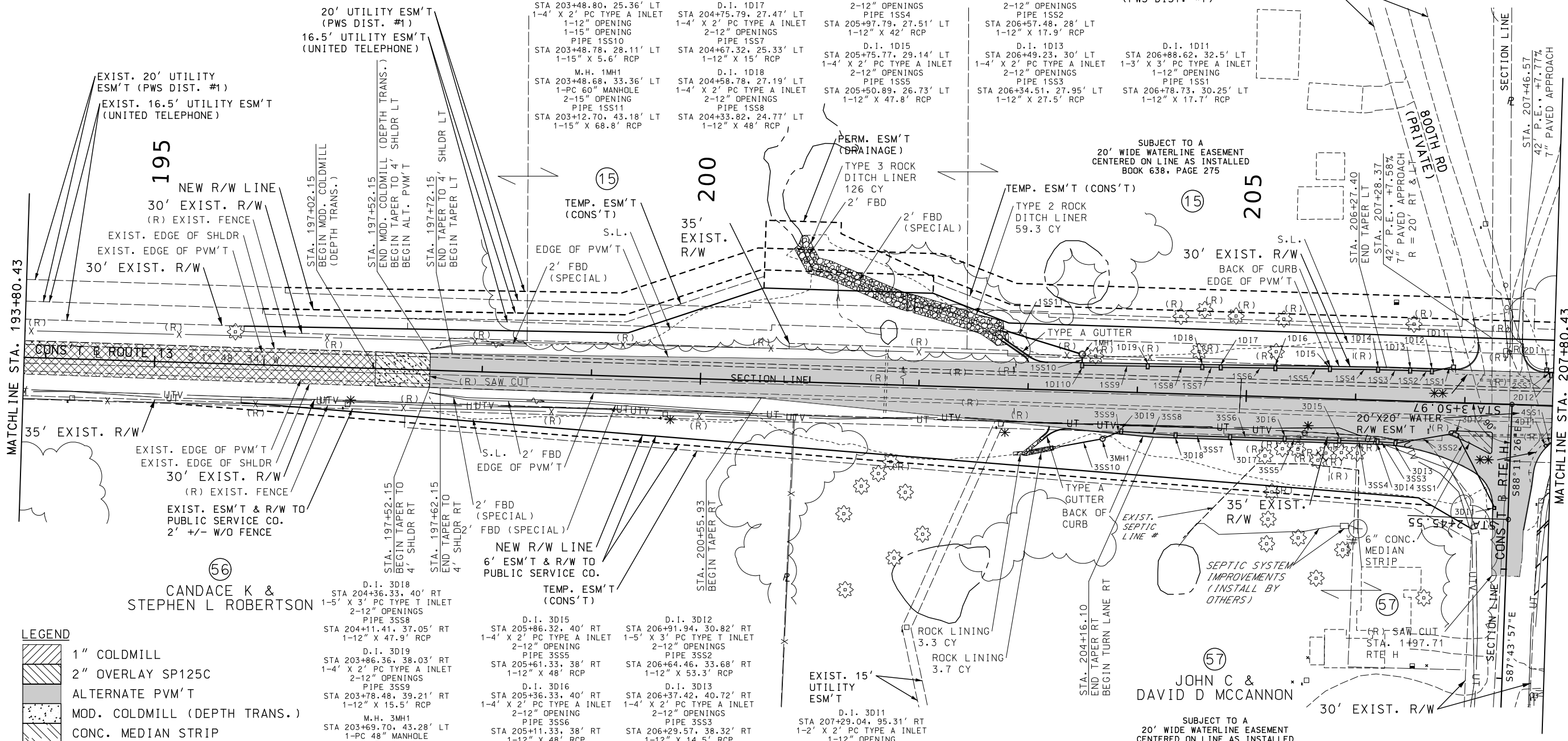
REMOVE EXIST. 3' X 2' RCB
STA. 201+69.73
SKEW 4° 52' 53" LA

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

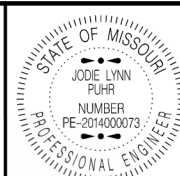
STA. 203+14.13 TO STA. 203+18.64 RT
BUILD 6 LF CONC. GUTTER TYPE A
STA. 203+18.64 TO STA. 203+40.40 RT
BUILD 24 LF CURB & GUTTER TYPE A
STA. 203+40.40 TO STA. 207+28.77 RT
BUILD 431.3 LF CONC. CURB LOW PROFILE TYPE E
STA. 206+86.43 TO STA. 207+26.34 RT
BUILD 50.8 SY 6" CONC. MEDIAN STRIP

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
STATE MO
SHEET NO. 46

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

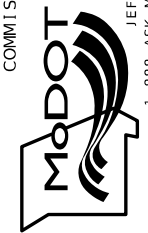
PROJECT NO.

BRIDGE NO.

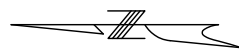
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



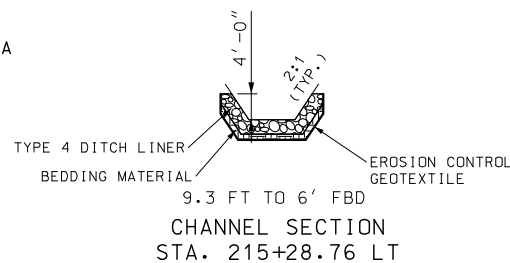
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



STA. 207+72.08 TO STA. 209+70.96 LT
BUILD 198.9 LF CONC. CURB LOW PROFILE TYPE E
(CONT. PLAN-PROFILE SHEET 43 OF 73)

(A) MAILBOX TURNOUT NW 1/4 NW 1/4
SEC 13
T47N R26W

REMOVE EXIST. 8' X 4' X 53' RCB
BUILD 8' X 6' X 175'-9" RCB
STA. 215+28.76, SKEW 4° 34' 53" RA
D.A. = 83.2 ACRES. Q50 = 500 CFS
BUILD STRAIGHT WING WALLS
EMBEDDED 1'
SEE CULVERT SECTION FOR DETAILS



(21) JOE A EPPS &
MELISSA R MCCONNELL

Q CONNECTOR ROAD #

TEMP. ESM'T
(CONS'T)

150' RIGHT OF WAY

(19) EXIST. 40' INGRESS/EGRESS
& UTILITY ESM'T

REMOVE EXIST. 18" X 44' RCP
STA. 220+54.15, OFF. 28.8' LT
BUILD 1-18" X 54' GROUP B PIPE
BUILD 2-18" GROUP B FES
BUILD MAILBOX TURNOUT

220

TEMP. ESM'T (CONS'T)
30' EXIST. R/W

S.L.
2' FBD
(SPECIAL)

(R) EXIST. FENCE

MATCHLINE STA. 221+30.43

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

(18) PATRICK JAMES &
TERESA MICHELLE BRITTON

210

JANET S BRITTON

16.5' UTILITY ESM'T
(UNITED TELEPHONE)
TEMP. ESM'T (CONS'T)
NEW R/W LINE

EXIST. 16.5' UTILITY
ESM'T (PWS DIST. #1)

STA. 213+80.78
BEGIN TAPER LT

215

PERM. ESM'T (DRAINAGE)
TYPE 4 ROCK DITCH LINER 129 CY
BEDDING MATERIAL 52 CY
ROCK LINING, 142.3 CY
W/ SUBSURFACE DRAINAGE
GEOTEXTILE, SEE CULVERT
SECTION FOR DETAILS

35' EXIST. R/W

BACK OF CURB
EDGE OF PVM'T
2D14
30' EXIST. R/W
EXIST. EDGE OF SHLDR
EXIST. EDGE
OF PVM'T
2D13
2SS5
2SS6
2D15
2D16
2D17
2SS7
4D12
4SS3
4SS4
4D13
4SS5
4D14
4SS6
4SS1
4SS2
4SS7
4SS8
4SS9
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4SS98
4SS99
4SS100

CONS'T @ ROUTE 13

S 1° 48' 34" W

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SUBJECT TO A
AN EASEMENT TO MISSOURI
PUBLIC SERVICE CO.
INSIDE FENCE
(NO WIDTH PROVIDED)
BOOK 243, PAGE 108
AND
16.5' WIDE EASEMENT TO UNITED
TELEPHONE CO.
CENTERED ON LINE AS INSTALLED
BOOK 130, PAGE 42

(58) KENNETH E &
BETTY JEAN GRAVES

EXIST. EDGE OF PVM'T
EXIST. EDGE OF SHLDR
EDGE OF PVM'T
30' EXIST. R/W
NEW R/W LINE

TYPE 4 ROCK DITCH LINER 172 CY
BEDDING MATERIAL 69 CY

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 208+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

STA. 207+57.76 TO STA. 209+74.88 RT
BUILD 282.7 LF CONC. CURB LOW PROFILE TYPE E
(CONT. PLAN-PROFILE SHEET 43 OF 73)

NE 1/4
SEC 14
T47N R26W

SUBJECT TO A
AN EASEMENT TO MISSOURI
PUBLIC SERVICE CO.
INSIDE FENCE
(NO WIDTH PROVIDED)
BOOK 243, PAGE 108
AND
EASEMENT TO UNITED
TELEPHONE CO.
ALONG W. SIDE OF RTE 13
BOOK 130, PAGE 42

(59)

PERM. ESM'T
(DRAINAGE)

TEMP.
ESM'T
(CONS'T)

(59) EXIST. 20' UTILITY
ESM'T

(59) DANIEL E &
KIM SUE ALLNUT

TEMP. ESM'T
(CONS'T)

EXIST. 2' UTILITY ESM'T
(PUBLIC SERVICE CO.)

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

EXIST. 16.5' UTILITY ESM'T
(UNITED TELEPHONE)

SUBJECT TO A
AN EASEMENT TO MISSOURI
PUBLIC SERVICE CO.
INSIDE FENCE
(NO WIDTH PROVIDED)
BOOK 243, PAGE 108
AND
EASEMENT TO UNITED
TELEPHONE CO.
ALONG W. SIDE OF RTE 13
BOOK 130, PAGE 42

LEGEND

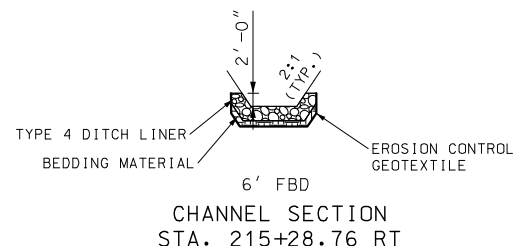
ALTERNATE PVM'T

NOTES:

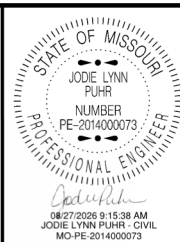
- * RELOCATE UTILITIES BY OTHERS
- # THE ROADWAY CONNECTING THE PARCEL 21 TEMPORARY
ROAD AND THE ENTRANCE TO PARCEL 19 WILL BE REMOVED
AS DIRECTED BY THE ENGINEER.



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



PLAN-PROFILE SHEET
SHEET 45 OF 73



DATE PREPARED
8/26/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 48

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

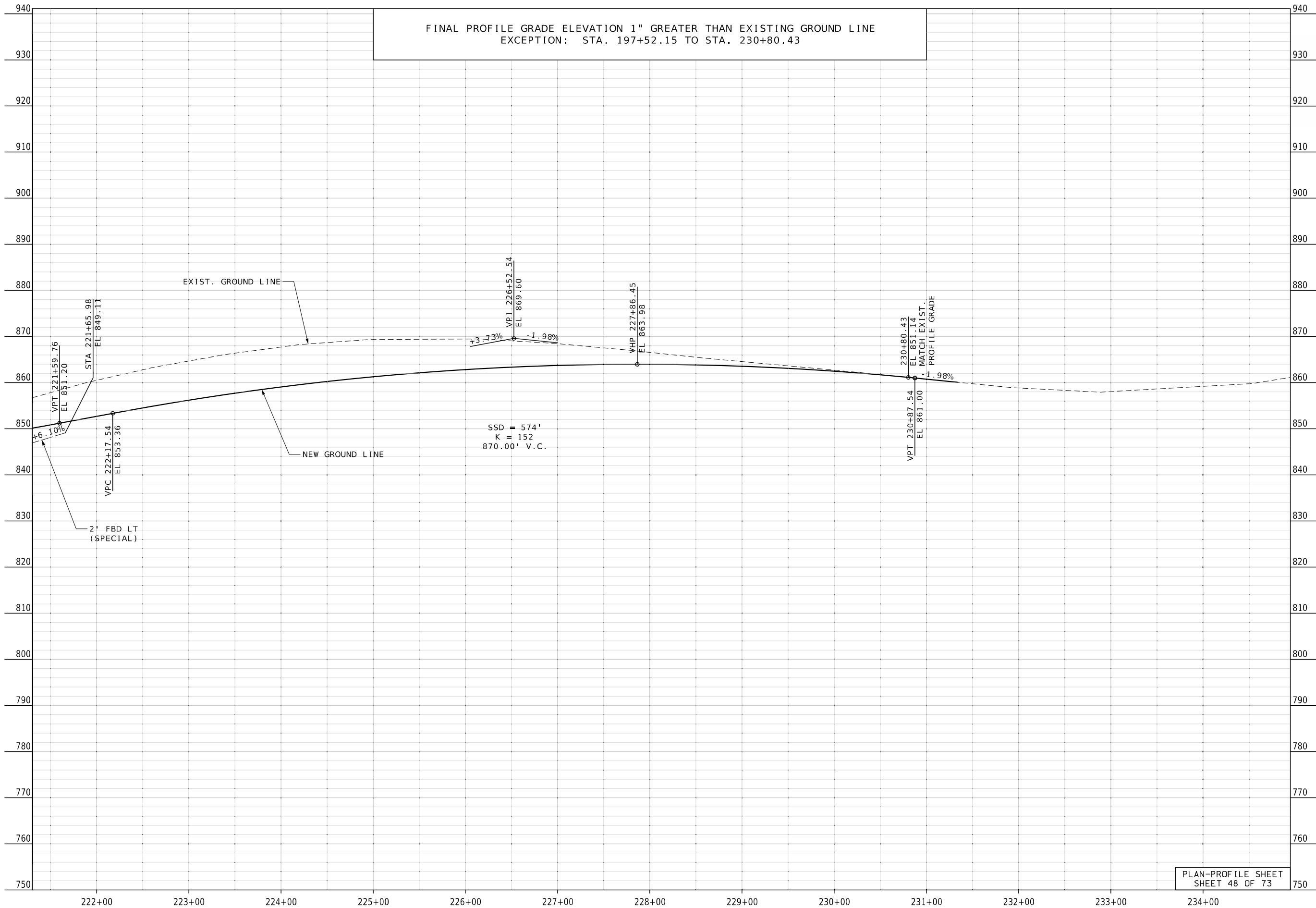
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DATE

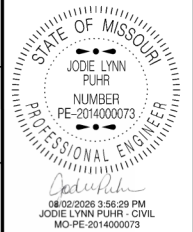
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

ModOT



PLAN-PROFILE SHEET
SHEET 48 OF 73



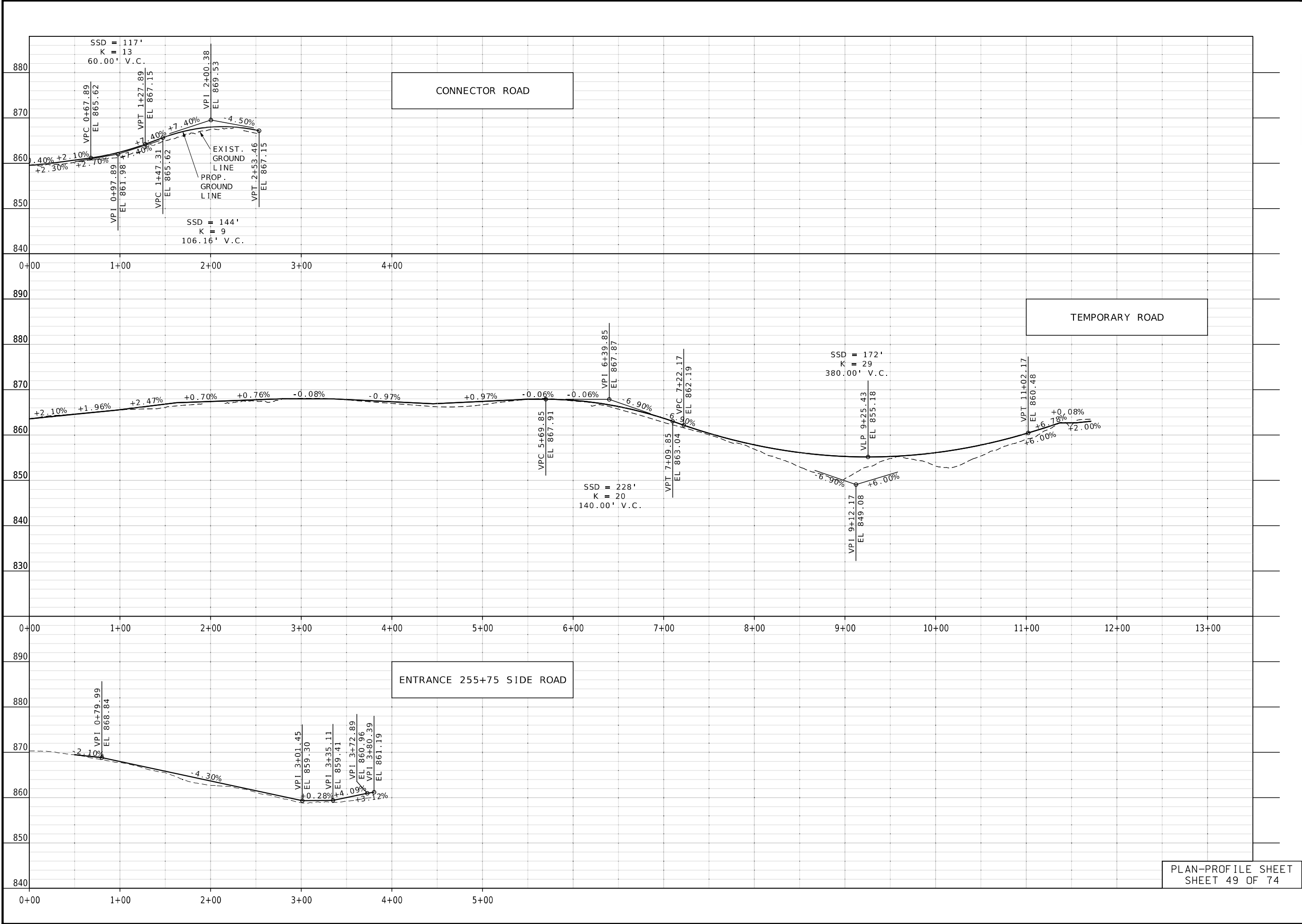
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 51
COUNTY LAFAYETTE / JOHNSON	
JOB NO. JK42333	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

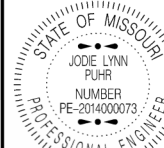
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



PLAN-PROFILE SHEET
SHEET 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

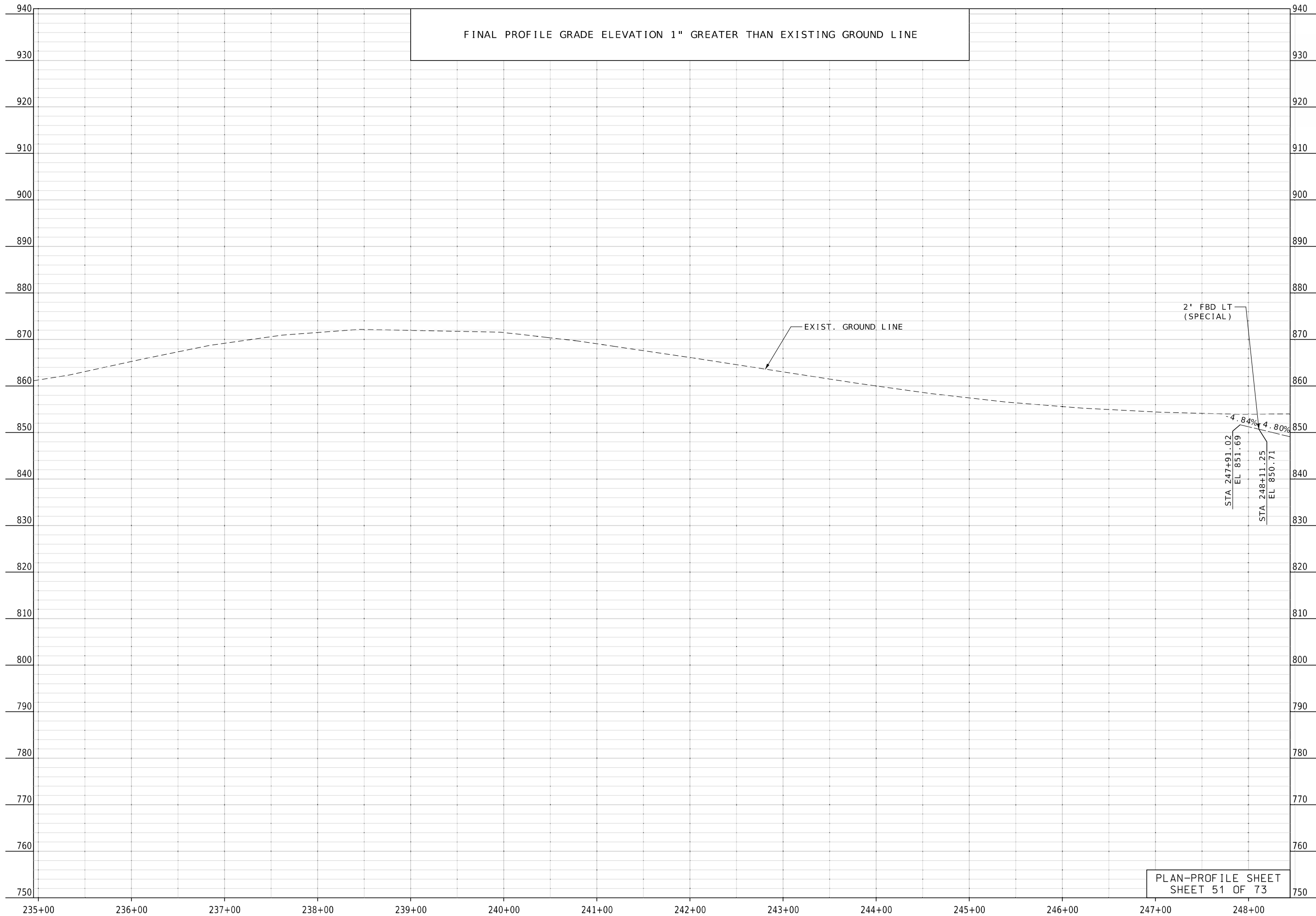
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MODOT



STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 3:57:33 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

54

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

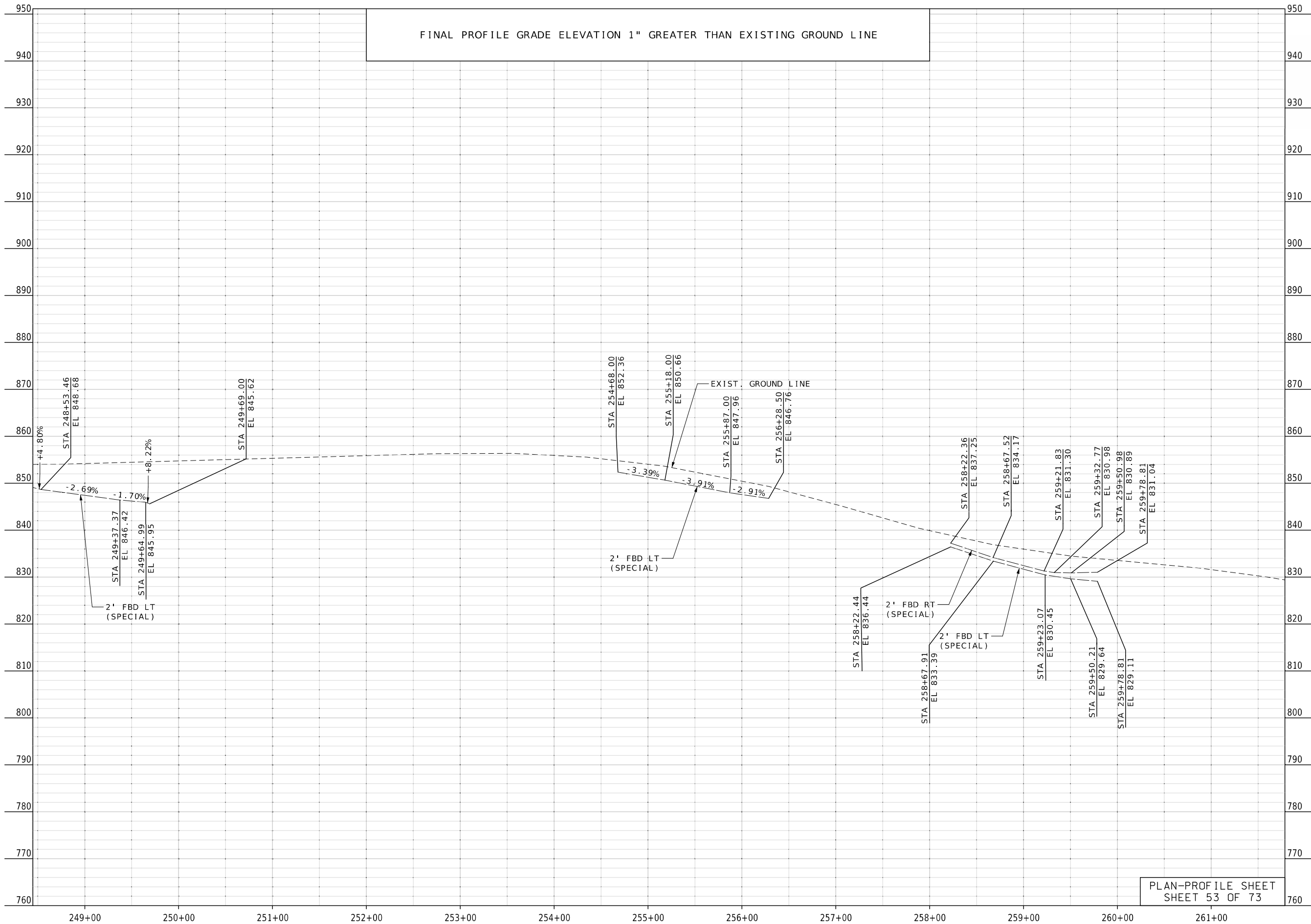
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



STATE OF MISSOURI

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.

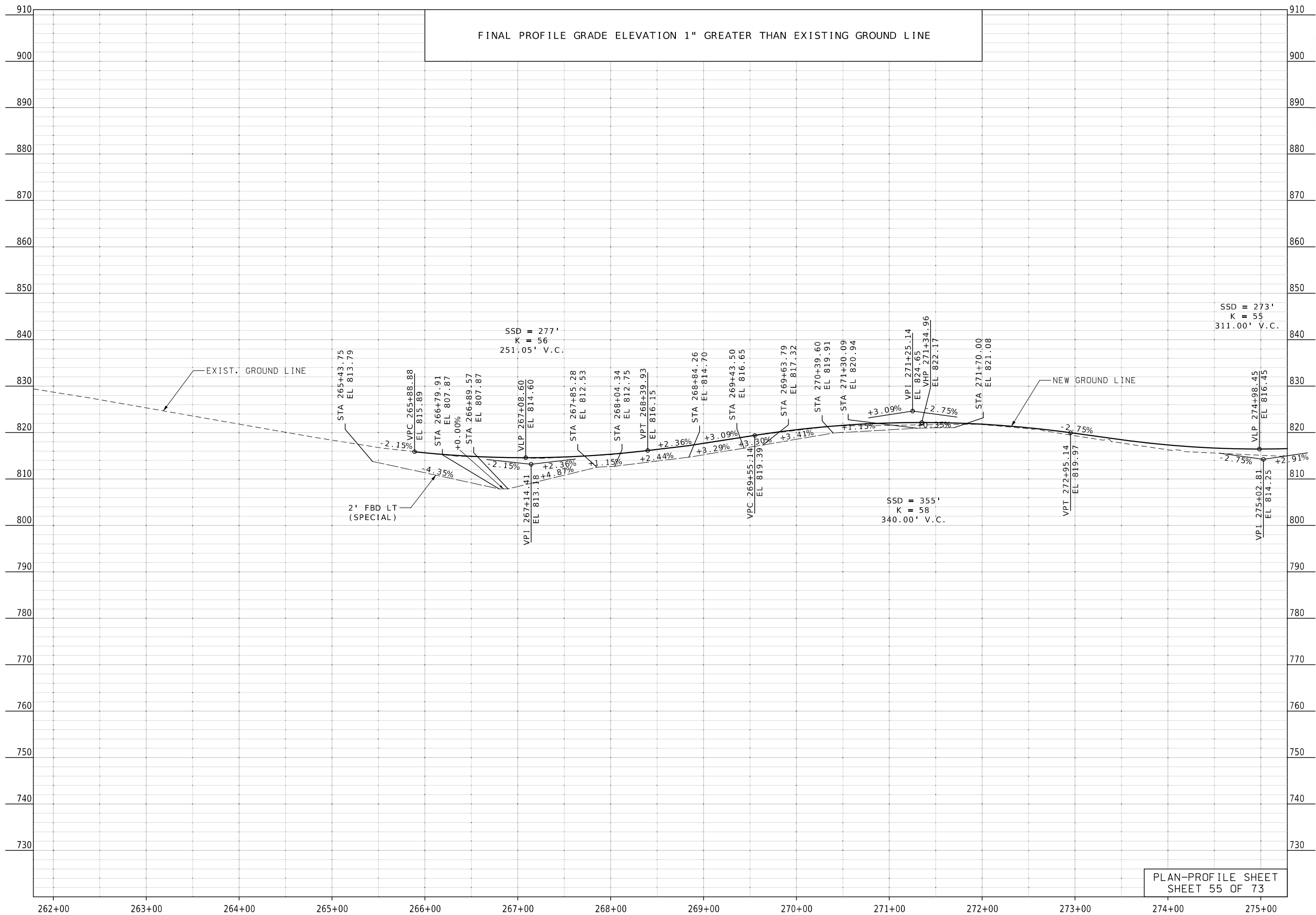
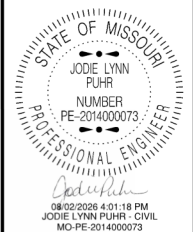
DATE

DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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



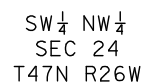
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 58
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	

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)

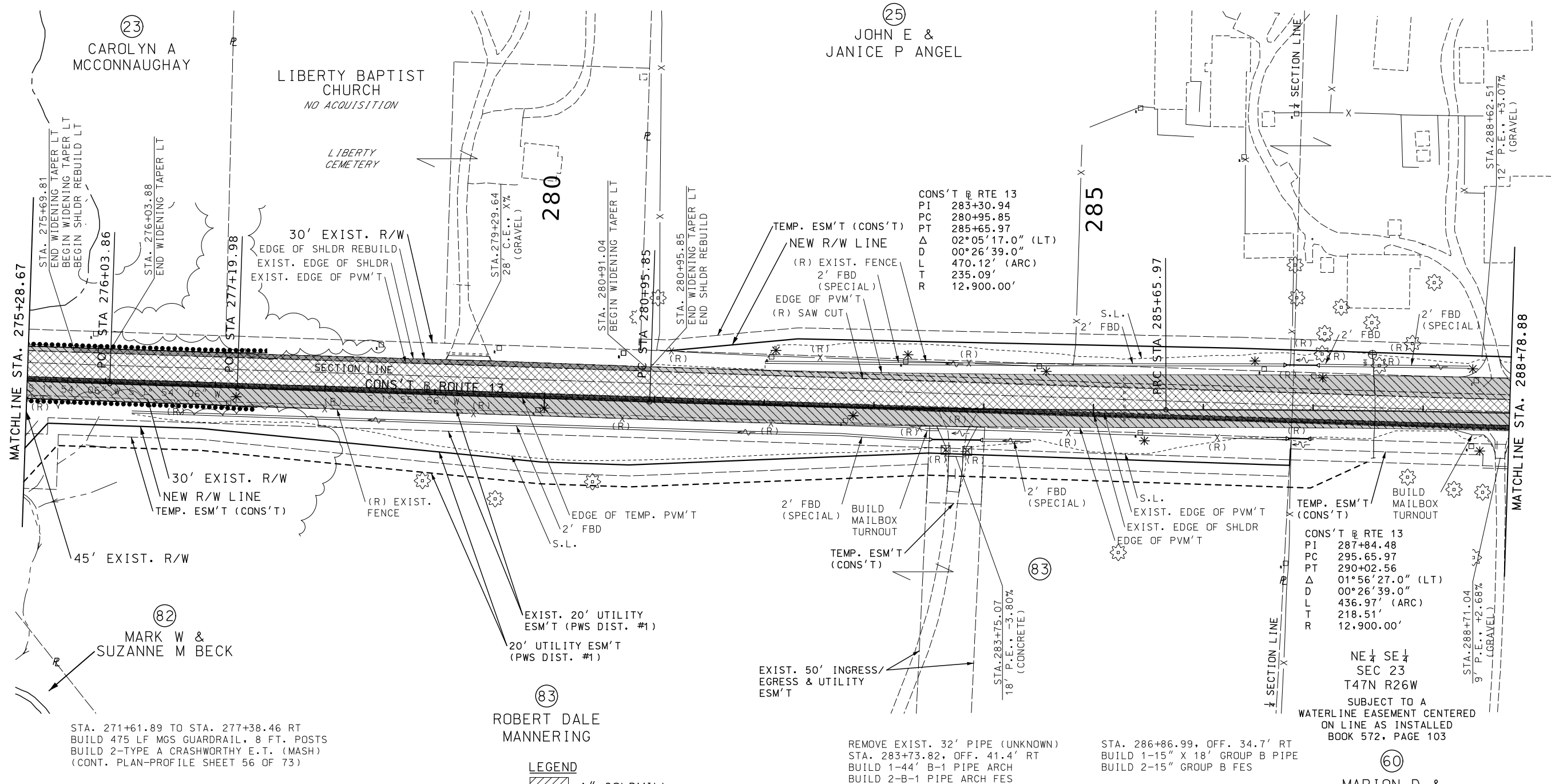


STA. 273+44.48 TO STA. 277+46.02 LT
BUILD 300 LF MGS GUARDRAIL, 8 FT. POSTS
BUILD 2-TYPE A CRASHWORTHY E.T. (MASH)
(CONT. PLAN-PROFILE SHEET 56 OF 73)

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

ABANDON & FILL
EXIST. 15" X 41' PIPE
STA. 285+27.43
SKEW 4° 31' 05" RA

STA. 286+87.97, OFF. 24.7' LT
BUILD 1-15" X 28' GROUP B PIPE
BUILD 2-15" GROUP B FES



NOTE:
* RELOCATE UTILITIES BY OTHERS

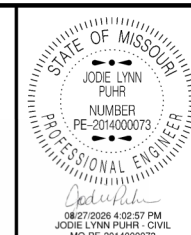


SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

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

MARION D &
HENRIETTA CLARK

PLAN-PROFILE SHEET
SHEET 56 OF 73



DATE PREPARED
8/27/202

ROUTE	ST
13	M

DISTRICT	SHEET
KC	5

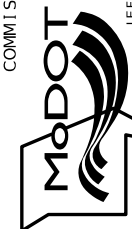
COUNTY
LA FAYETTE / JOH

JOB NO.
14P2333

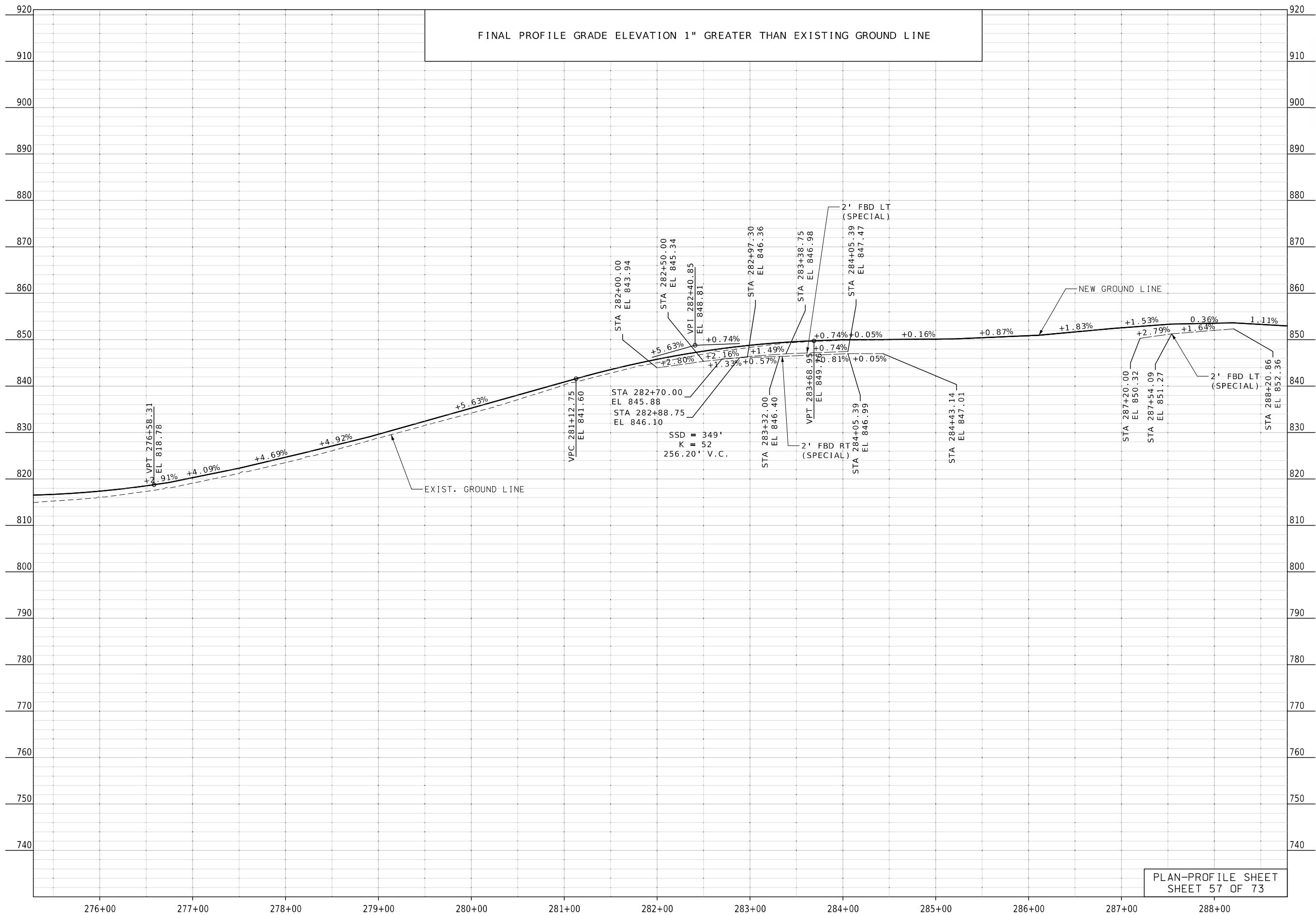
CONTRACT ID

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

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

60

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

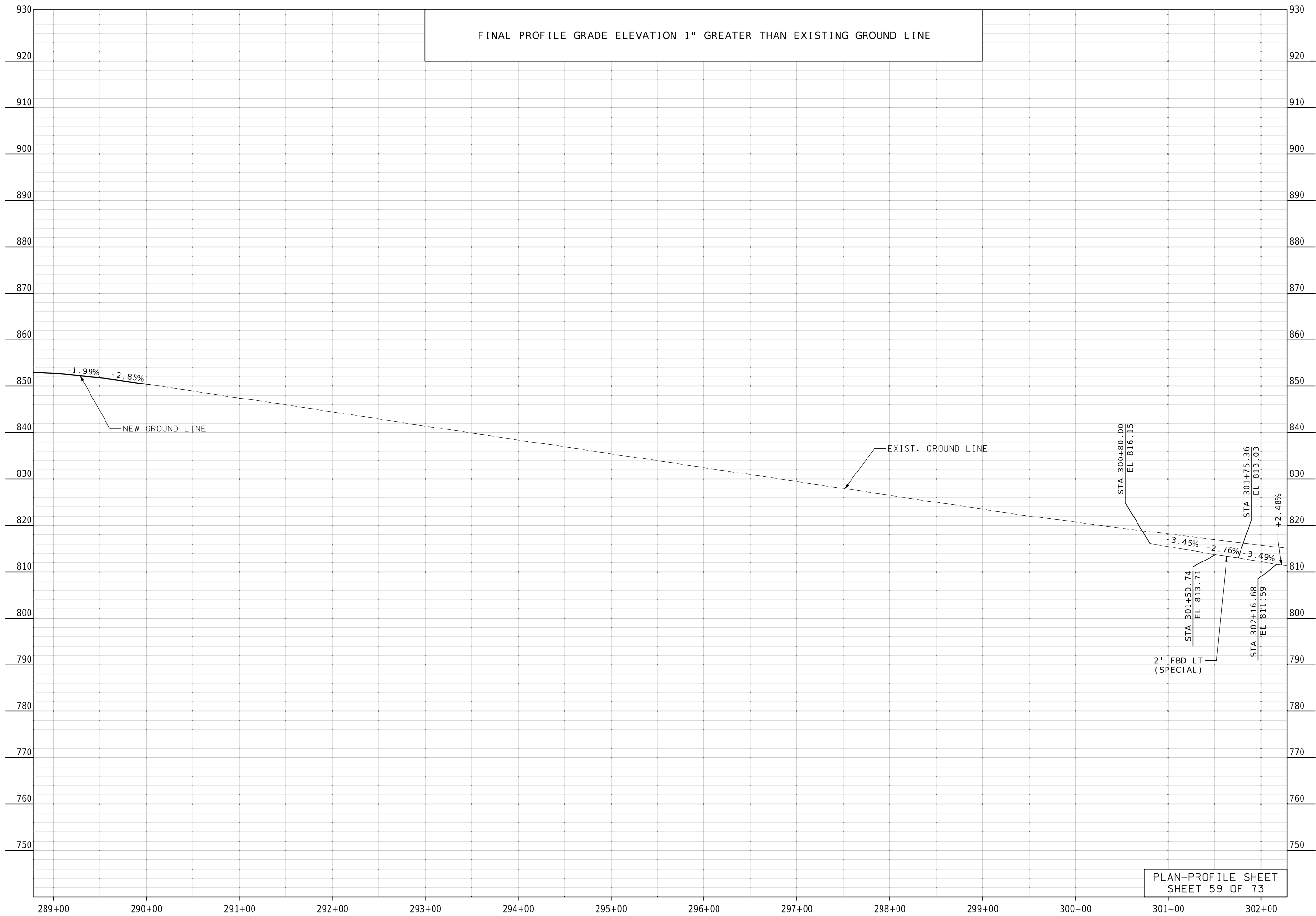
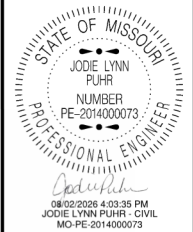
MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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





DATE PREPARED
7/31/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 62

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

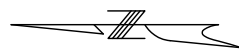
PROJECT NO.

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

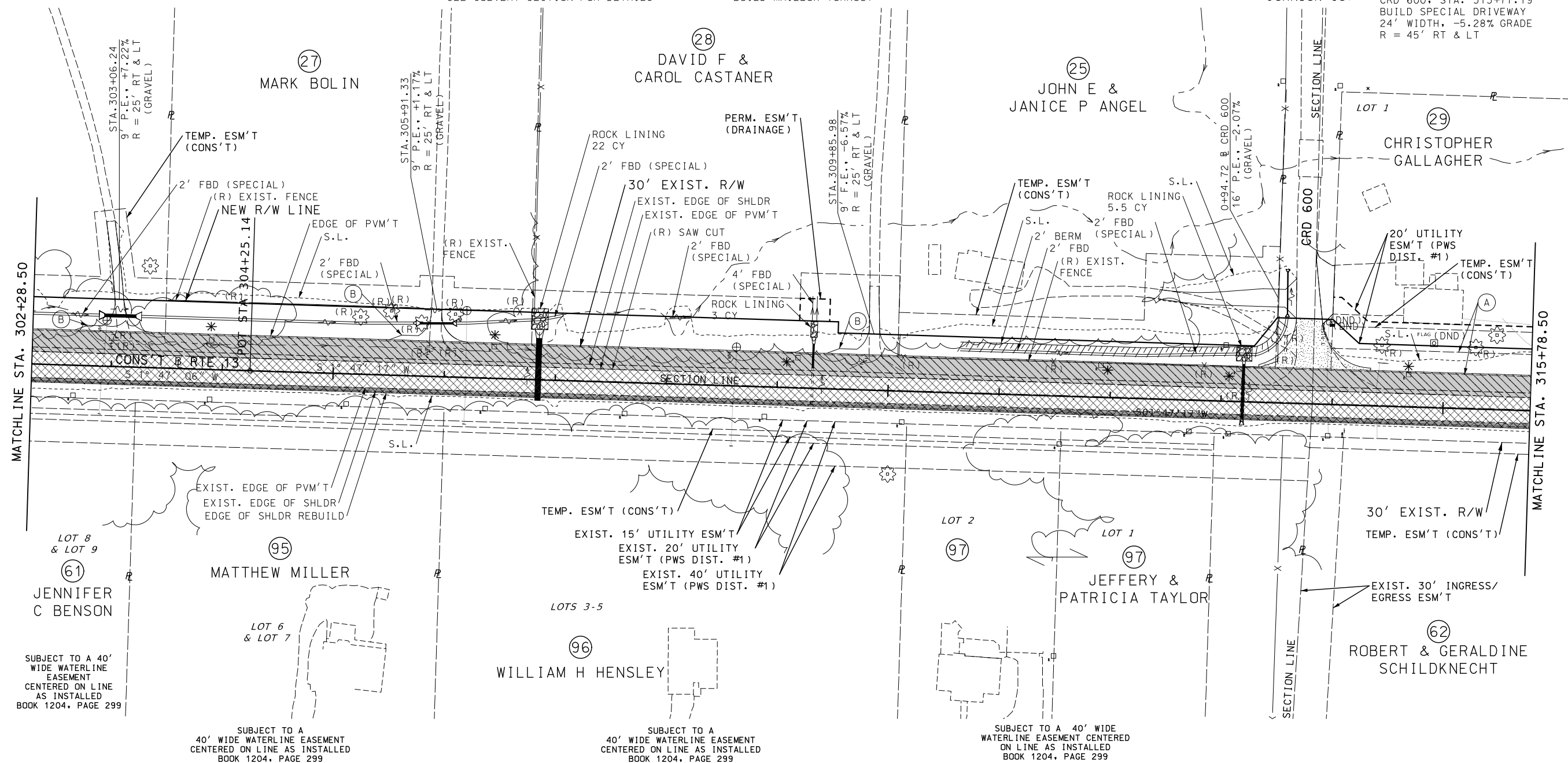
REMOVE EXIST. 4' X 2.5' X 40' RCB
REMOVE EXIST. HEADWALL & WING WALLS
STA. 306+84.54
SKEW 0° 05' 28" LA
BUILD 1-60" X 38" X 56' CLASS IV CONC.
ELLIPTICAL PIPE
BUILD 1-60" X 38" CONC. ELLIPTICAL FES
SEE CULVERT SECTION FOR DETAILS

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

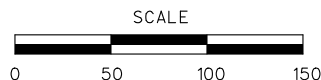
REMOVE EXIST. 2' X 1.5' RCB
STA. 313+19.33
SKEW 0° 25' 53" LA
BUILD 1-23" X 14" X 49' CLASS IV
REINF. CONC. ELLIPTICAL PIPE
BUILD 2-23" X 14" CONC. ELLIPTICAL FES
SEE CULVERT SECTION FOR DETAILS

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

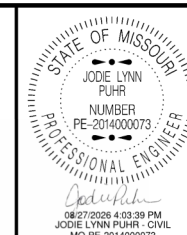
LEGEND

- 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.

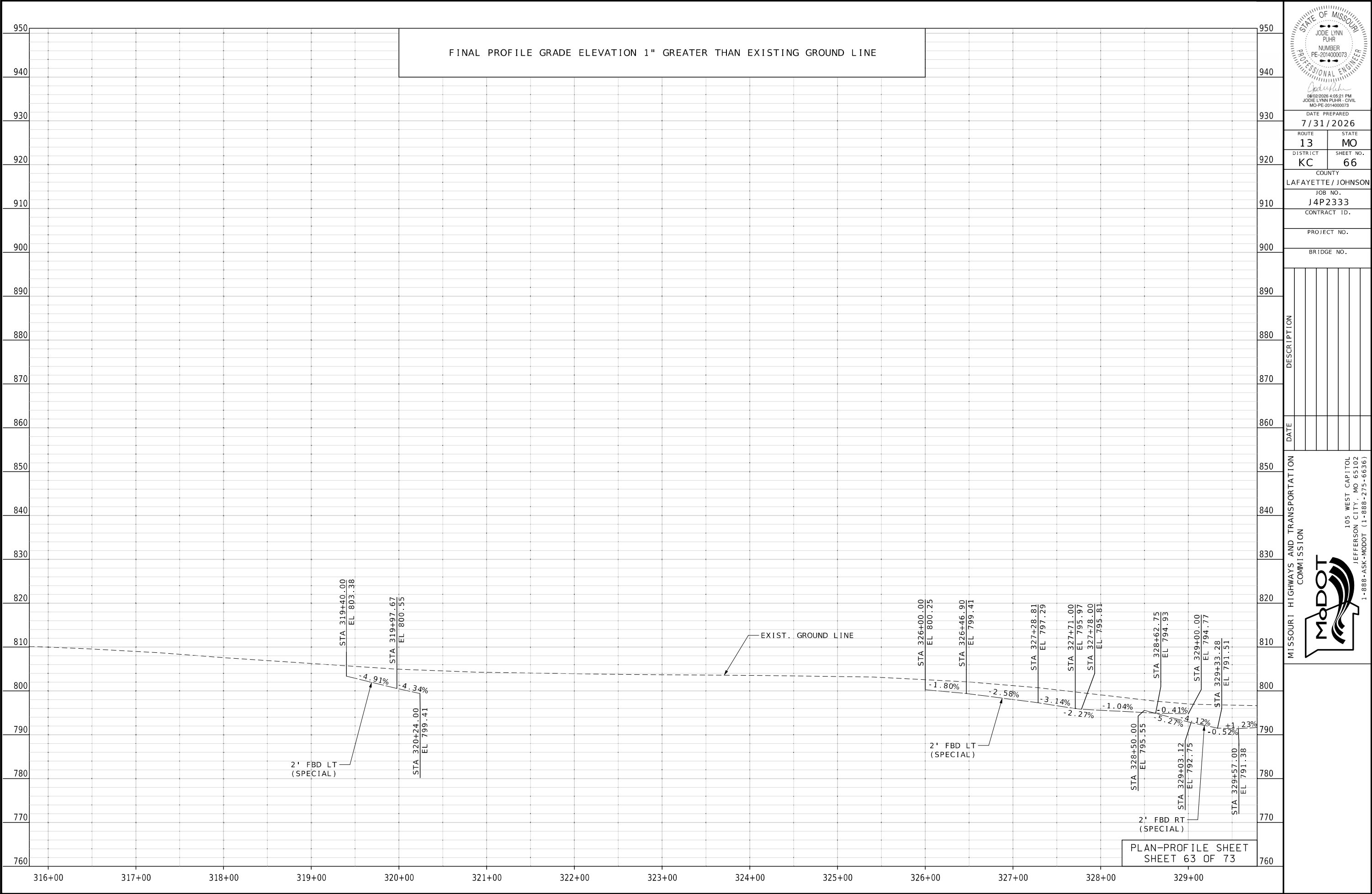
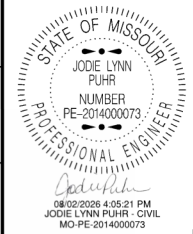
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



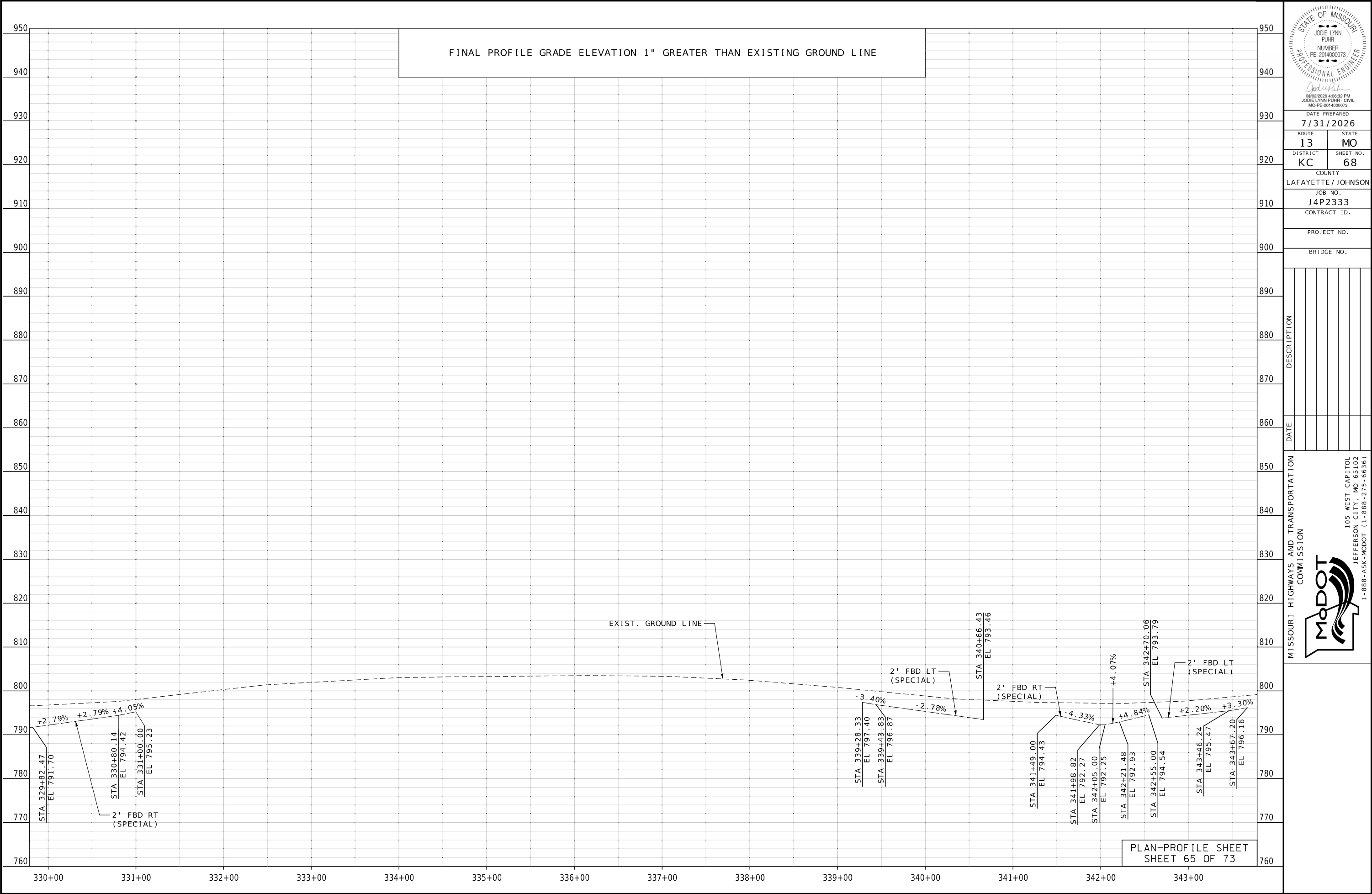
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 66
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

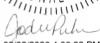


STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER



08/02/2026 4:06:32 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
68

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

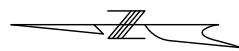
BRIDGE NO.

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)

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.

TEMP. ESM'T
(CONS'T)

2' FBD
(SPECIAL)

TEMP. ESM'T
(CONS'T)

2' BERM
2' FBD

TEMP. ESM'T
(CONS'T)

2' FBD
(SPECIAL)

2' FBD
(SPECIAL)

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(SPECIAL)

2' FBD
(SPECIAL)



DATE PREPARED
8/27/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
69

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)

MoDOT

MoDOT

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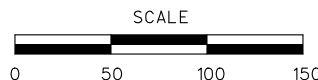
MoDOT

MoDOT

MoDOT

LEGEND

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



NOTE:
* RELOCATE UTILITIES BY OTHERS
SEE SPECIAL SHEET NUMBERS 1 TO 6
FOR LAND CORNER TIE INFORMATION.

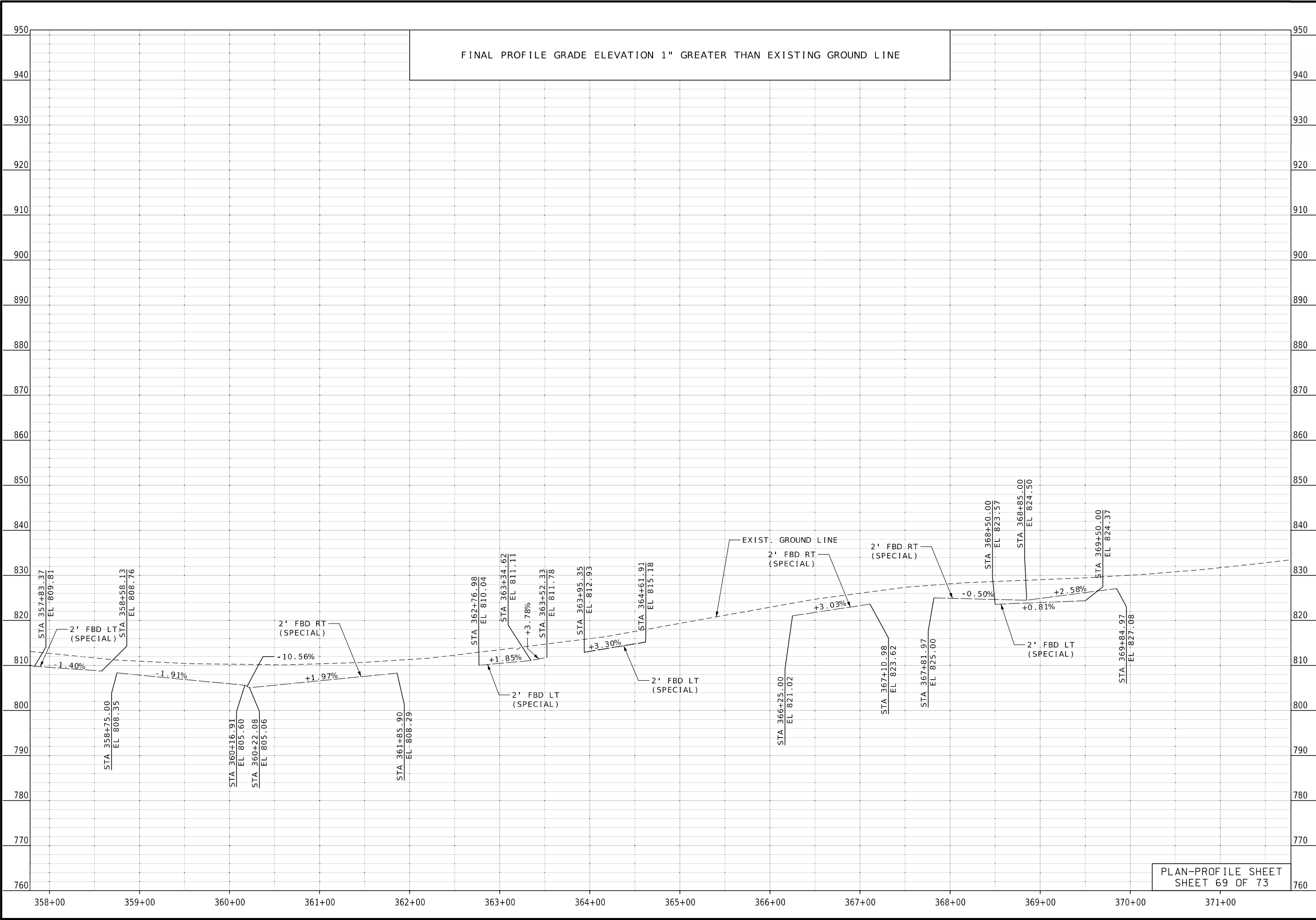
REMOVE EXIST. 24" X 47' RCP
STA. 349+32.43
SKEW 0° 19' 37" RA
BUILD 24" X 62' GROUP A PIPE
BUILD 2-24" GROUP A FES
SEE CULVERT SECTION FOR DETAILS

SE 1/4
SEC 26
T47N R26W

REMOVE EXIST. 18" X 20' CMP
STA. 353+28.57, OFF. 34' RT
BUILD 1-18" X 43' GROUP B PIPE
BUILD 2-18" GROUP B FES

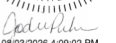
PLAN-PROFILE SHEET
SHEET 66 OF 73

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.

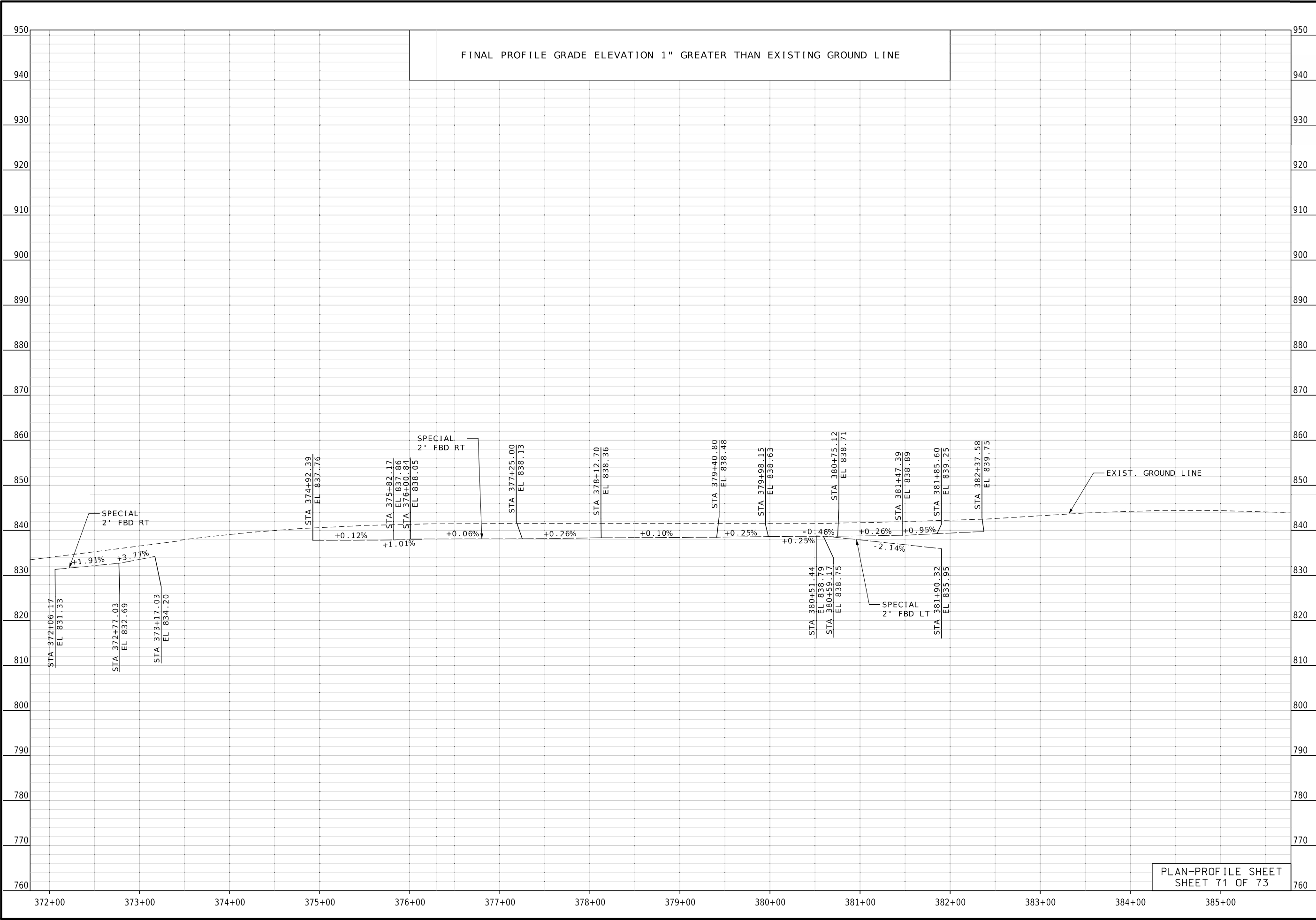
DATE	DESCRIPTION

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

STATE
MO

SHEET NO.
74

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

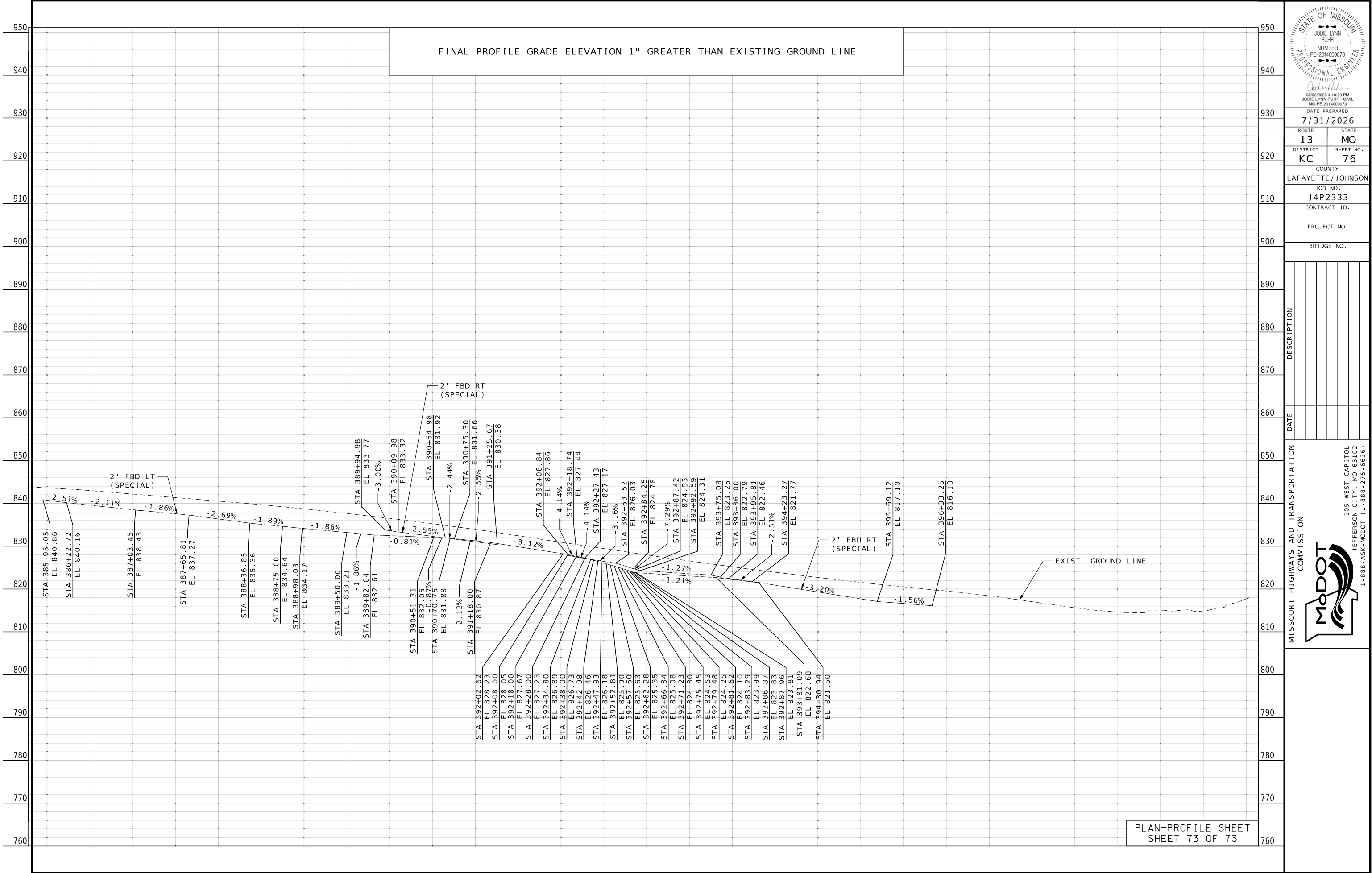
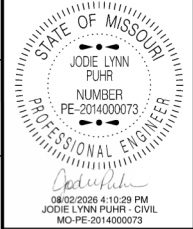
BRIDGE NO.

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	STATE
13	MO
DISTRICT	SHEET NO.
KC	76

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

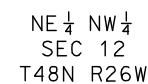
BRIDGE NO.

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

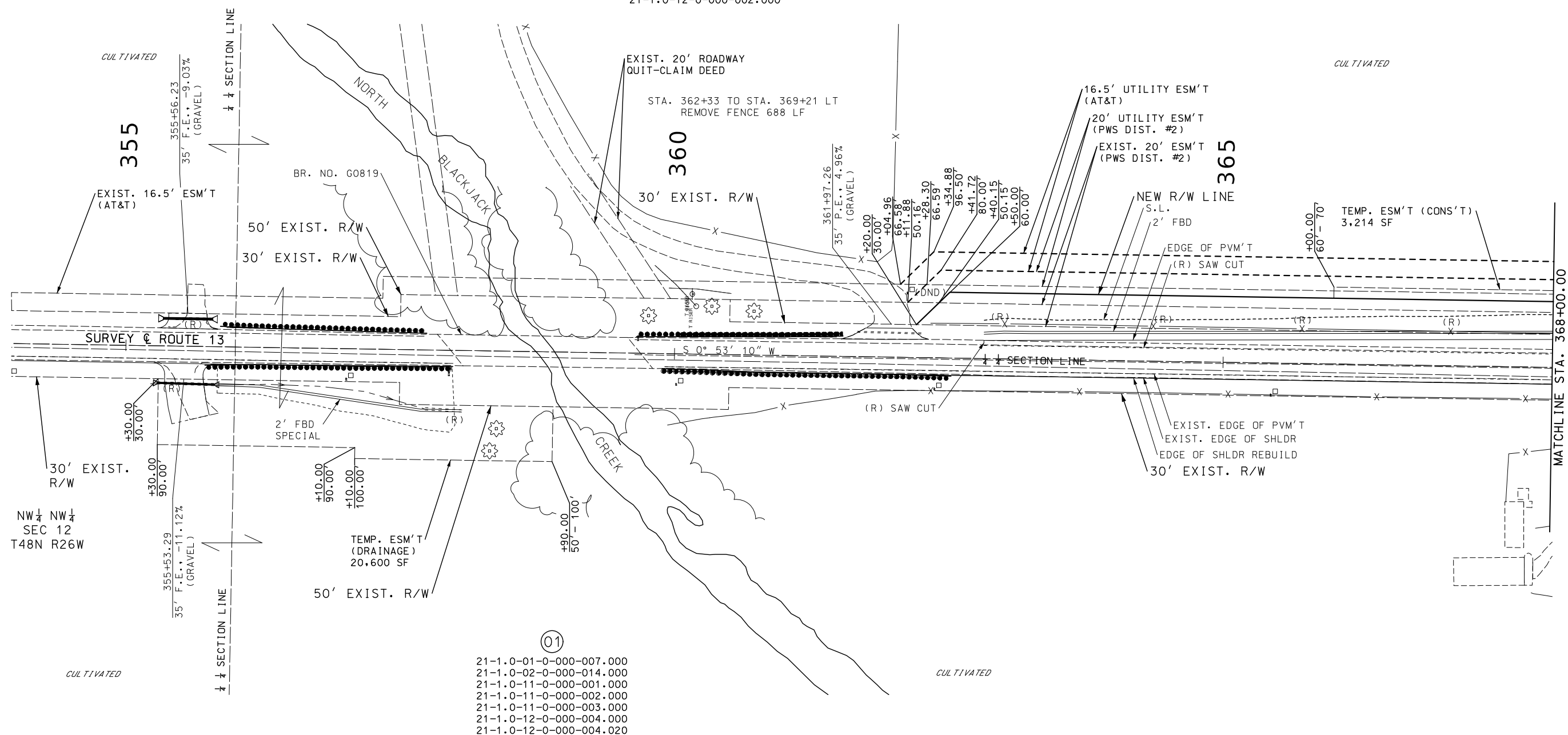
SE $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 12
T48N R26W

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

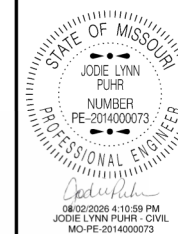
ALL BEARINGS SHOWN ARE MODIFIED STATE PLANE
BEARINGS, WESTERN ZONE.



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
13	MC

DISTRICT	SHEET
KC	77

COUNTY
LAFAYETTE / JOHN

JOB NO.
14P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102



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

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

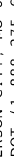
STATE OF MISSOURI

JODIE LYNN
PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

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

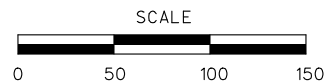
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

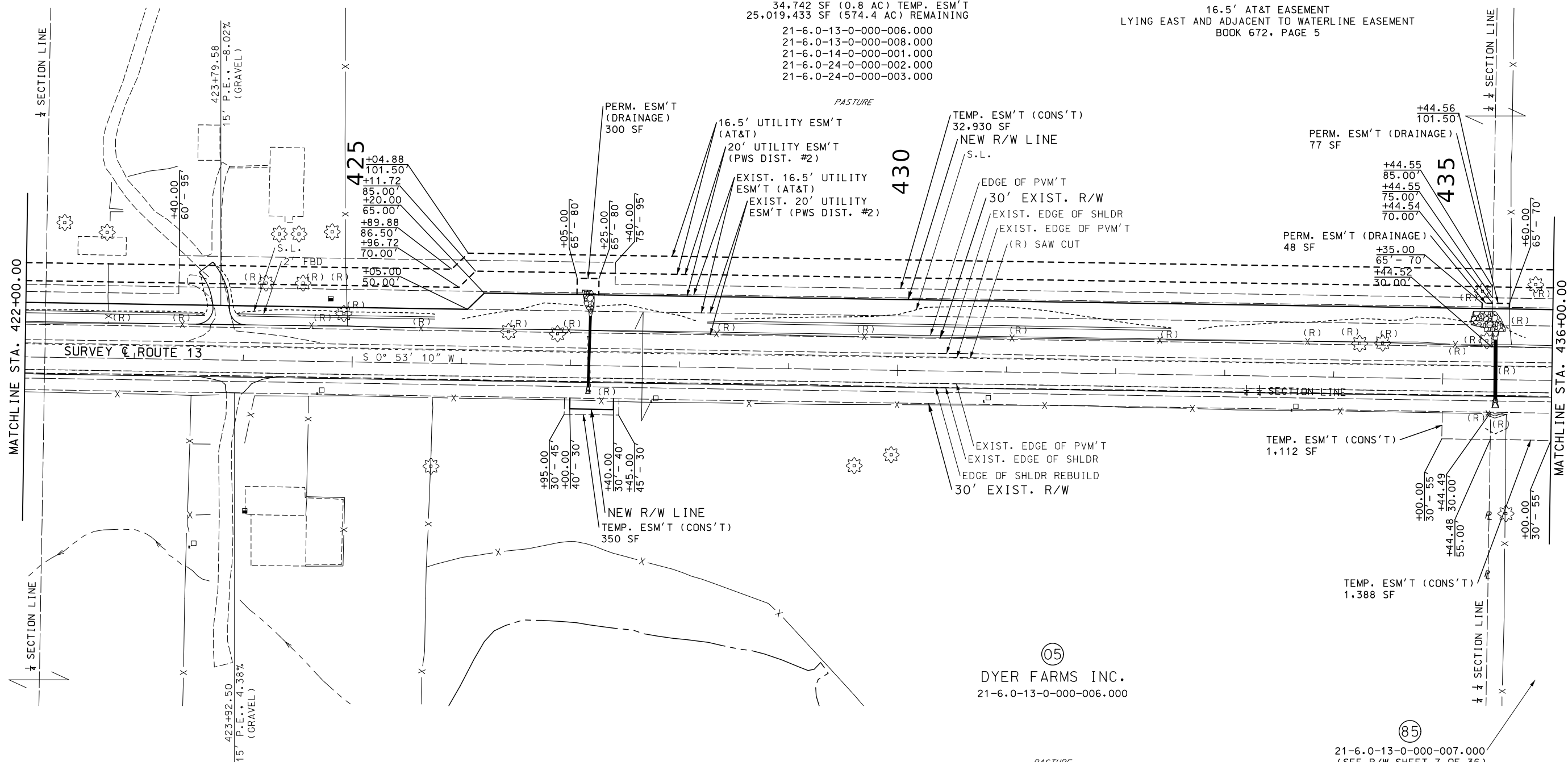
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



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

SURVEY & ROUTE 13

MATCHLINE STA. 436+00.00

05
DYER FARMS INC.
21-6.0-13-0-000-006.000

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

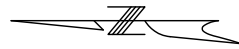
(85)
21-6.0-13-0-000-007.000
(SEE R/W SHEET 7 OF 36)
STA. 435+44 TO STA. 435+59 RT
REMOVE FENCE 38 LF

RIGHT OF WAY SHEET
SHEET 6 OF 36



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

[illegible]

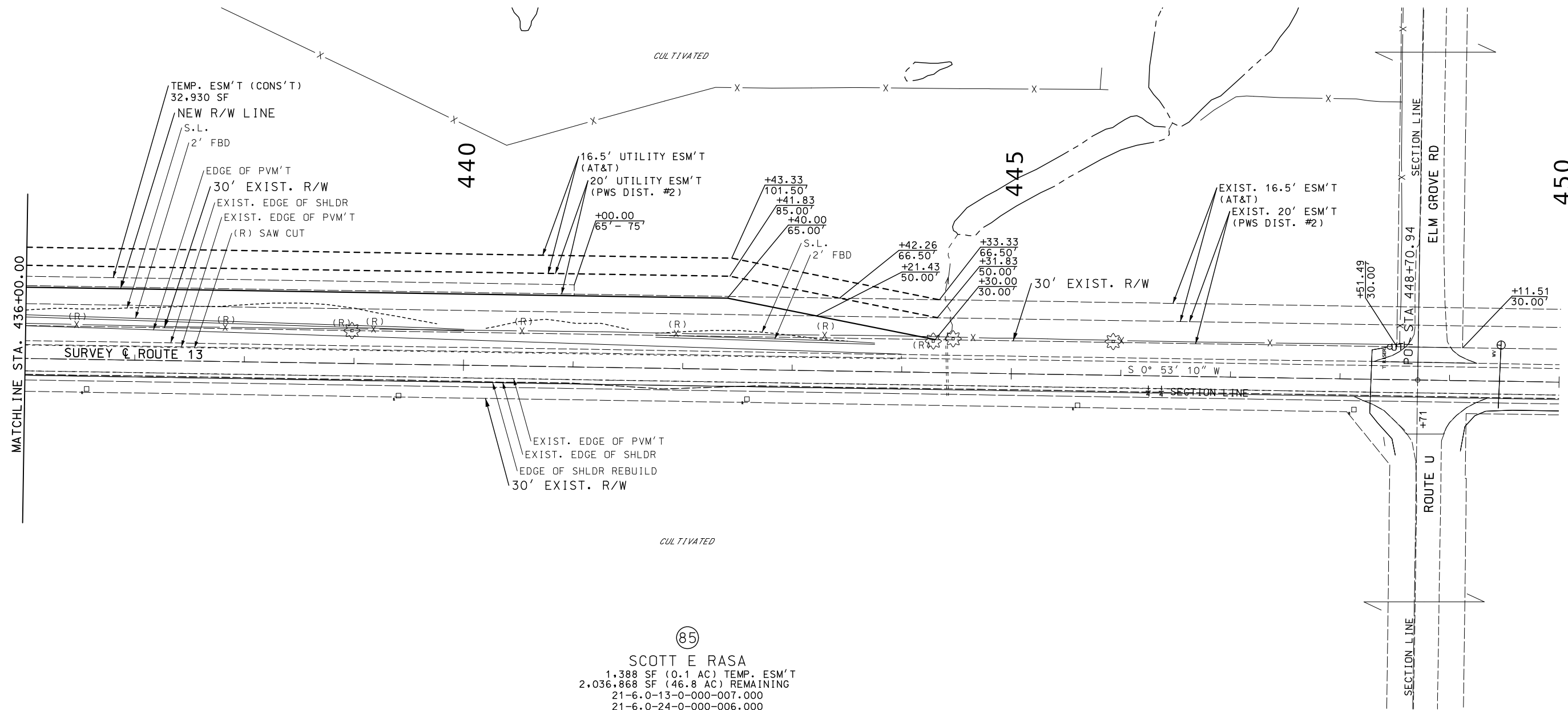


SE 1/4 SW 1/4
SEC 13
T48N R26W

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

05

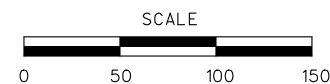
DYER FARMS INC.
21-6.0-13-0-000-008.000
(SEE R/W SHEET 6 OF 36)



85

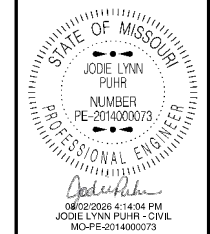
SCOTT E RASA
1,388 SF (0.1 AC) TEMP. ESM'T
2,036,868 SF (46.8 AC) REMAINING
21-6.0-13-0-000-007.000
21-6.0-24-0-000-006.000

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



SW 1/4 SW 1/4
SEC 13
T48N R26W

RIGHT OF WAY SHEET
SHEET 7 OF 36

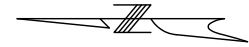


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 83
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



MATCHLINE STA. 12+00.00

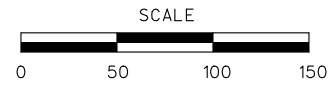
06
0002.03

SECTION LINE

+27

SECTION LINE

91
0002.05



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

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)

20

25

MATCHLINE STA. 26+00.00

TEMP. ESM'T (CONS'T)
26,158 SF
NEW R/W LINE
S.L.
2' BERM
2' FBD
EDGE OF PVM'T
30' EXIST. R/W
EXIST. EDGE OF SHLDR
EXIST. EDGE OF PVM'T
(R) SAW CUT

15
16.5' UTILITY ESM'T
(AT&T)
EXIST. 16.5' ESM'T
(AT&T)
END TAPER

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

S 1° 48' 13" W

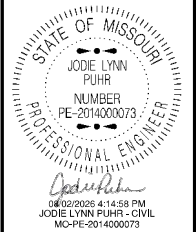
91

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

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)

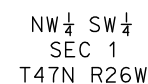
NE $\frac{1}{4}$ NW $\frac{1}{4}$
SEC 36
T48N R26W

RIGHT OF WAY SHEET
SHEET 11 OF 36

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

RIGHT OF WAY SHEET
SHEET 15 OF 36

The logo for the Missouri Highways Authority (MoDOT) is located in the bottom right corner. It features the text "MISSOURI HIGHWAYS AUTHORITY" in a stacked, sans-serif font, with "COMMISS" visible on the right side. To the right of the text is a stylized graphic of a road or highway curving upwards and to the right, with several parallel lines representing the road's lanes.



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.
2' FBD

150

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

MATCHLINE STA. 138+00.00

MATCHLINE STA. 152+00.00

(93)

RHONDA G BERG

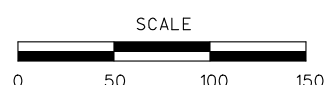
1,539 SF (0.1 AC) NEW R/W
(INCL. 1,003 SF IN EXIST. PERM. ESM'T (UTILITY - PWS DIST. #1))
(INCL. 134 SF IN EXIST. PERM. ESM'T (UTILITY - PUBLIC SERVICE CO.))
1,353 SF (0.1 AC) PERM. ESM'T (UTILITY - PWS DIST. #1)
160 SF (0.1 AC) PERM. ESM'T (UTILITY - PUBLIC SERVICE CO.)
2,080 SF (0.1 AC) TEMP. ESM'T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

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

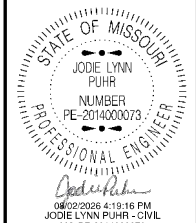
SE $\frac{1}{4}$ SE $\frac{1}{4}$
SEC 2
T47N R26W

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
7/31/2026

ROUTE	STATE
13	MO

13	MO
DISTRICT	SHEET NO.
KC	04

KC 94
COUNTY
JEANETTE L. JOHNSON

JOB NO.
115555

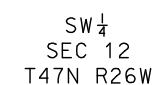
J4P2333
CONTRACT ID.

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)



(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)

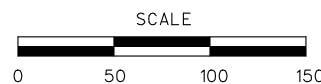
DAY FAMILY TRUST
(SEE R/W SHEET 22 OF 36)

DONALD G &
NORMA L YOUNG TRUST
NO ACQUISITION

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

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

RIGHT OF WAY SHEET
SHEET 21 OF 36



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



DATE PREPARED
7/31/2026

ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	97

COUNTY
LAFAYETTE / JOHNSON

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)



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

AND

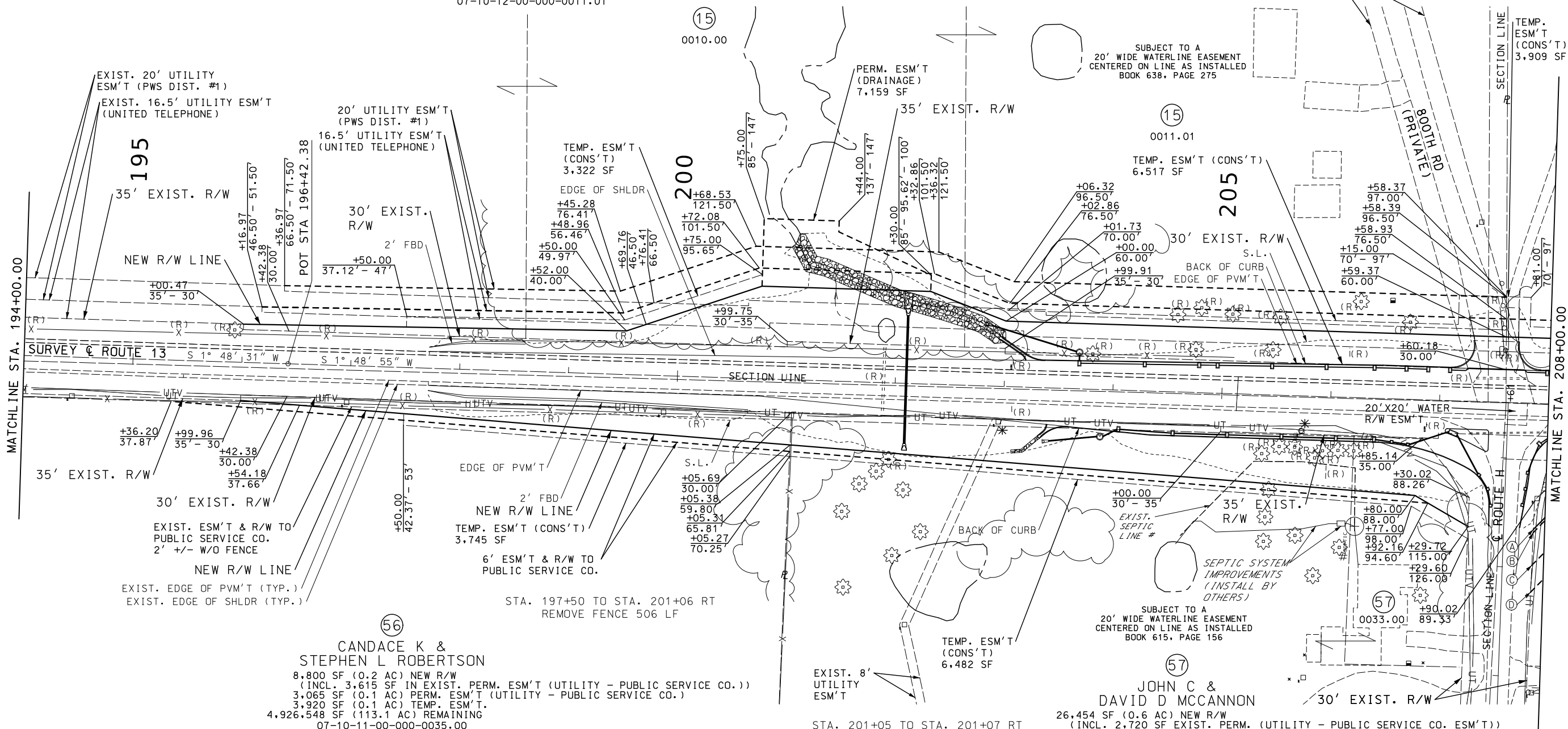
AGREEMENT IN BOOK 3096, PAGE 254
ALLOWS FOR EASEMENTS SHOWN ON
RECORDED PLAT
(NO PLAT FOUND)

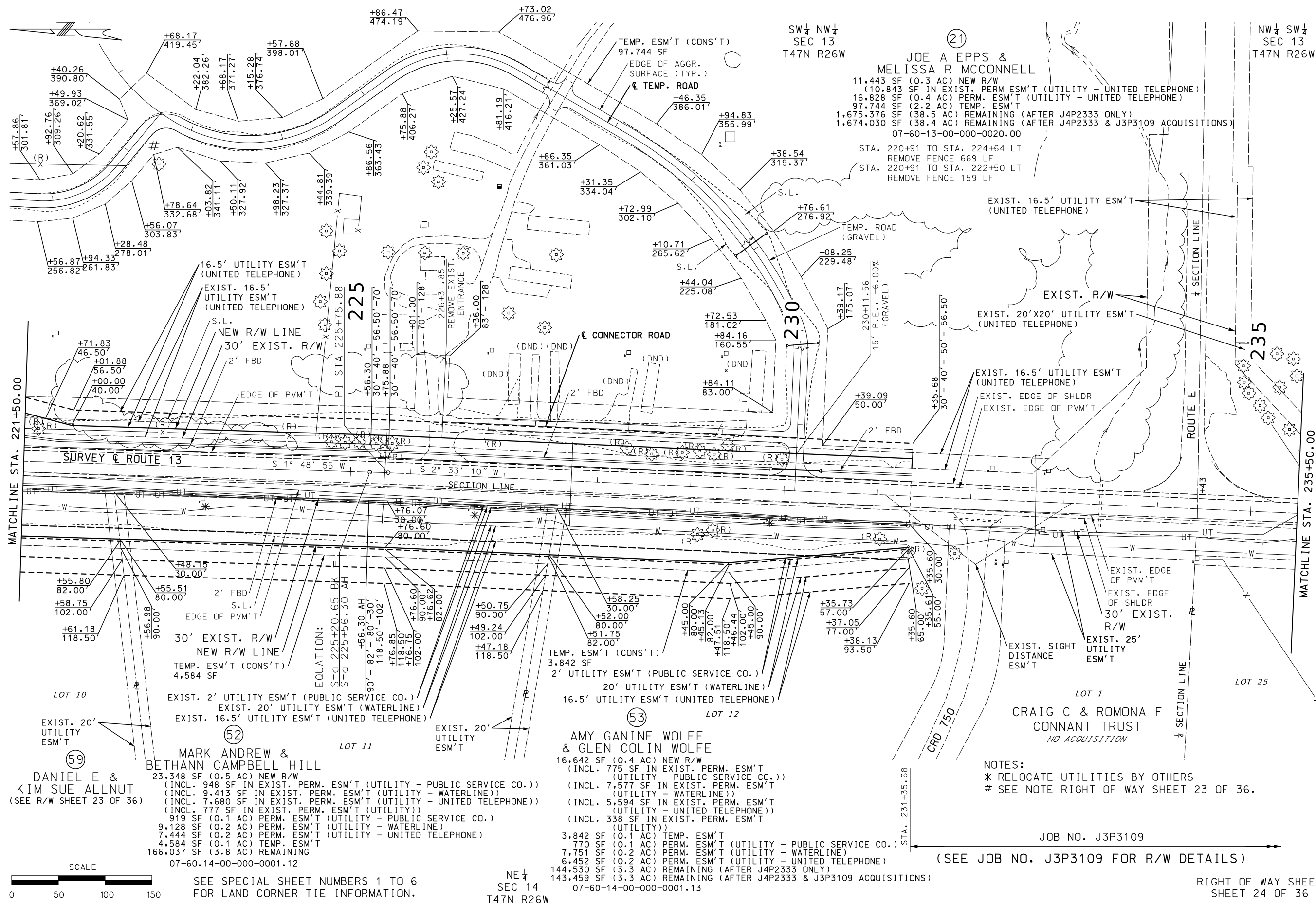
STA. 190+67 TO STA. 205+11 LT
REMOVE FENCE 1,451 LF

DAY FAMILY TRUST

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

SW 1/4
SEC 12
T47N R26W





STATE OF MISSOURI
JODIE LYNN
PUHAR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/02/2026 4:21:56 PM
JODIE LYNN PUHAR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE	STATE
13	MO

13	MO
DISTRICT	SHEET NO.
KC	100

RC	100
COUNTY	
LAFAYETTE / LOUISIANA	

JOB NO.
1482222

J4P2333
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

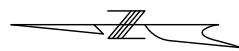
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT / 1-888-275-6623

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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)

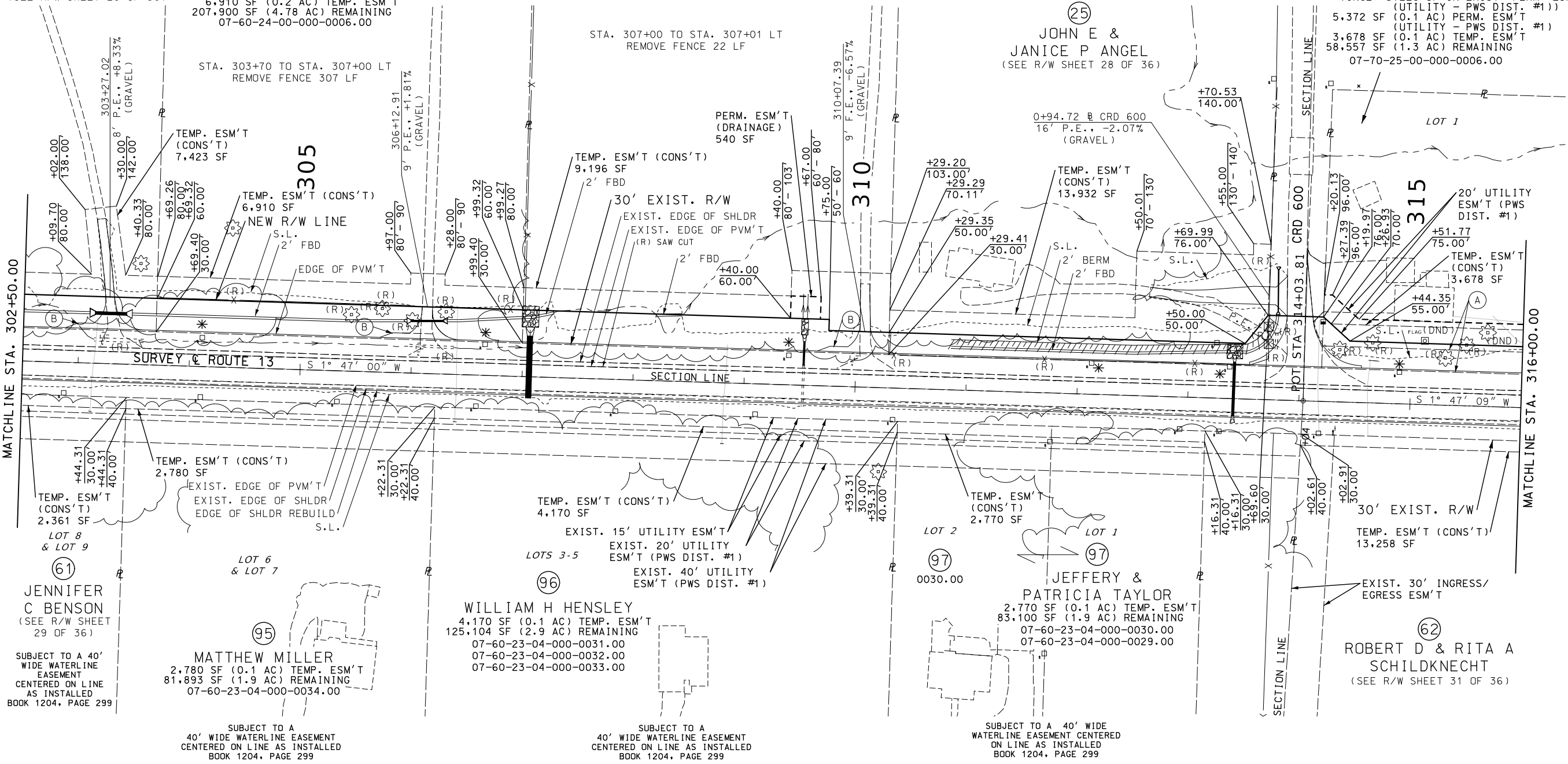
(27)
MARK C BOLIN
9,900 SF (0.2 AC) R/W
6,910 SF (0.2 AC) TEMP. ESM'T
207,900 SF (4.78 AC) REMAINING
07-60-24-00-000-0006.00

(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

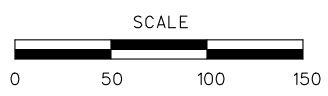
(114)
JOHNSON CO.
2,300 SF (0.1 AC) NEW R/W

(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
08/02/2025 4:04:34 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.

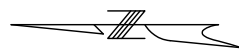
BRIDGE NO.

DESCRIPTION

DATE

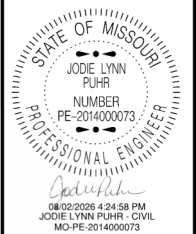
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

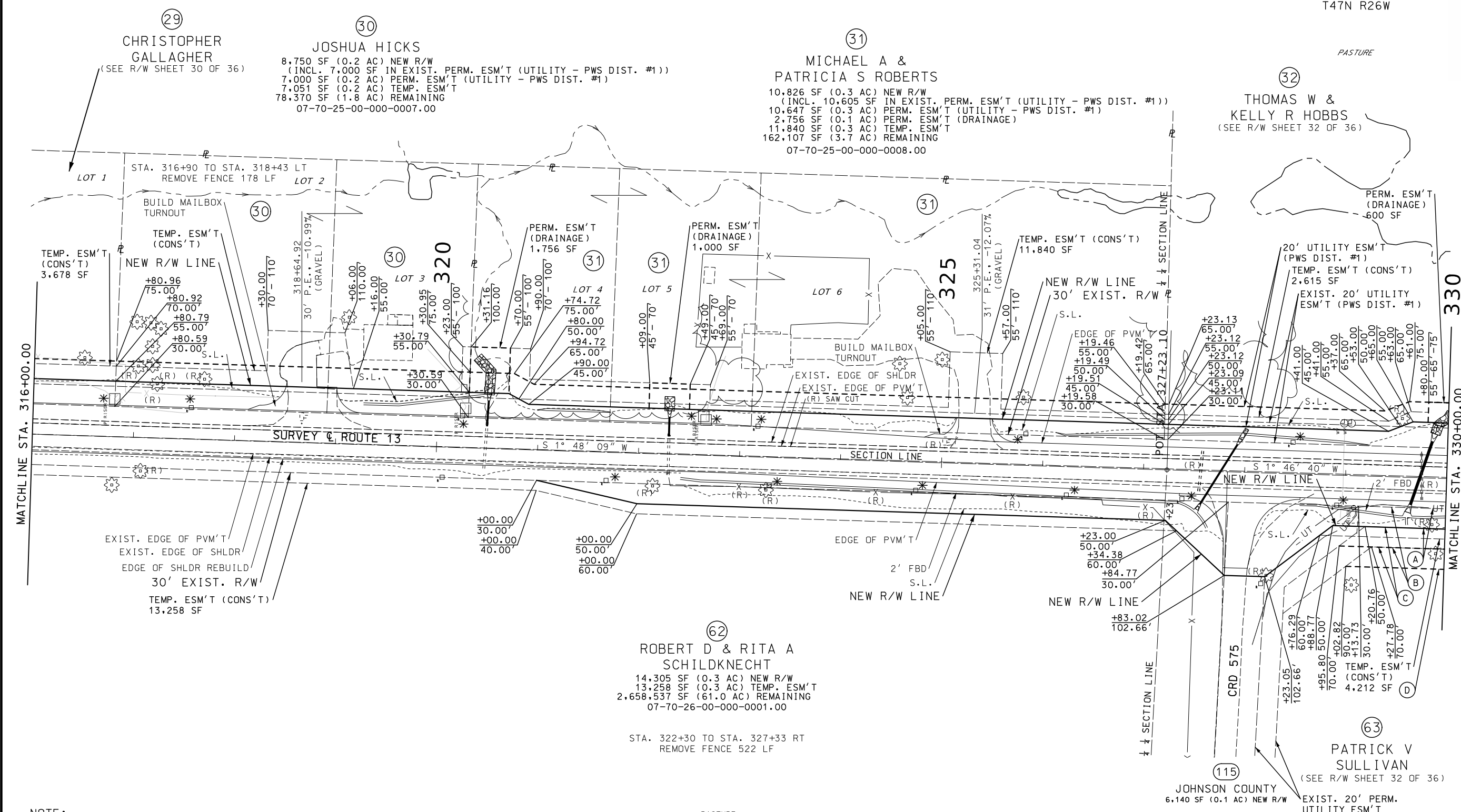


NW 1/4 NW 1/4
SEC 25
T47N R26W

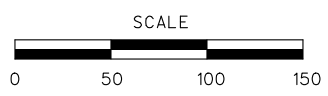
SW 1/4 NW 1/4
SEC 25
T47N R26W



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.	



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)

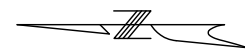
S 1/2 NE 1/4
SEC 26
T47N R26W

RIGHT OF WAY SHEET
SHEET 31 OF 36

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 25
T47N R26W

CLAYTON P &
LESLIE D BURGIN

LANDON &
LAURA SCHEER

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

BOYD O &
PATRICIA M STEVENSON

(33)
(SEE R/W SHEET
32 OF 36)

EXIST. DEED OF
ESM'T UNITED
STATES OF
AMERICA

EDNA M BAGINSKY

4,949 SF (0.1 AC) NEW R/W
(INCL. 4,949 SF IN EXIST. PERM. ESM'T
(UTILITY - PWS DIST. #1))
4,949 SF (0.1 AC) PERM. ESM'T
(UTILITY - PWS DIST. #1)
6,822 SF (0.2 AC) TEMP. ESM'T
430,651 SF (9.9 AC) REMAINING
07-70-25-00-000-0012.00

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

DEVIN LAWRENCE &
SHELBY JO SPROSTON

5,606 SF (0.1 AC) NEW R/W
(INCL. 5,606 SF IN EXIST. PERM. ESM'T
(UTILITY - PWS DIST. #1))
5,606 SF (0.1 AC) PERM. ESM'T
(UTILITY - PWS DIST. #1)
2,803 SF (0.1 AC) TEMP. ESM'T
243,557 SF (5.6 AC) REMAINING
07-70-25-00-000-0013.00

HELEN C MISNER

3,359 SF (0.1 AC) NEW R/W
(INCL. 3,359 SF IN EXIST. PERM. ESM'T
(UTILITY - PWS DIST. #1))
3,358 SF (0.1 AC) PERM. ESM'T
(UTILITY - PWS DIST. #1)
6,392 SF (0.1 AC) TEMP. ESM'T
214,441 SF (4.9 AC) REMAINING
07-70-25-00-000-0014.00

STA. 353+62 TO STA. 353+64 LT
REMOVE FENCE 54 LF

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

6,635 SF (0.2 AC) NEW R/W
(INCL. 6,130 SF IN EXIST. PERM. ESM'T
(UTILITY - PWS DIST. #1))
6,392 SF (0.2 AC) PERM. ESM'T
(UTILITY - PWS DIST. #1)
5,617 SF (0.1 AC) TEMP. ESM'T
690,325 SF (15.9 AC) REMAINING
07-70-25-00-000-0016.00

345

TEMP. ESM'T
(CONS'T)
6,822 SF

350

TEMP. ESM'T
(CONS'T)
6,822 SF

355

TEMP. ESM'T
(CONS'T)
6,822 SF

360

TEMP. ESM'T
(CONS'T)
6,822 SF

365

TEMP. ESM'T
(CONS'T)
6,822 SF

370

TEMP. ESM'T
(CONS'T)
6,822 SF

375

TEMP. ESM'T
(CONS'T)
6,822 SF

380

TEMP. ESM'T
(CONS'T)
6,822 SF

385

TEMP. ESM'T
(CONS'T)
6,822 SF

390

TEMP. ESM'T
(CONS'T)
6,822 SF

395

TEMP. ESM'T
(CONS'T)
6,822 SF

400

TEMP. ESM'T
(CONS'T)
6,822 SF

345

350

355

360

365

370

375

380

385

390

395

400

405

410

415

420

425

430

435

440

445

450

455

345

350

355

360

365

370

375

380

385

390

395

400

405

410

415

420

425

430

435

440

445

450

455

345

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355

360

365

370

375

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360

365

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445

450

455

345

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360

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445

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455

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360

365

370

375

380

385

390

395

400

405

410

415

420

425

430

435

440

445

450

455

345

350

355

360

365

370

375

380

385

390

395

400

405

410

415

420

425

430

435

440

445

450

455

345

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410

415

420

425

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435

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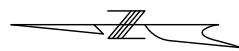
425

430

435

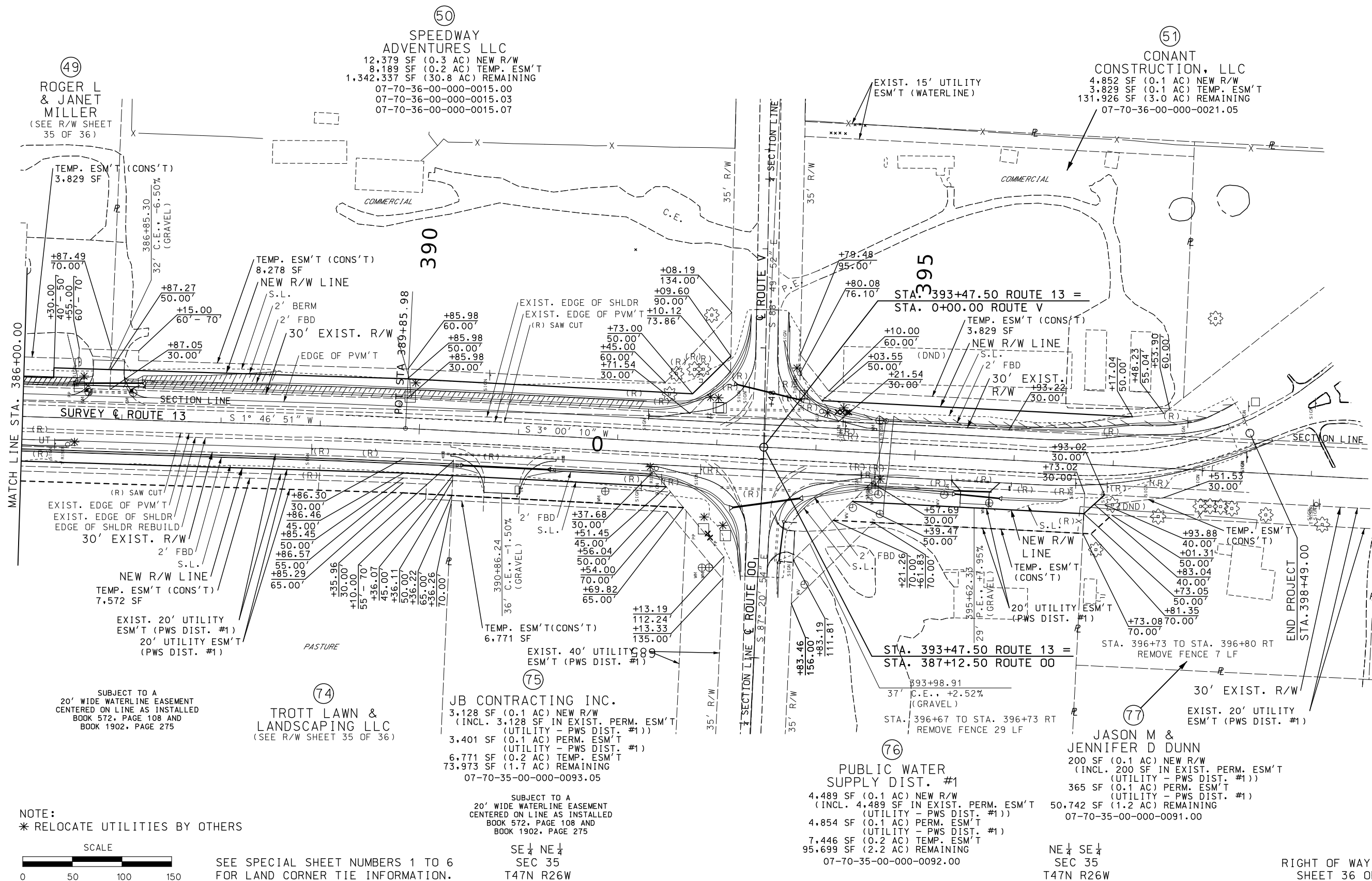
440

445



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

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



STATE OF MISSOURI

JODIE LYNN PUGH

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

112

COUNTY

LAFAJETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

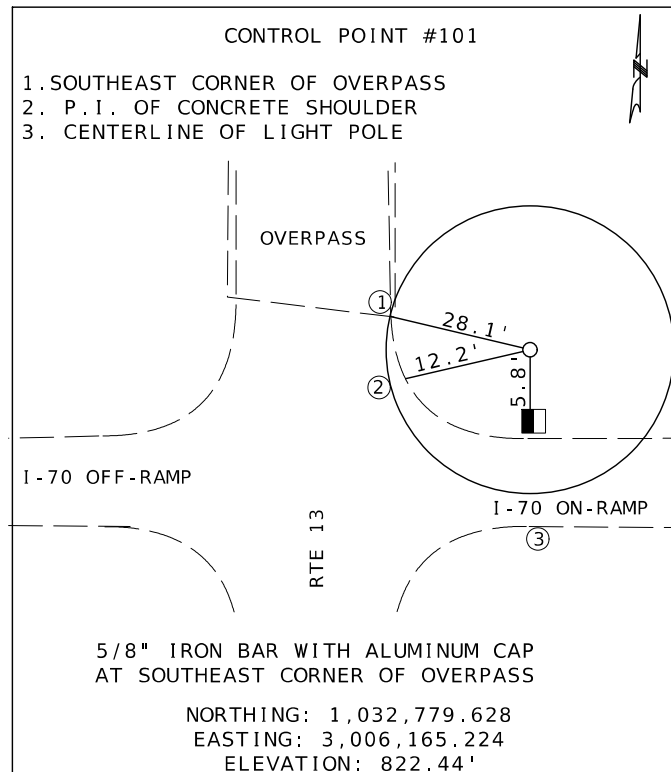
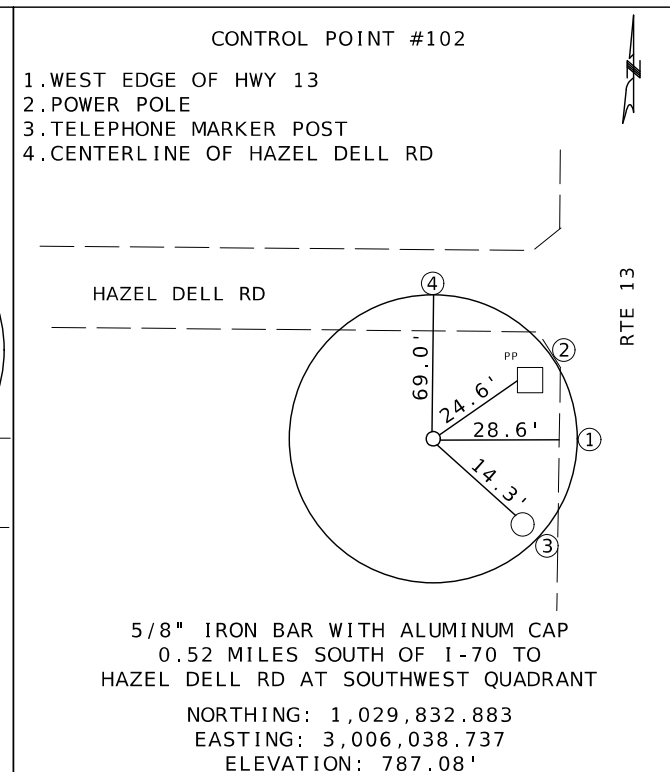
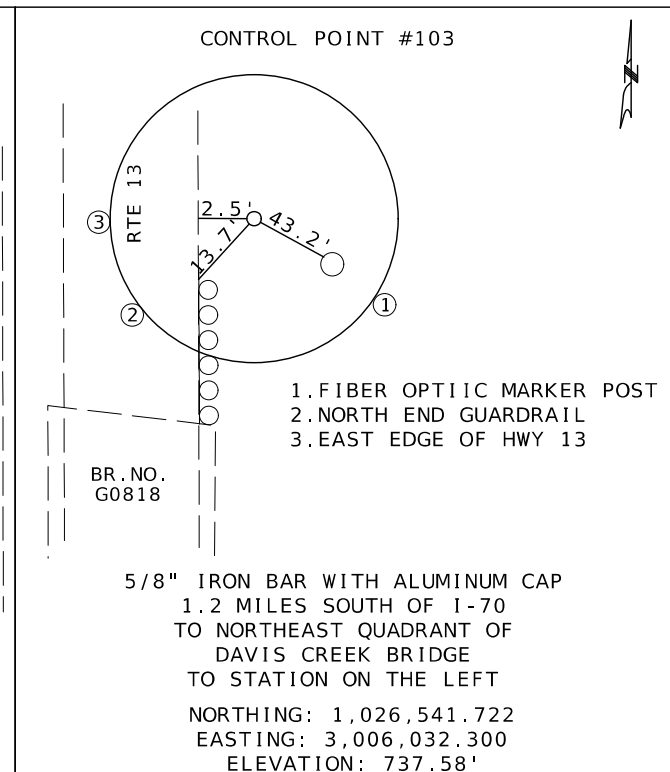
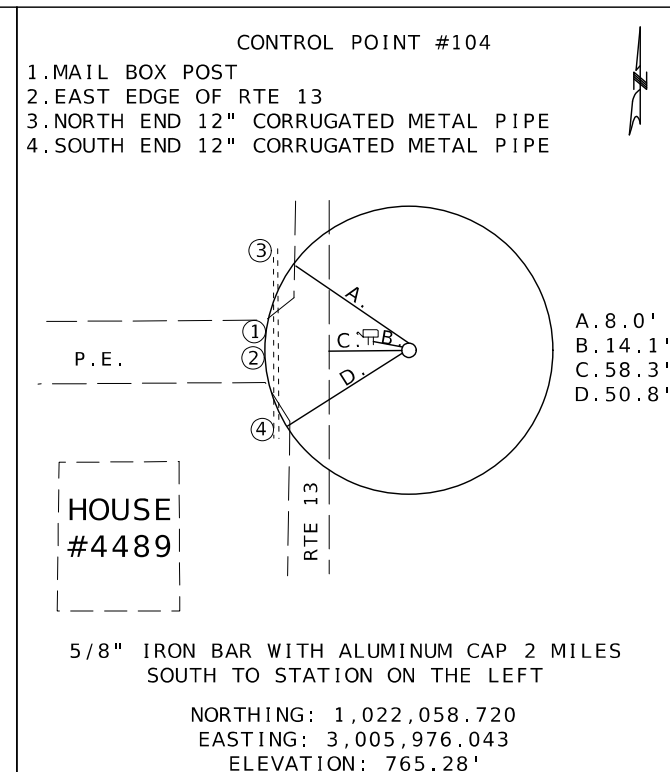
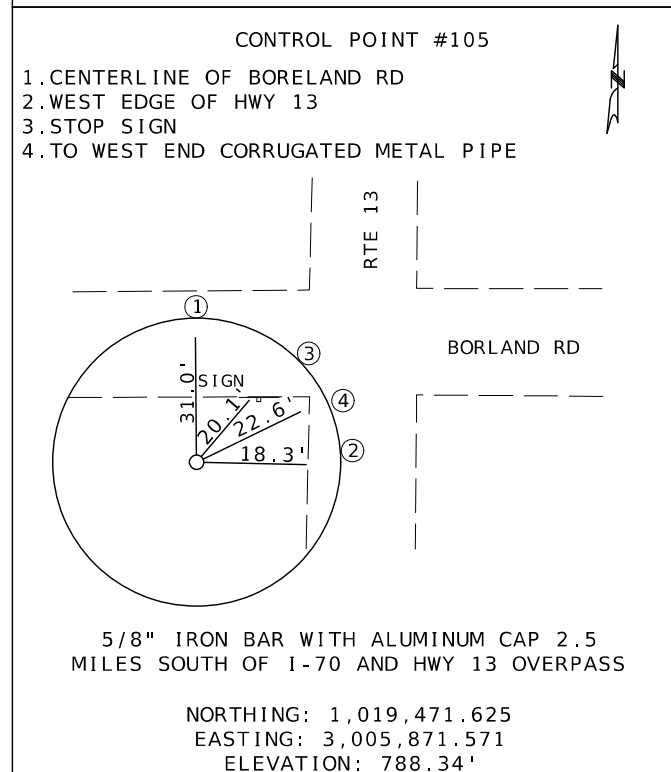
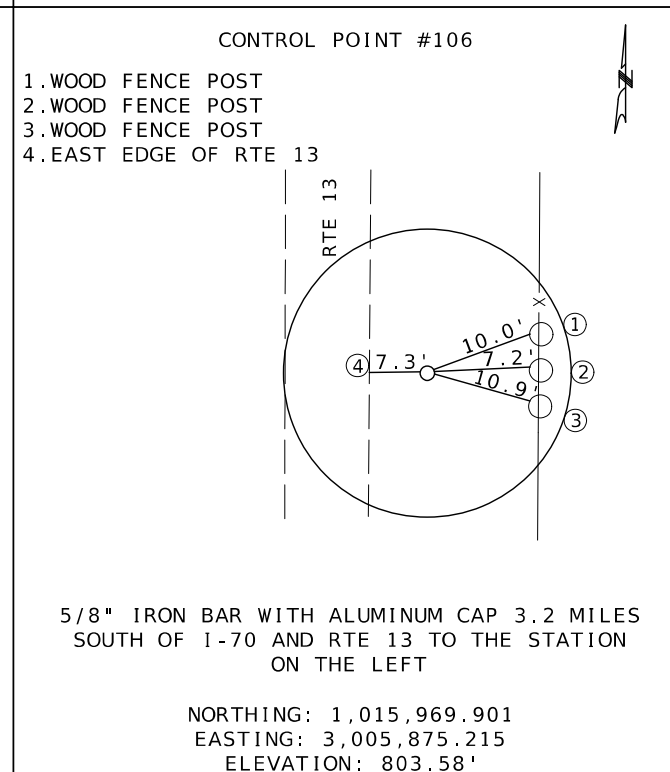
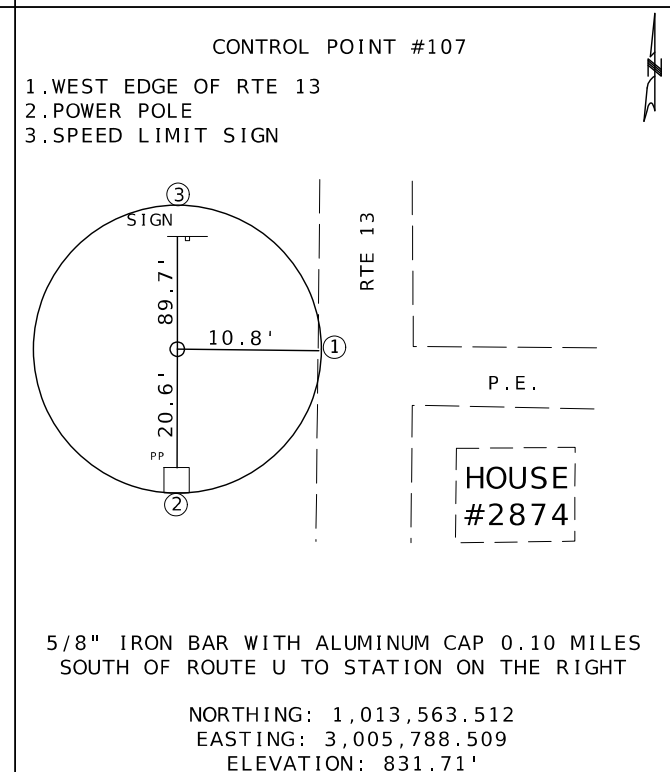
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



REFERENCE POINT
SHEET
SHEET 1 OF 3

[illegible]

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



PROJECT COORDINATE INFORMATION		
COORDINATE SYSTEM	MODIFIED STATE PLANE (GROUND)	
HORIZONTAL DATUM	NAD83	
VERTICAL DATUM	NAVD88	
GEOD MODEL	GEOD09	
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)

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

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-656-MODOT / 1-888-675-6636

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

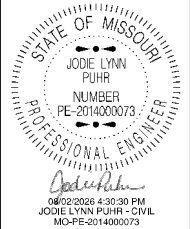
105 WEST CAPITOL

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

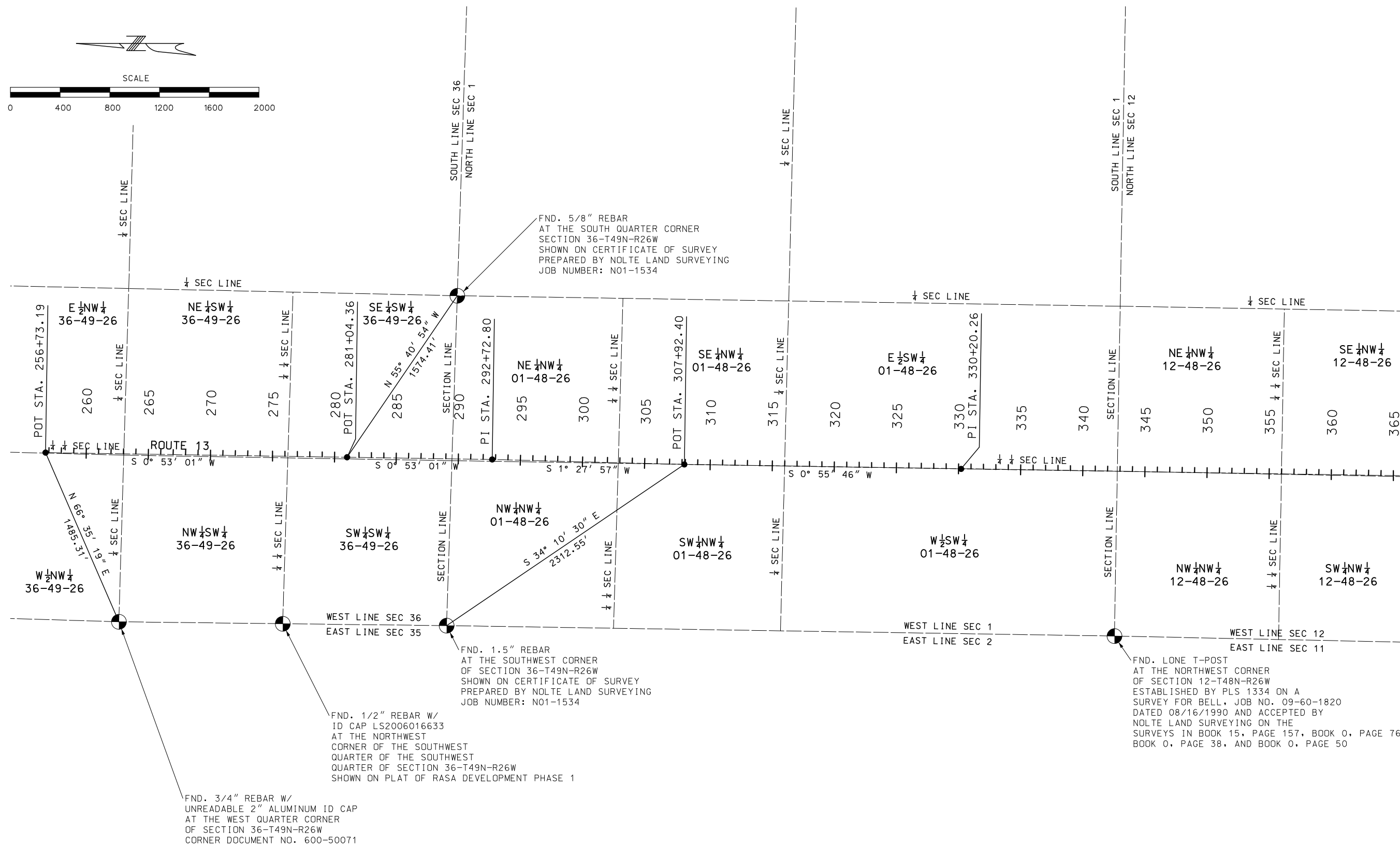
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

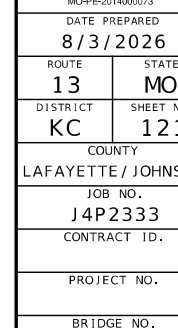
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

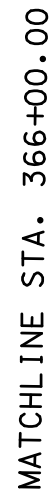
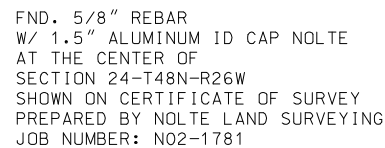
1-888-ASK-MODOT (1-888-273-6636)



MATCHLINE STA. 366+00.00

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



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 CENTER OF
SECTION 24-T48N-R26W
SHOWN ON CERTIFICATE OF SURVEY
PREPARED BY NOLTE LAND SURVEYING
JOB NUMBER: N02-1781

SE $\frac{1}{4}$ NW $\frac{1}{4}$
24-48-26

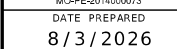
465
PI STA. 466+55.00
PT STA. 468+66.66
010

N 61° 34' 56" E
1448.8

SW $\frac{1}{4}$ NW $\frac{1}{4}$
24-48-26

EQUATION:
STA. 465+93.17 BK =
STA. 466+35.00 AH

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



ROUTE 13	STATE MO
DISTRICT KC	SHEET NO 122

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

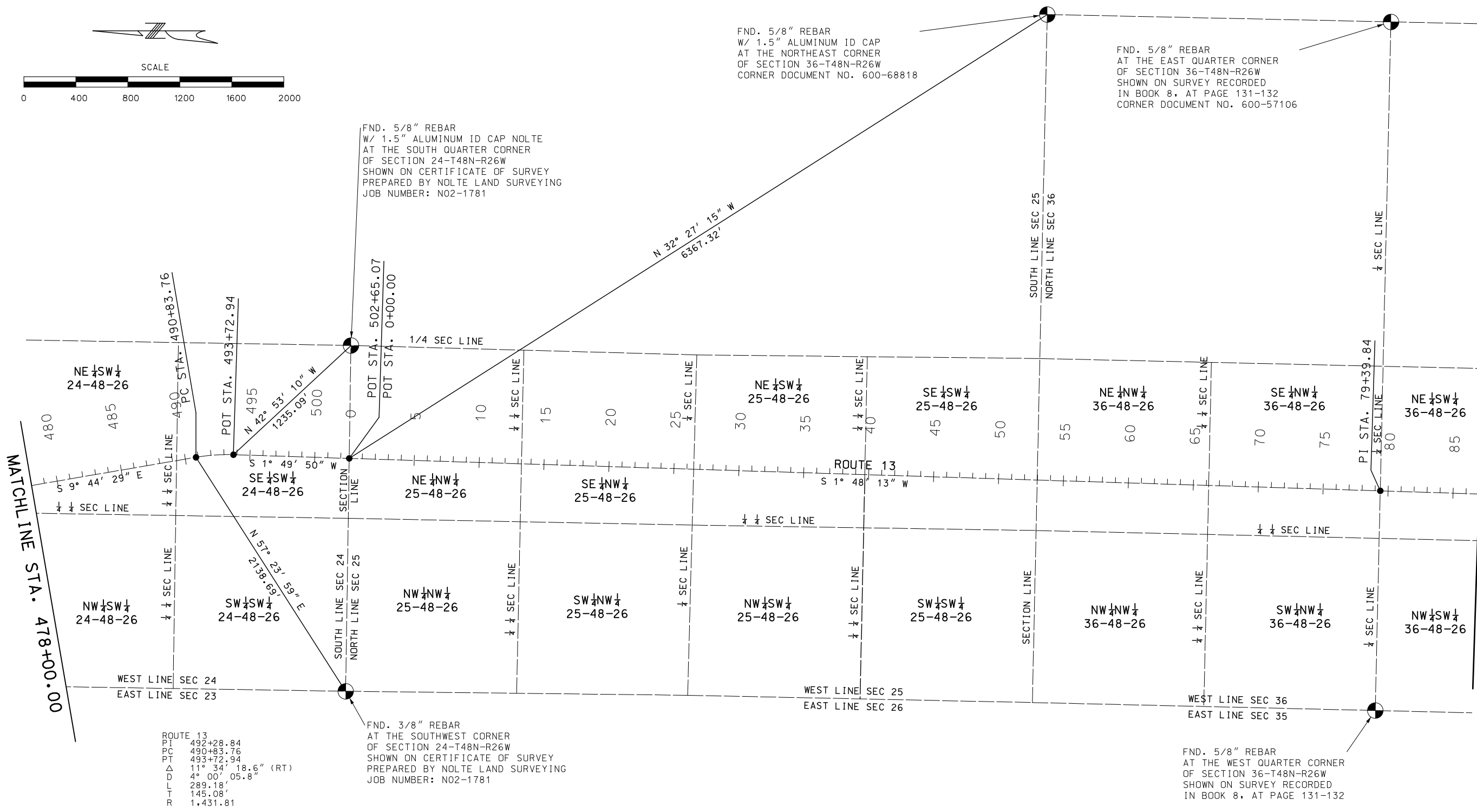
BRIDGE NO.

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MoDOT
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102





FND. 5/8" REBAR
AT THE EAST QUARTER CORNER
OF SECTION 36-T48N-R26W
SHOWN ON SURVEY RECORDED
IN BOOK 8, AT PAGE 131-132
CORNER DOCUMENT NO. 600-57106

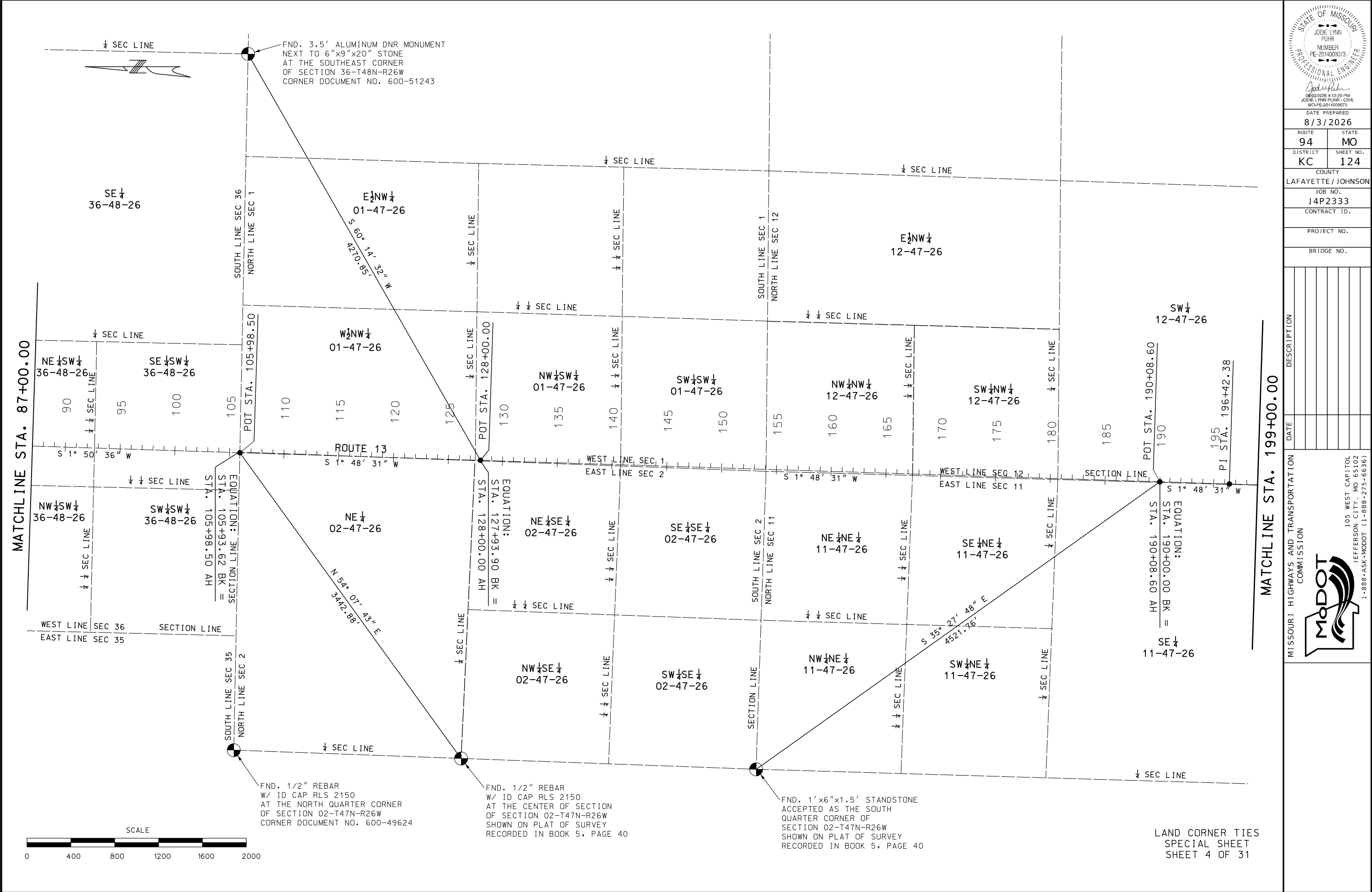
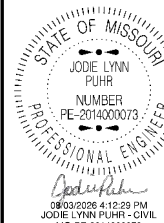
FND. 5/8" REBAR
W/ 1.5" ALUMINUM ID CAP NOLTE
AT THE SOUTH QUARTER CORNER
OF SECTION 24-T48N-R26W
SHOWN ON CERTIFICATE OF SURVEY
PREPARED BY NOLTE LAND SURVEYING
JOB NUMBER: N02-1781

FND. 3/8" REBAR
 AT THE SOUTHWEST CORNER
 OF SECTION 24-T48N-R26W
 SHOWN ON CERTIFICATE OF SURVEY
 PREPARED BY NOLTE LAND SURVEYING
 JOB NUMBER: N02-1781

FND. 5/8" REBAR
AT THE WEST QUARTER CORNER
OF SECTION 36-T48N-R26W
SHOWN ON SURVEY RECORDED
IN BOOK 8, AT PAGE 131-132

LAND CORNER TIES
SPECIAL SHEET
SHEET 3 OF 31

DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 123
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
8/3/2026

ROUTE 94
DISTRICT KC
STATE MO
SHEET NO. 124

COUNTY
LAFAYETTE / JOHNSON

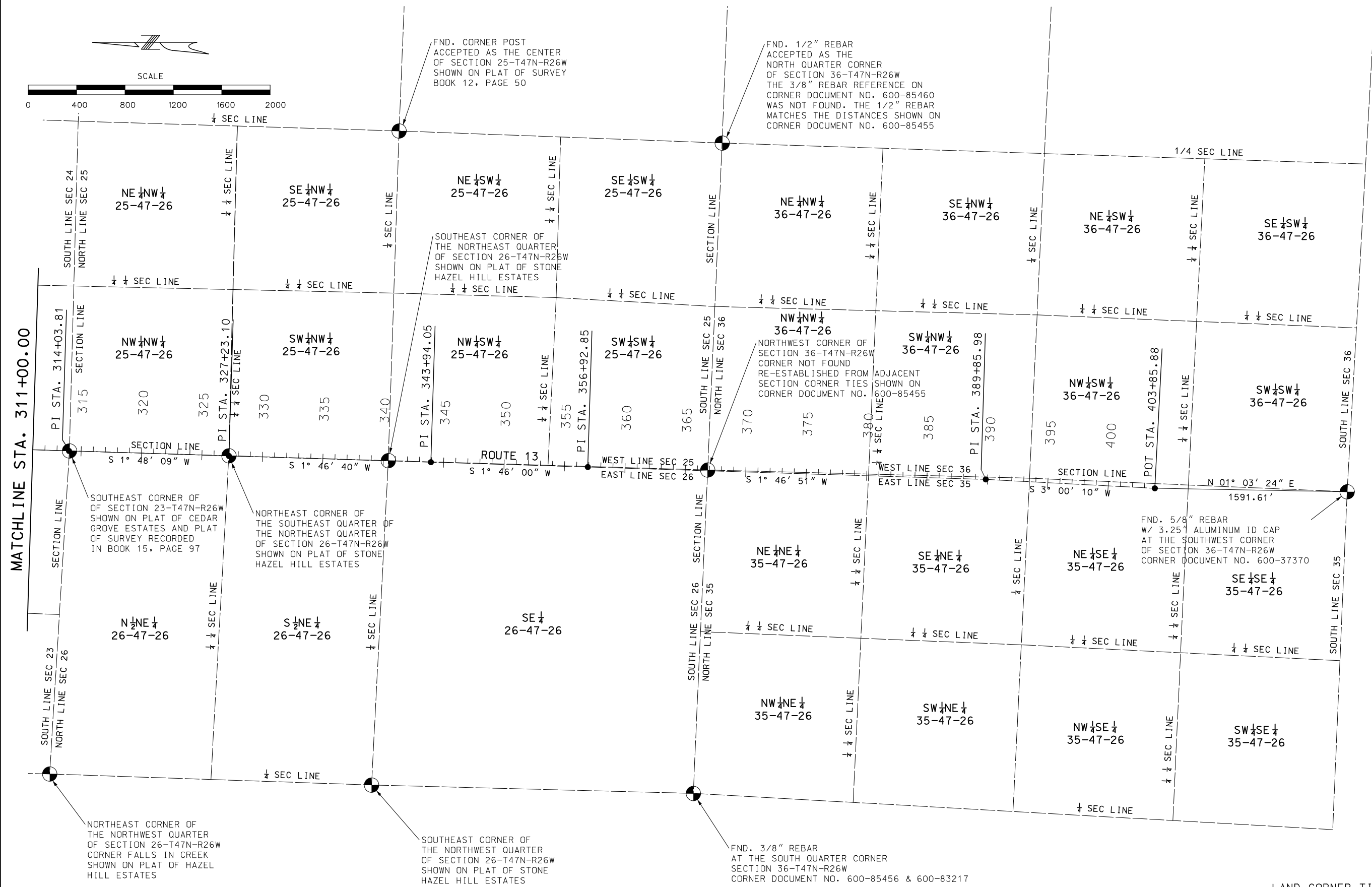
JOB NO.
J4P2333
CONTRACT ID.

PROJECT NO.

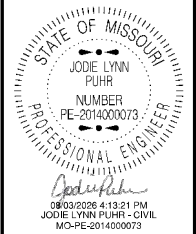
BRIDGE NO.

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

LAND CORNER TIES
SPECIAL SHEET
SHEET 4 OF 31



LAND CORNER TIES
SPECIAL SHEET
SHEET 6 OF 31



DATE PREPARED
8/3/2026

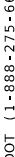
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 126

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333
CONTRACT ID.

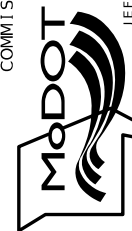
PROJECT NO.

BRIDGE NO.

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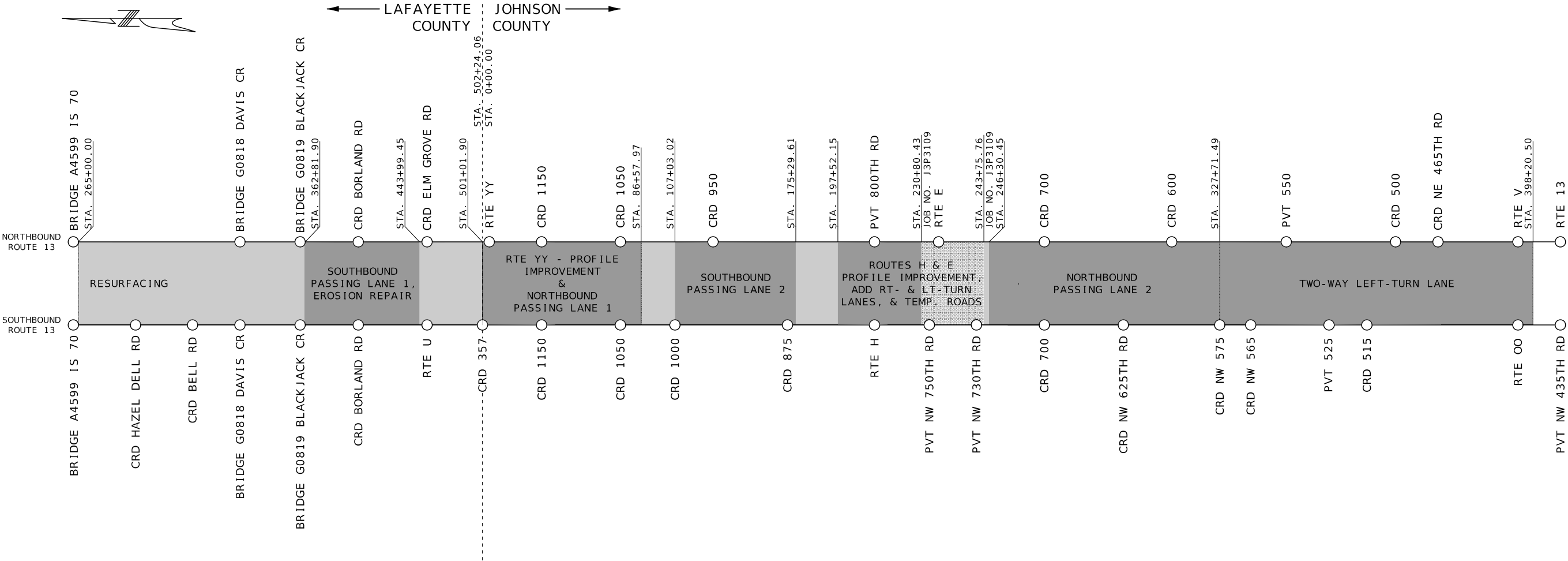
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



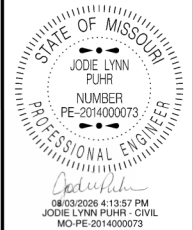
ROUTE 13 TRAVELWAY LINE DIAGRAM

ALL STATIONING IN ACCORDANCE
WITH CONS'T B ROUTE 13



NOT TO SCALE

SPECIAL SHEET
PAVEMENT TRANSITIONS
SHEET 7 OF 31

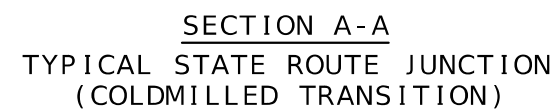
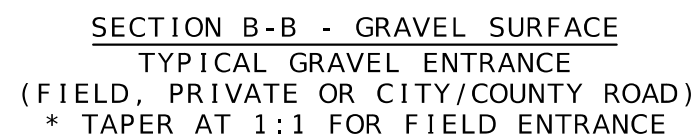
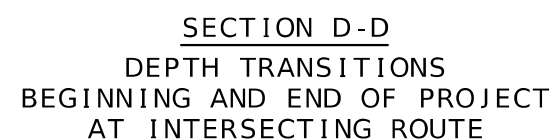
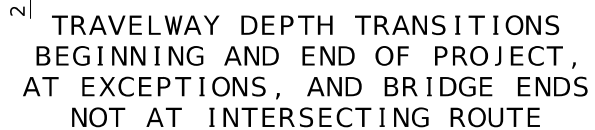
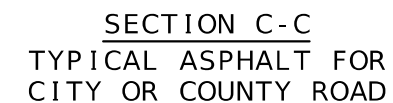
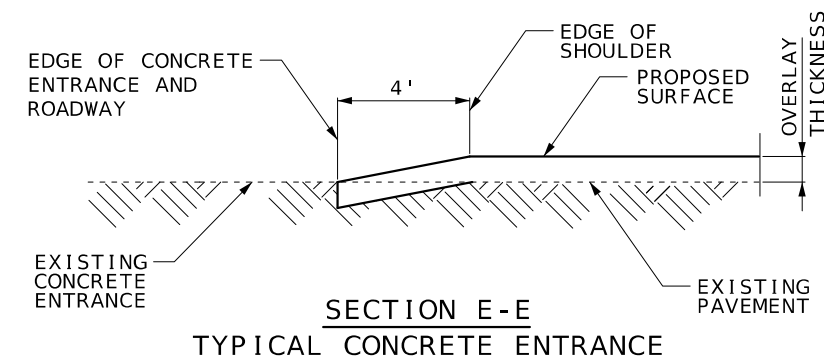


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 127
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

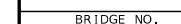
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

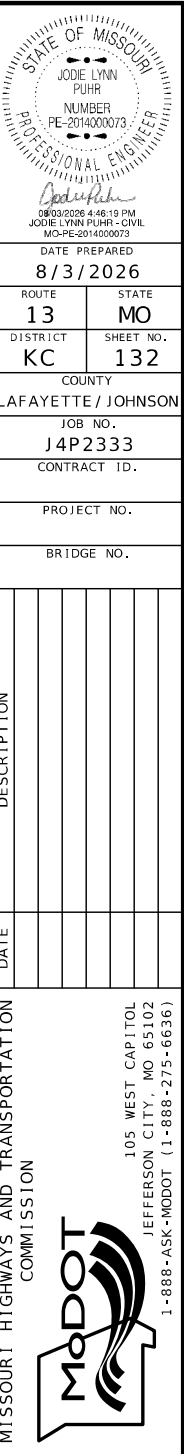


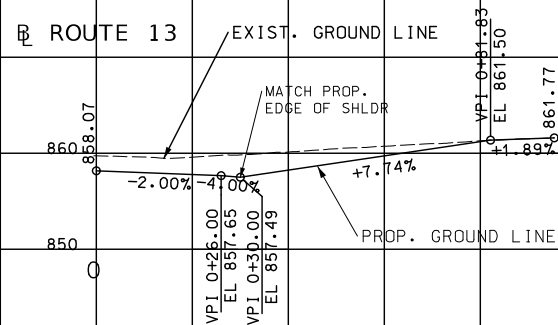
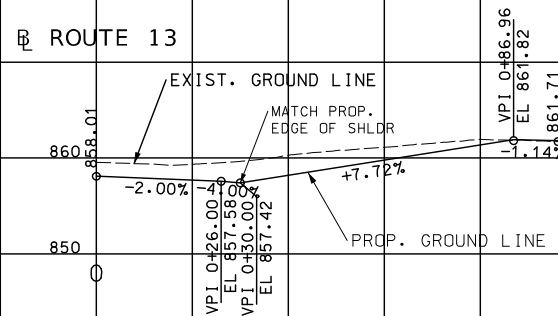
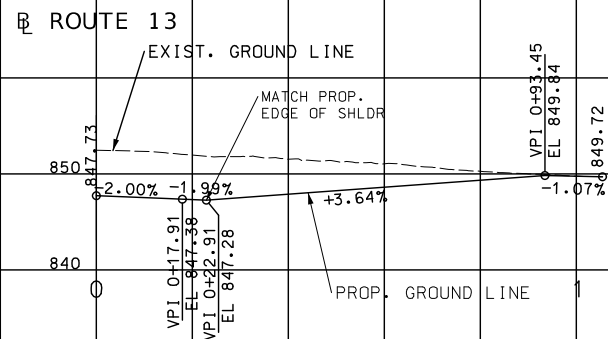
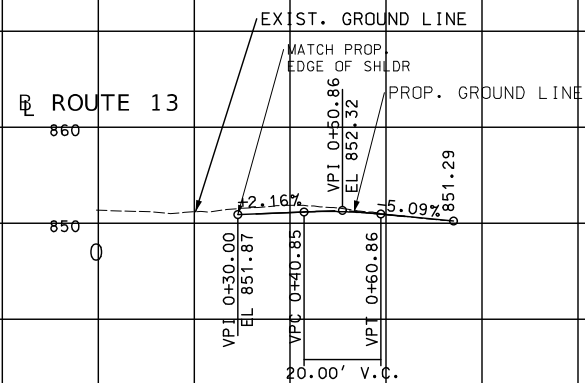
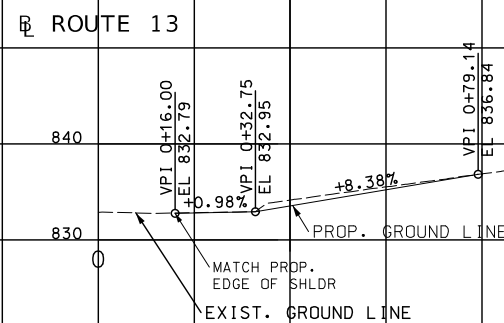
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102



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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

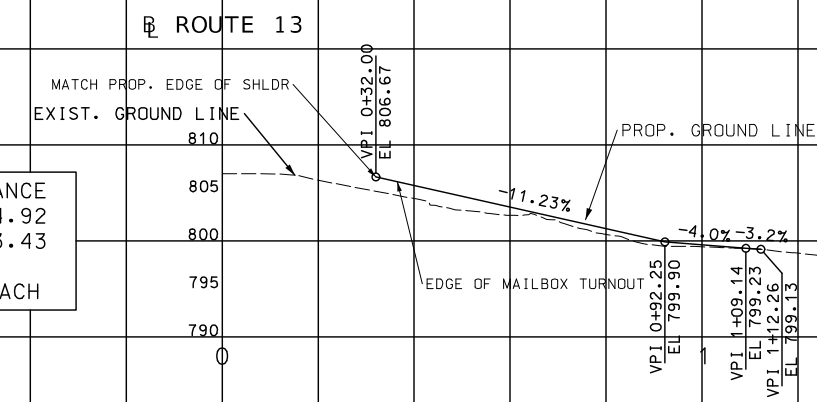
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

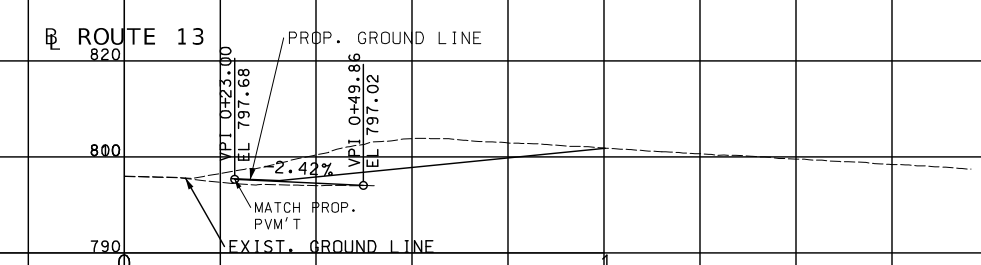
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

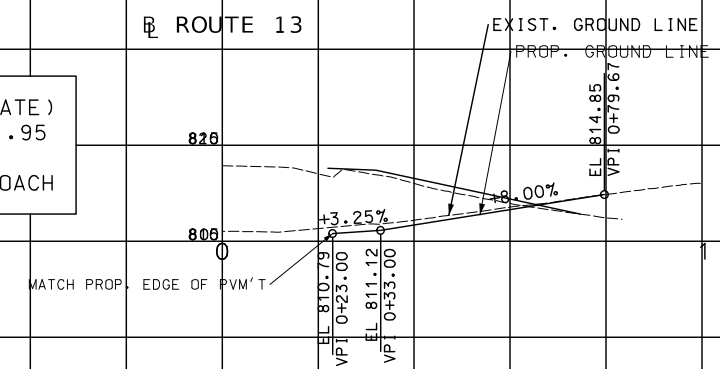
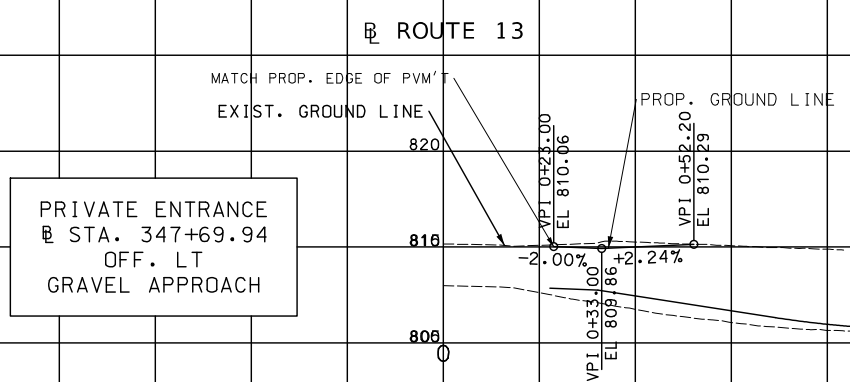
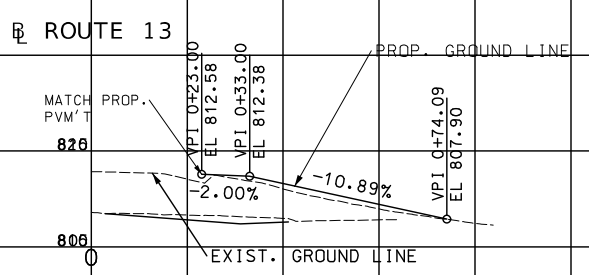
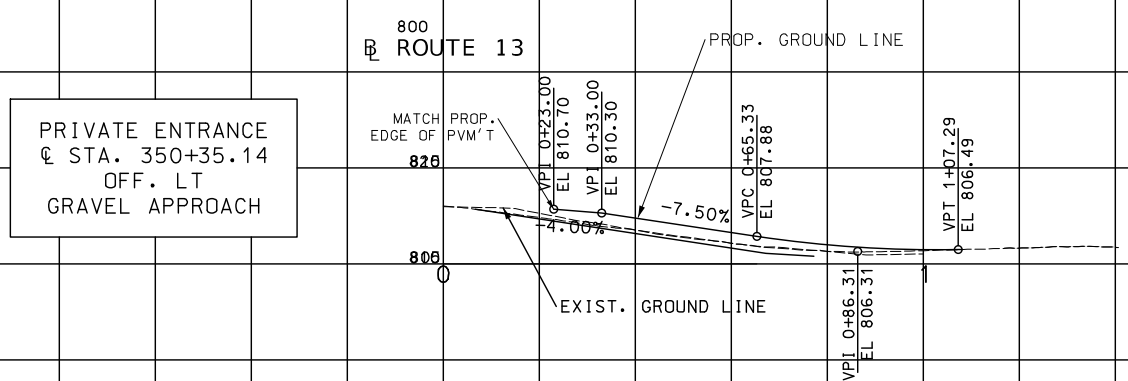
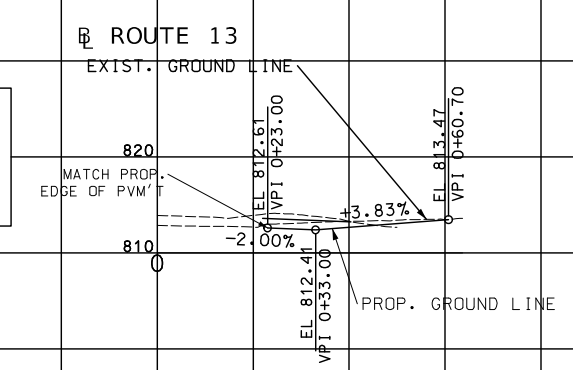
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



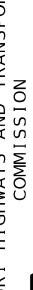
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

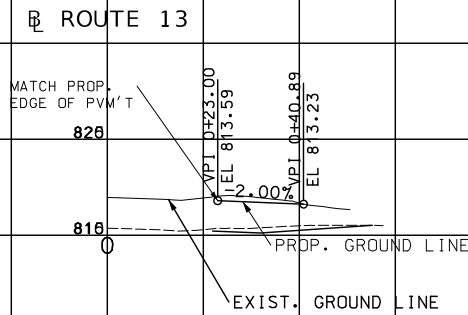
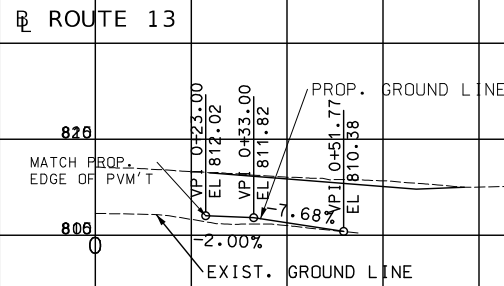
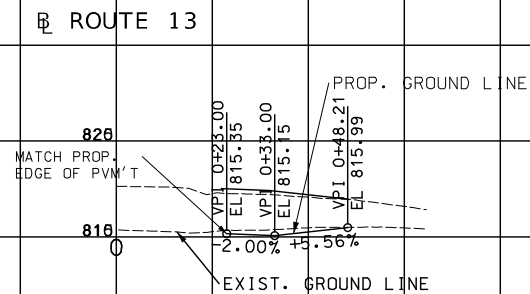
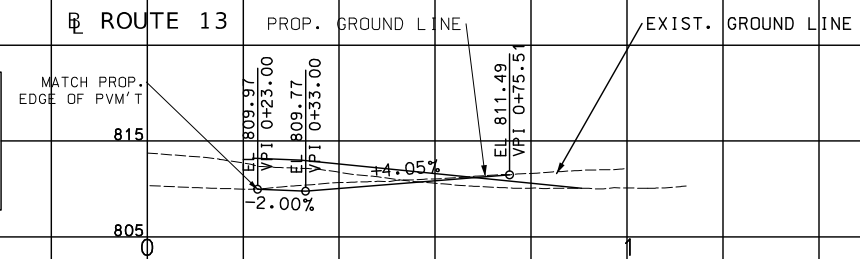
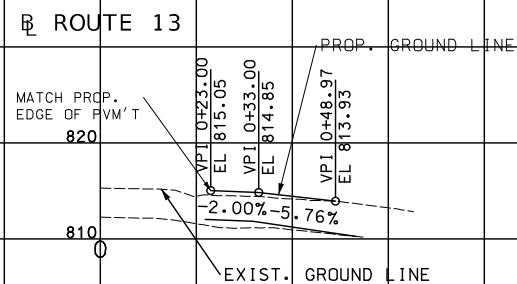
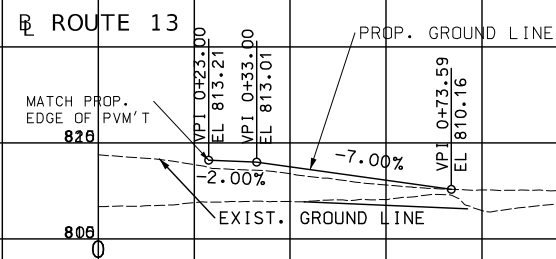
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)





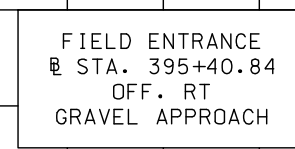
SPECIAL SHEET
ENTRANCE PROFILE
SHEET 17 OF 31

	
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)	

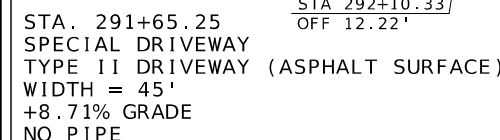
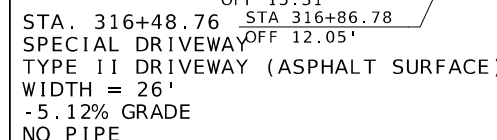
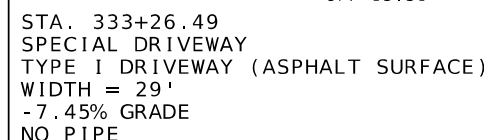
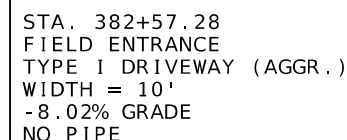
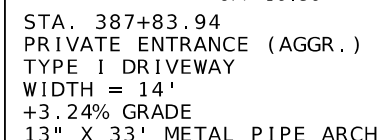
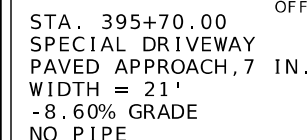
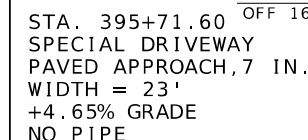
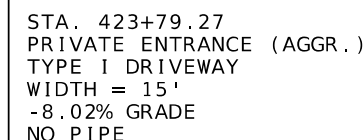
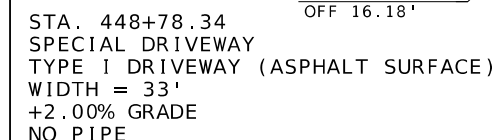
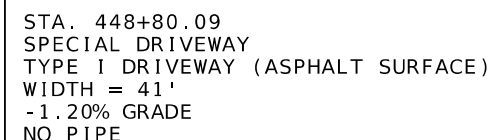
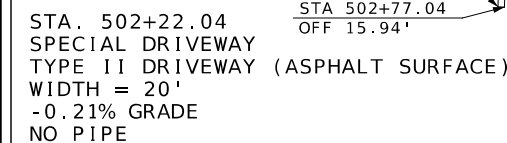
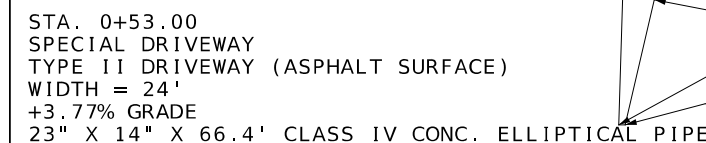
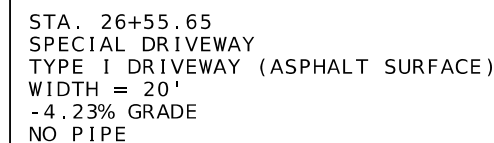
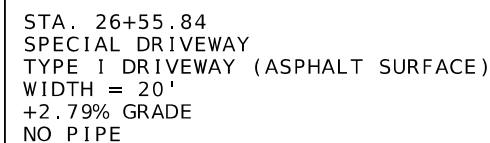
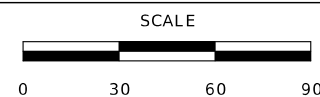


SPECIAL SHEET
ENTRANCE PROFILE
SHEET 18 OF 31

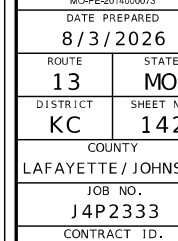
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SPECIAL SHEET
ENTRANCE PROFILE
SHEET 21 OF 31



SPECIAL SHEET
ENTRANCE DETAIL
SHEET 22 OF 31

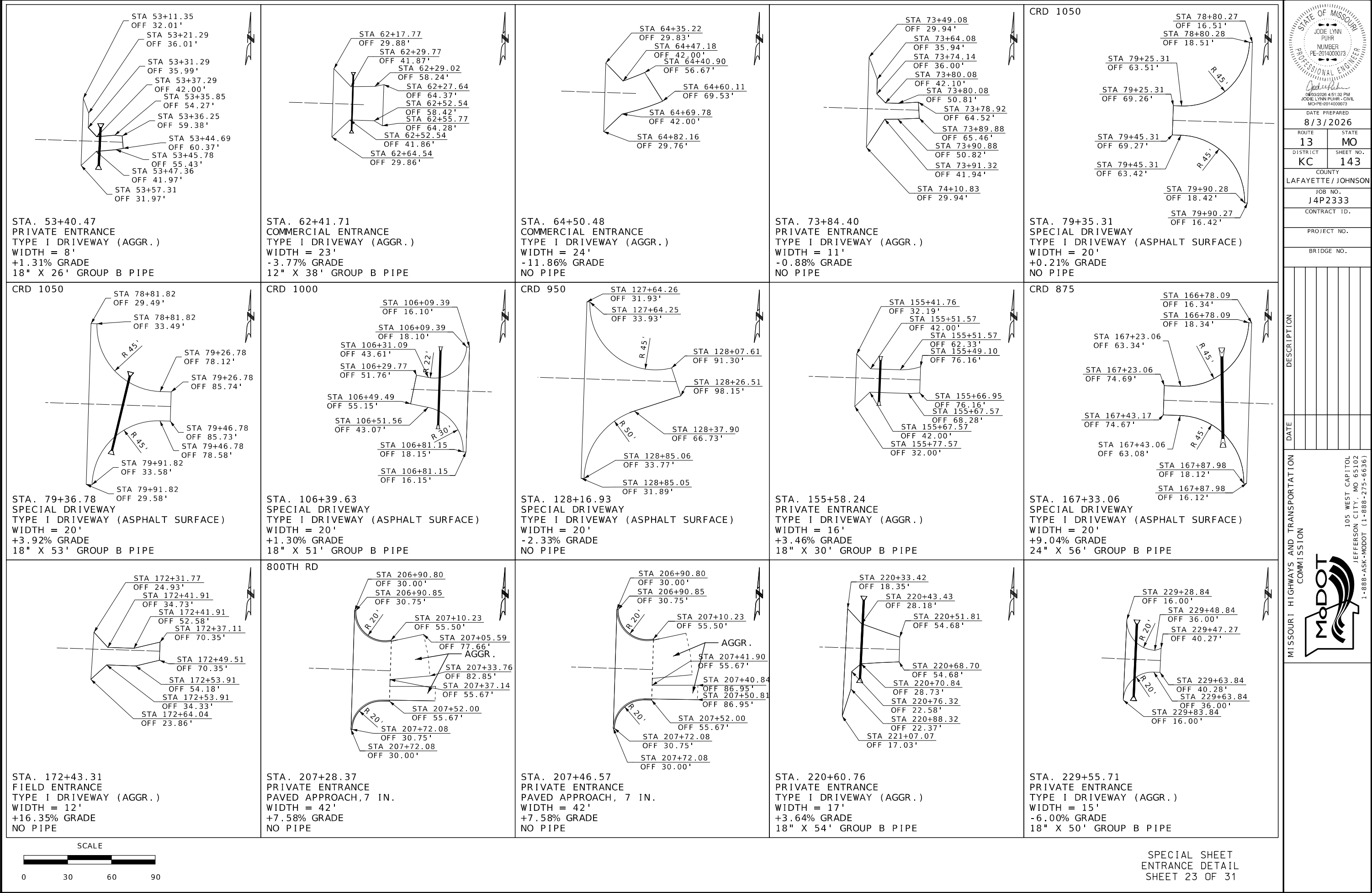
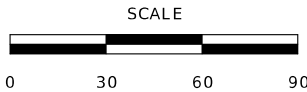


	PROJECT NO.
	BRIDGE NO.

[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

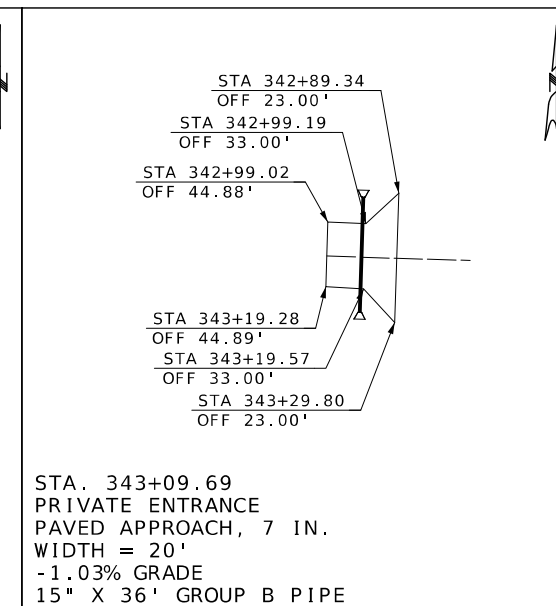
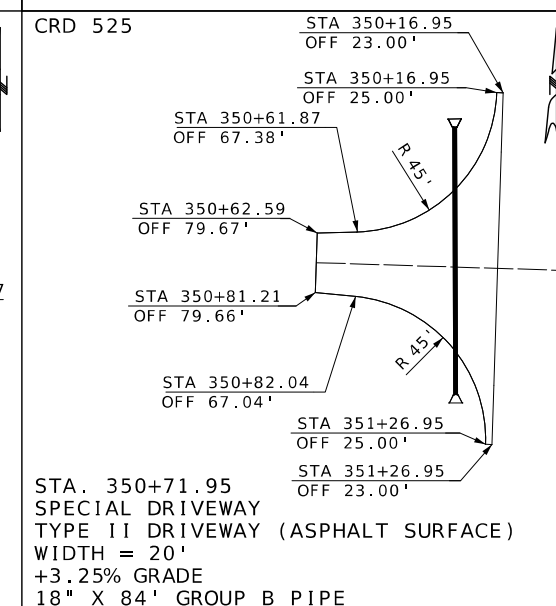
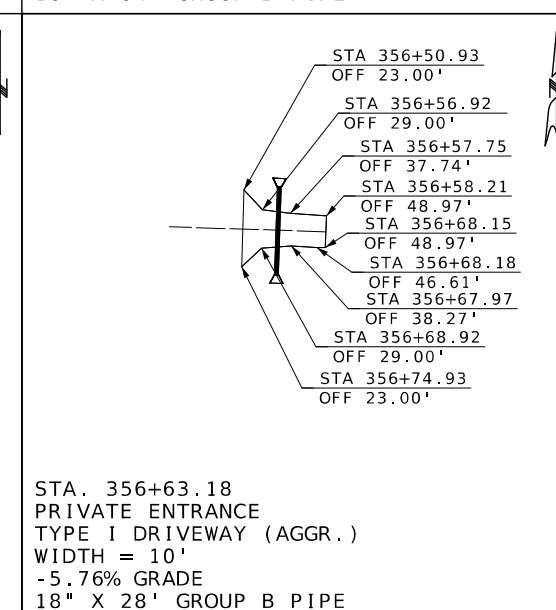
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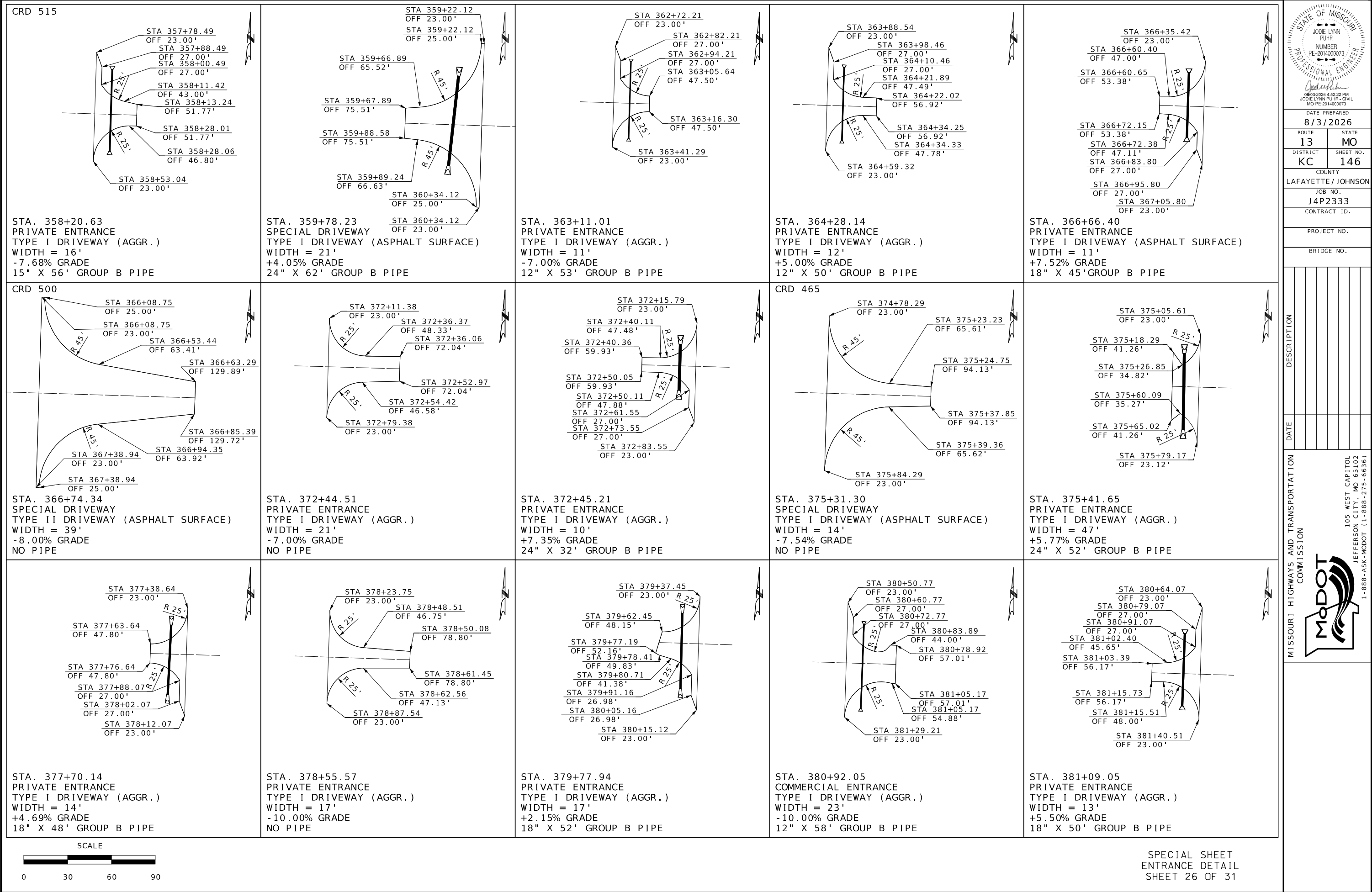
PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

[illegible]



STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/03/2026 4:52:22 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
8/3/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
146

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

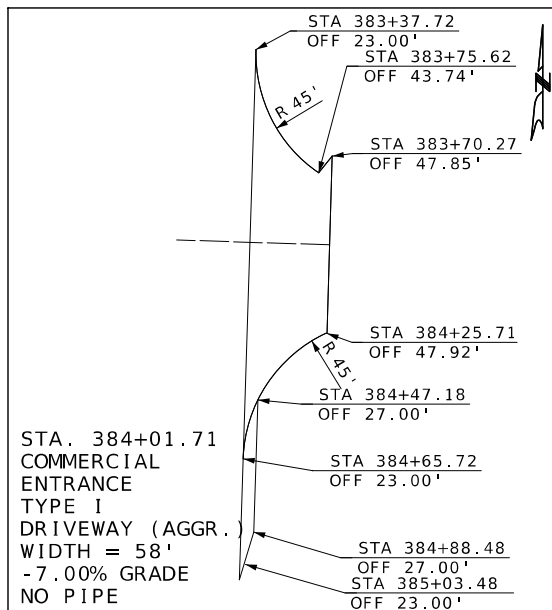
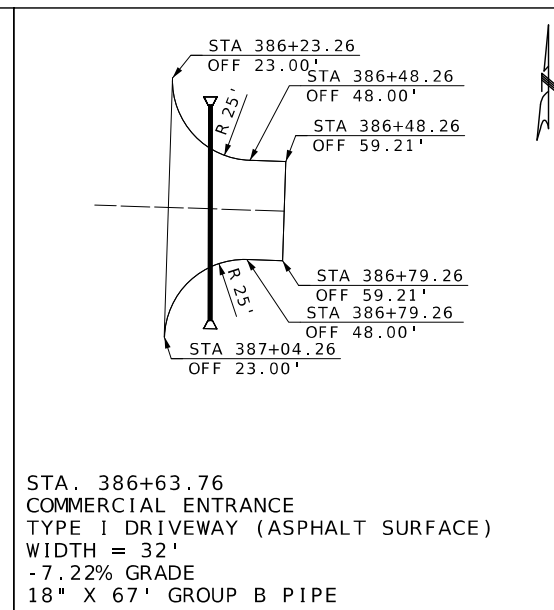
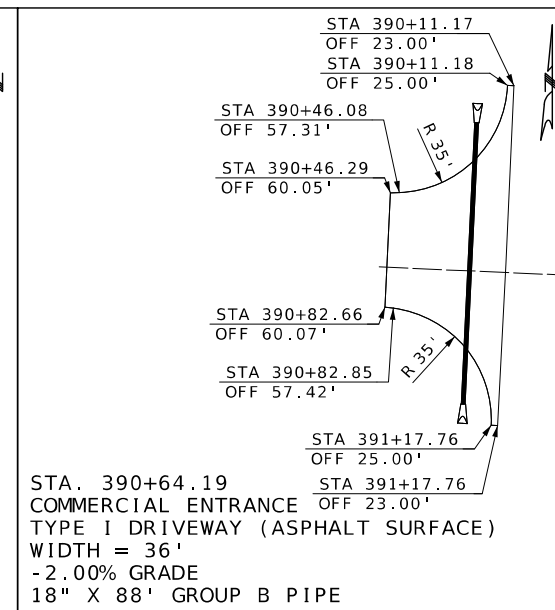
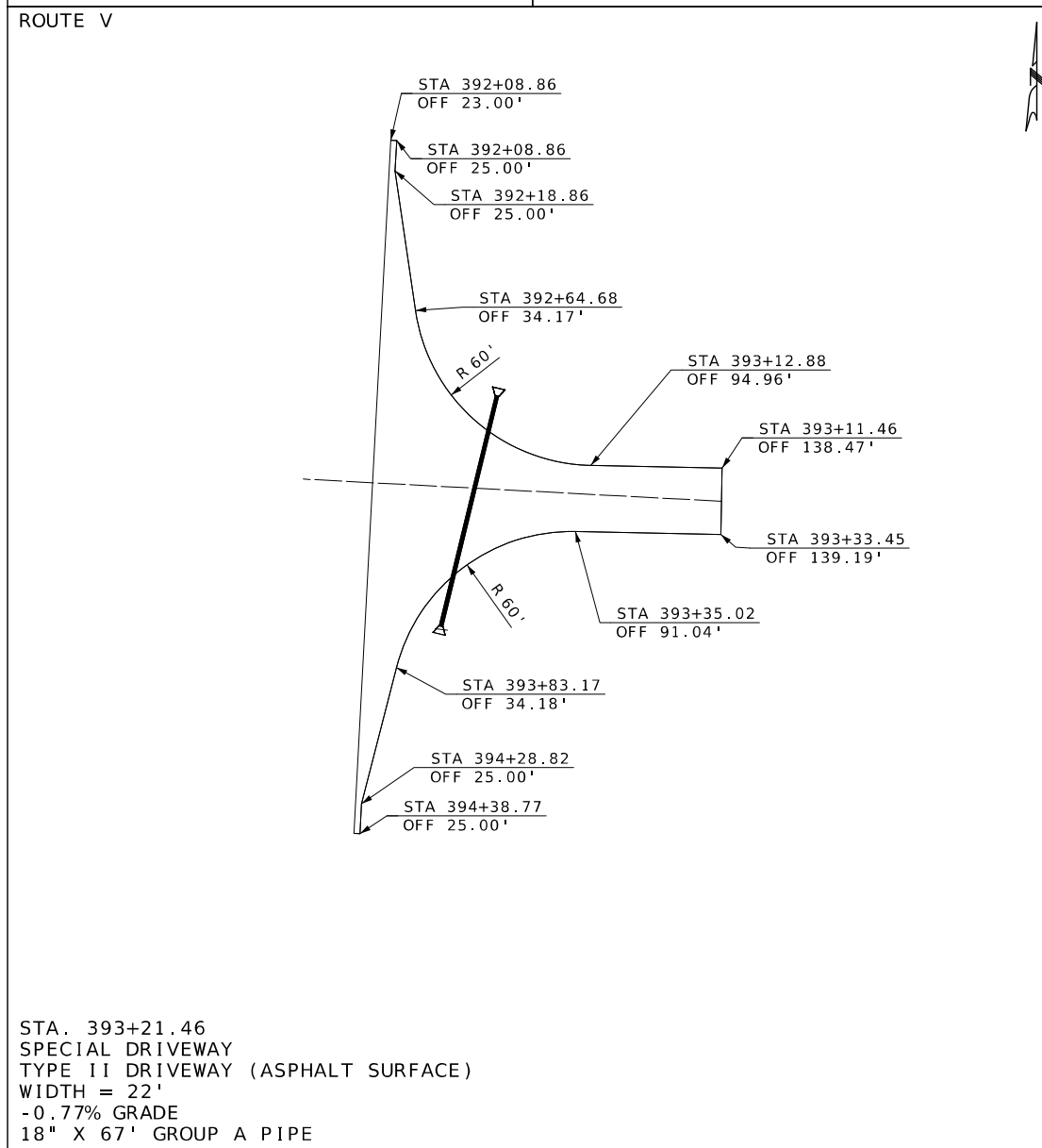
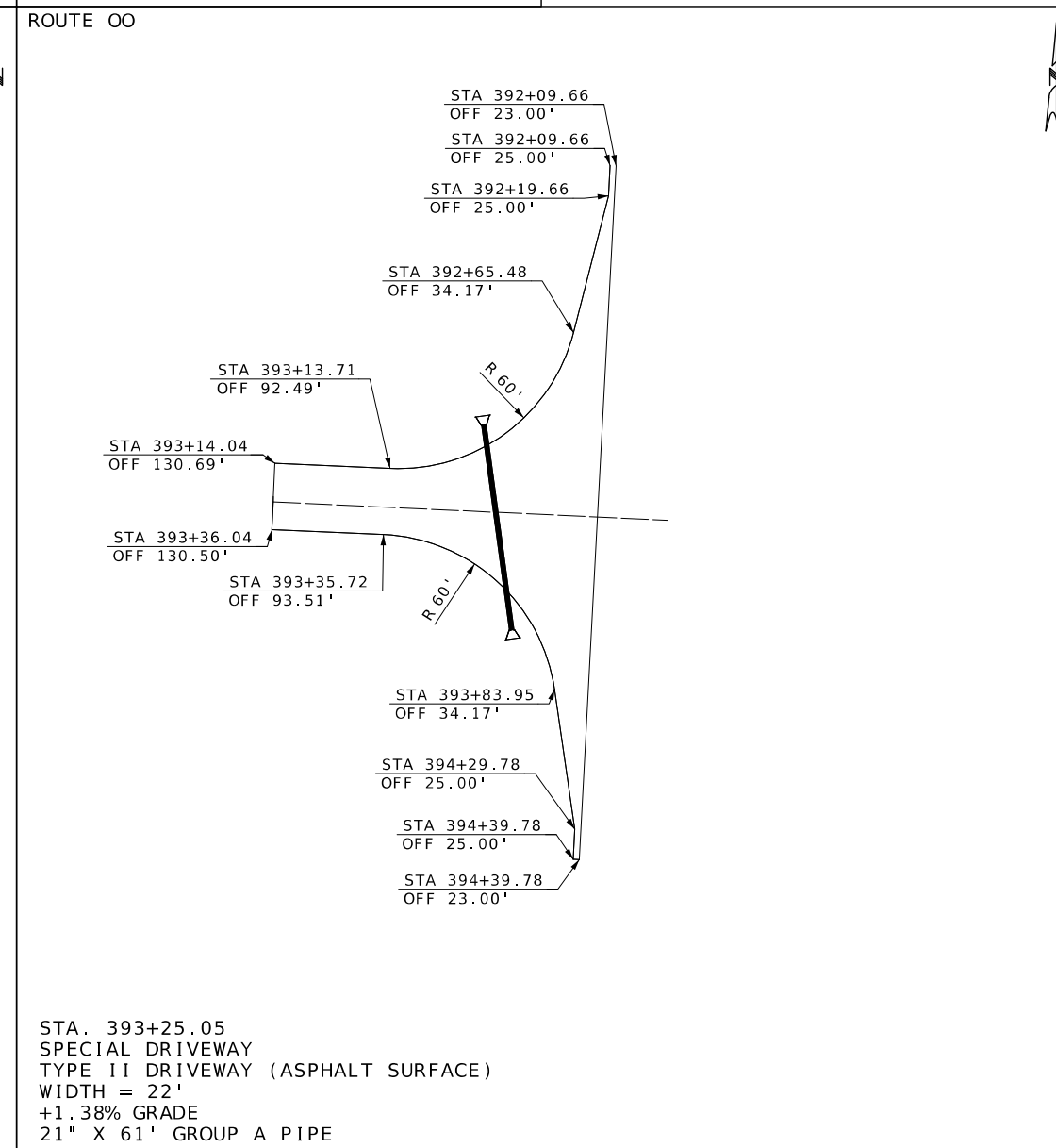
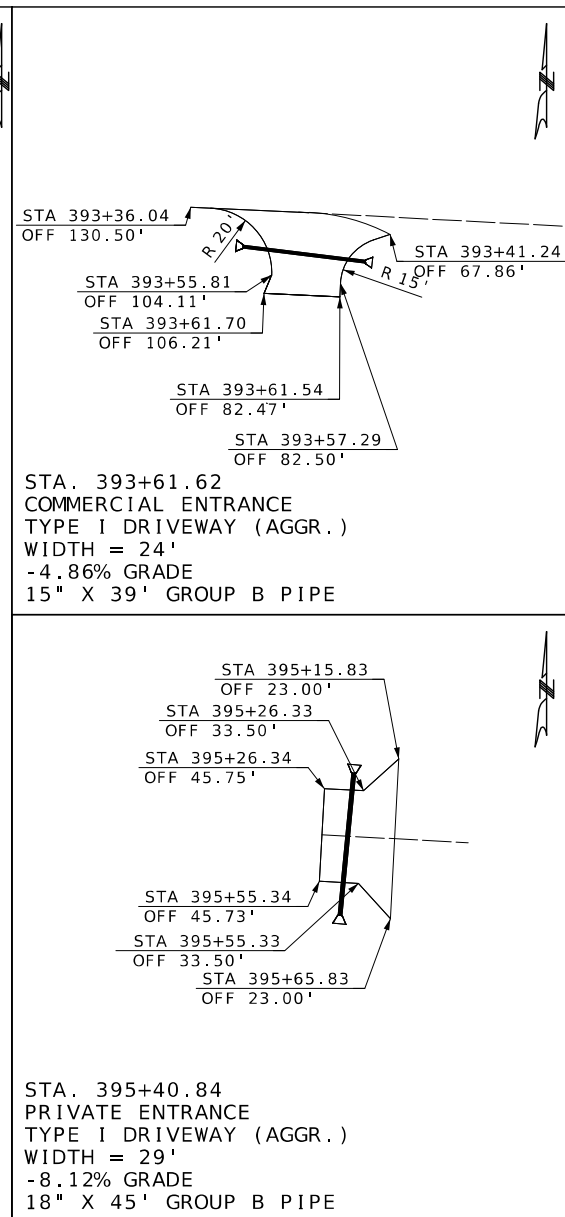
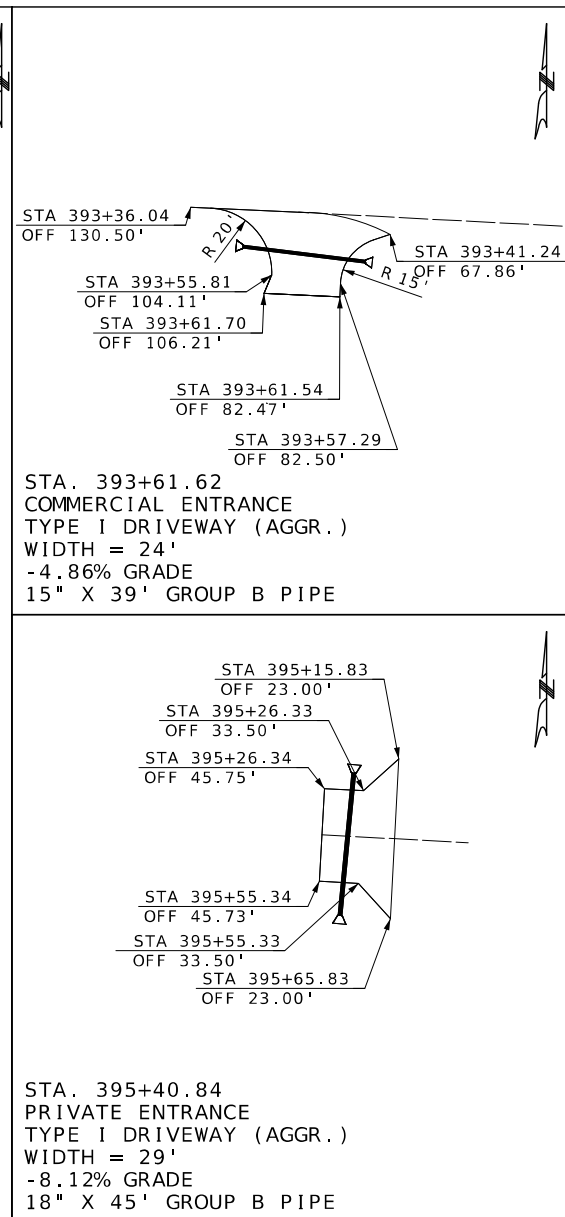
BRIDGE NO.

DESCRIPTION

DATE

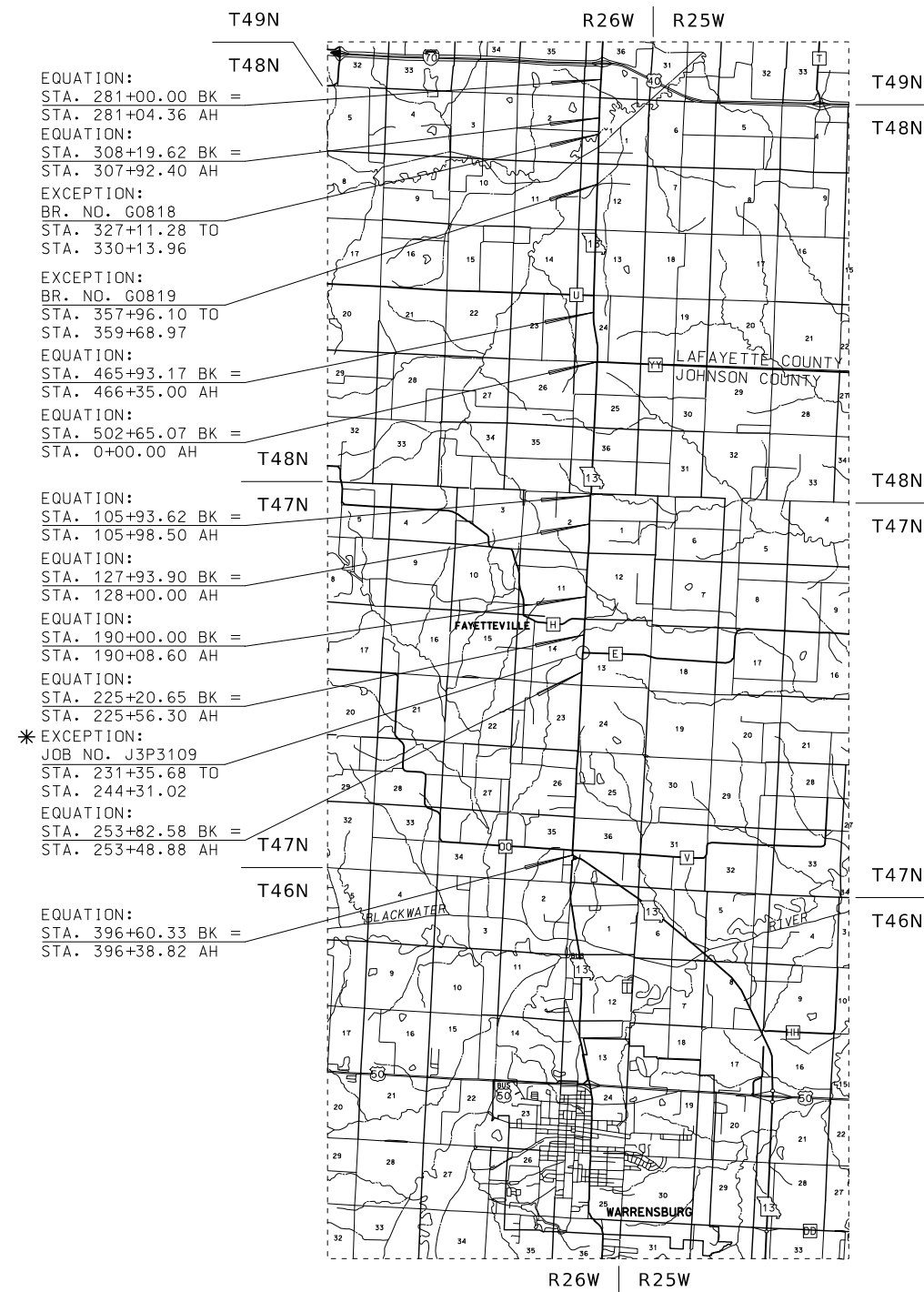
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SPECIAL SHEET
ENTRANCE DETAIL
SHEET 27 OF 31

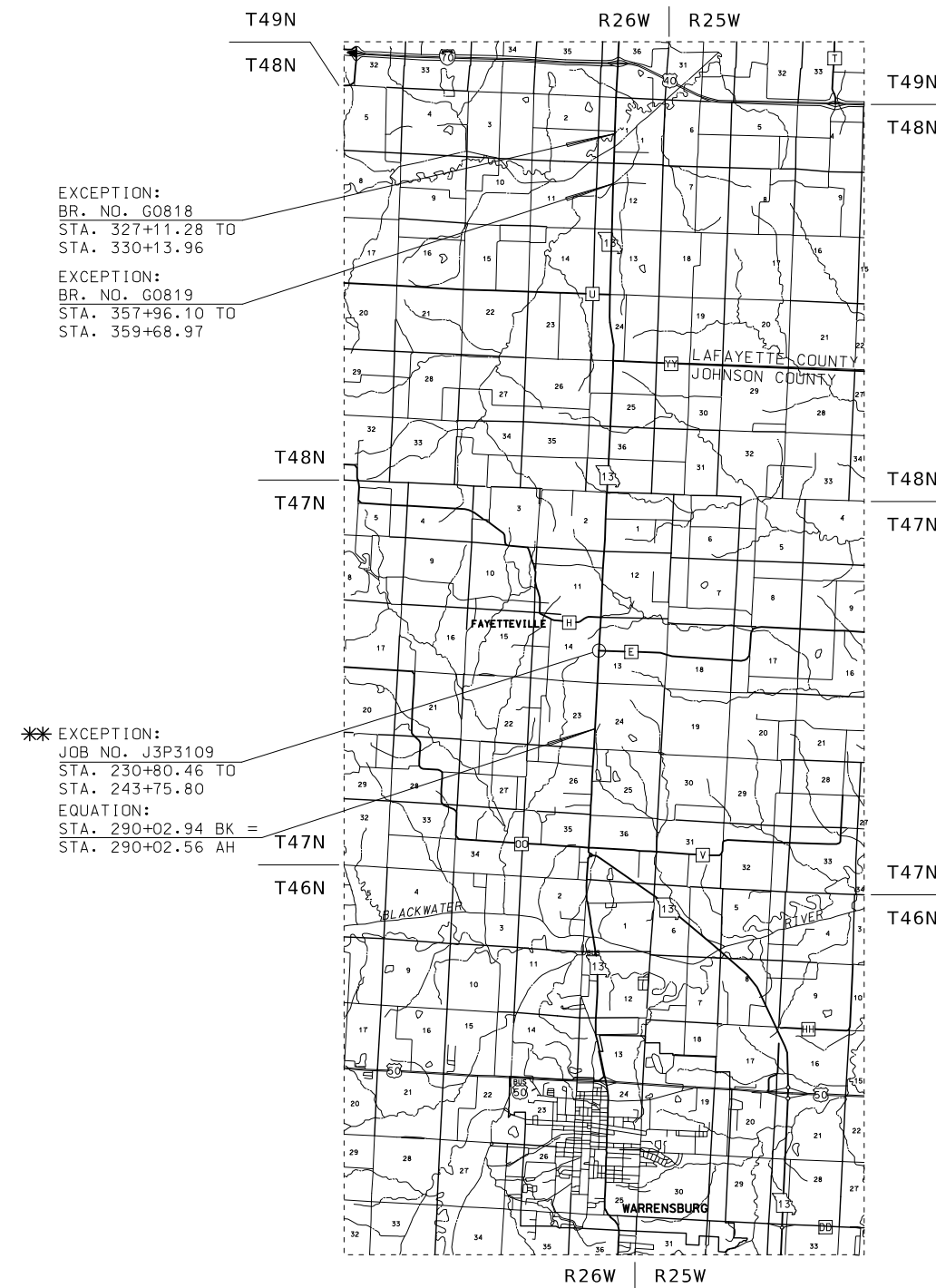
SURVEY @ ROUTE 13



*	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

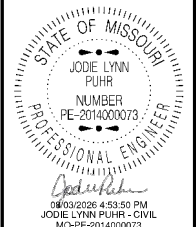
NOT TO SCALE

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.

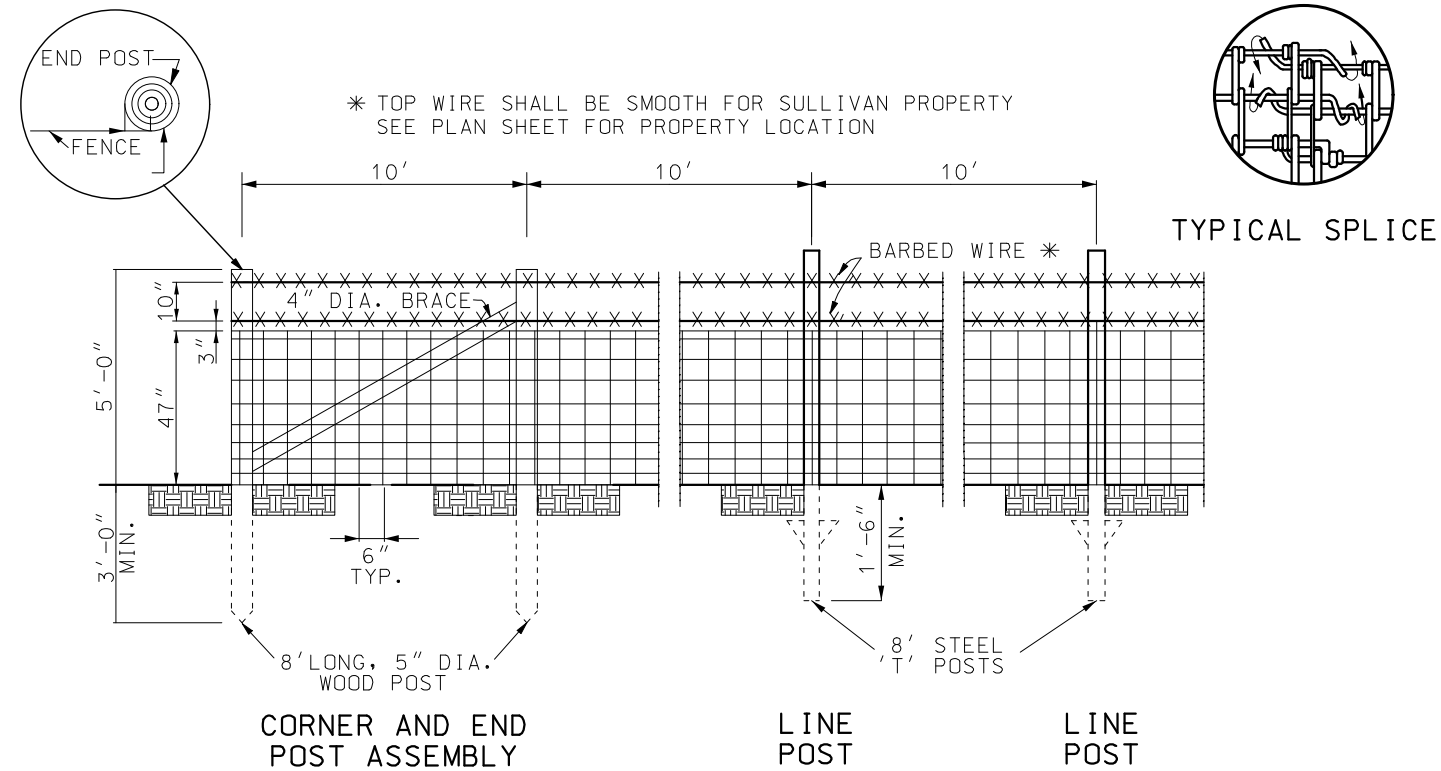
PROJECT NO.

BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

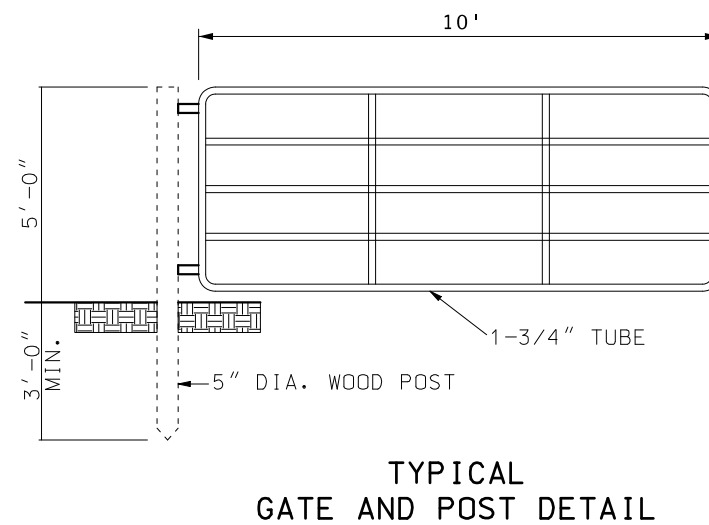
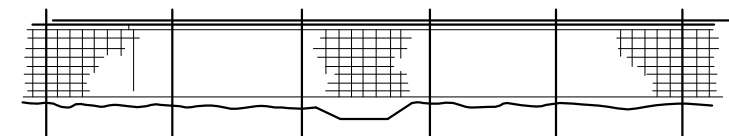
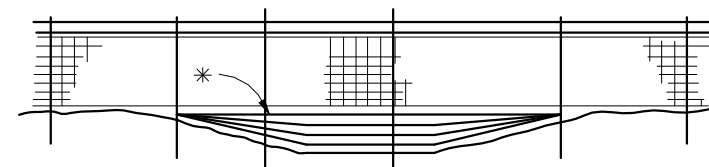
105 WEST CAPITOL
JEFFERSON CITY, MO 65102



NOTES:

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

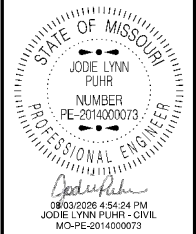
GATES SHALL BE INCLUDED IN THE PAYMENT FOR TEMPORARY FENCE
SEE QUANTITY SHEETS FOR GATE LOCATIONS



* FENCE OR BARBED WIRE
(6" MAX. SPACING)

NOT TO SCALE

SPECIAL SHEET
TEMPORARY
FENCE DETAIL
SHEET 30 OF 31



DATE PREPARED	
8/3/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	150
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)



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
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1-12" X 18' RCP

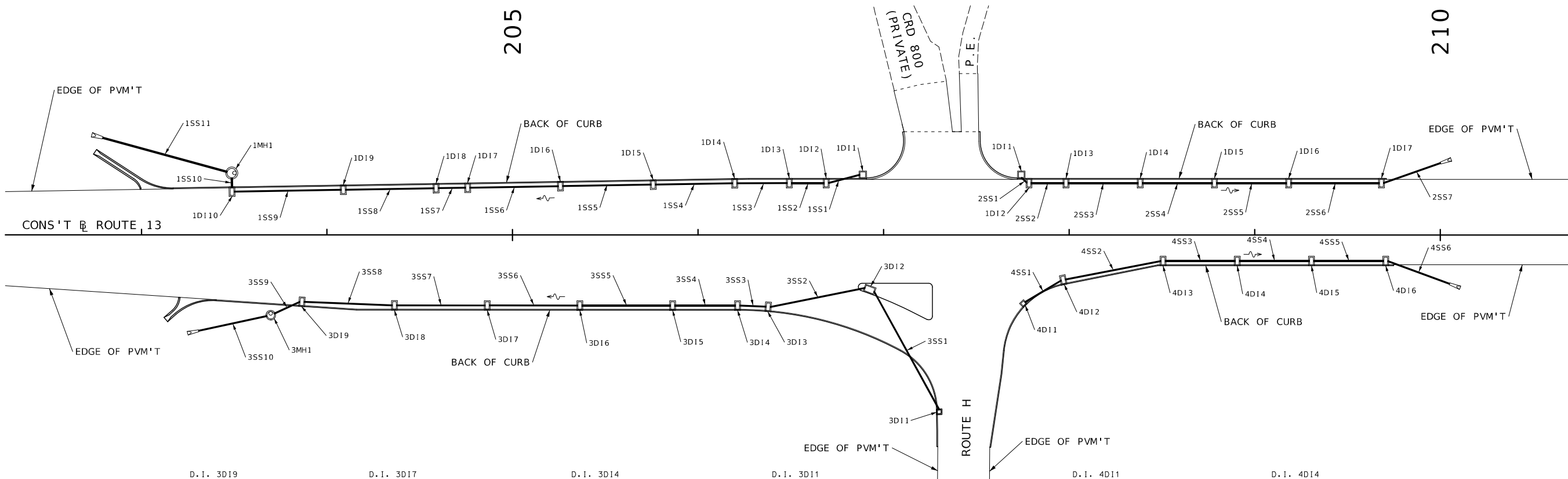
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1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 2SS3
STA 208+18.36, 28' LT
1-12" X 38' RCP

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

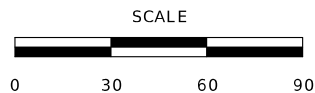
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1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 2SS5
STA 208+98.36, 28' LT
1-12" X 38' RCP

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

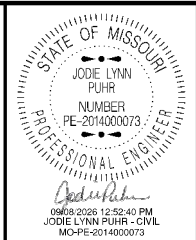
D.I. 2D17
STA 209+68.36, 30' LT
1-4' X 2' PC TYPE A INLET
2-12" OPENINGS
PIPE 2SS7
STA 208+84.80, 33.4' LT
1-12" X 32.9' RCP



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

STATE
MO

DISTRICT
KC

SHEET NO.
151

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 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

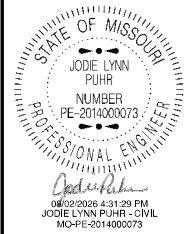
■ CHANNELIZER

E BARRICADE

CHANGEABLE MESSAGE BOARD

TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL

DEVICE SPACING
TRAFFIC CONTROL SHEET
SHEET 1 OF 66

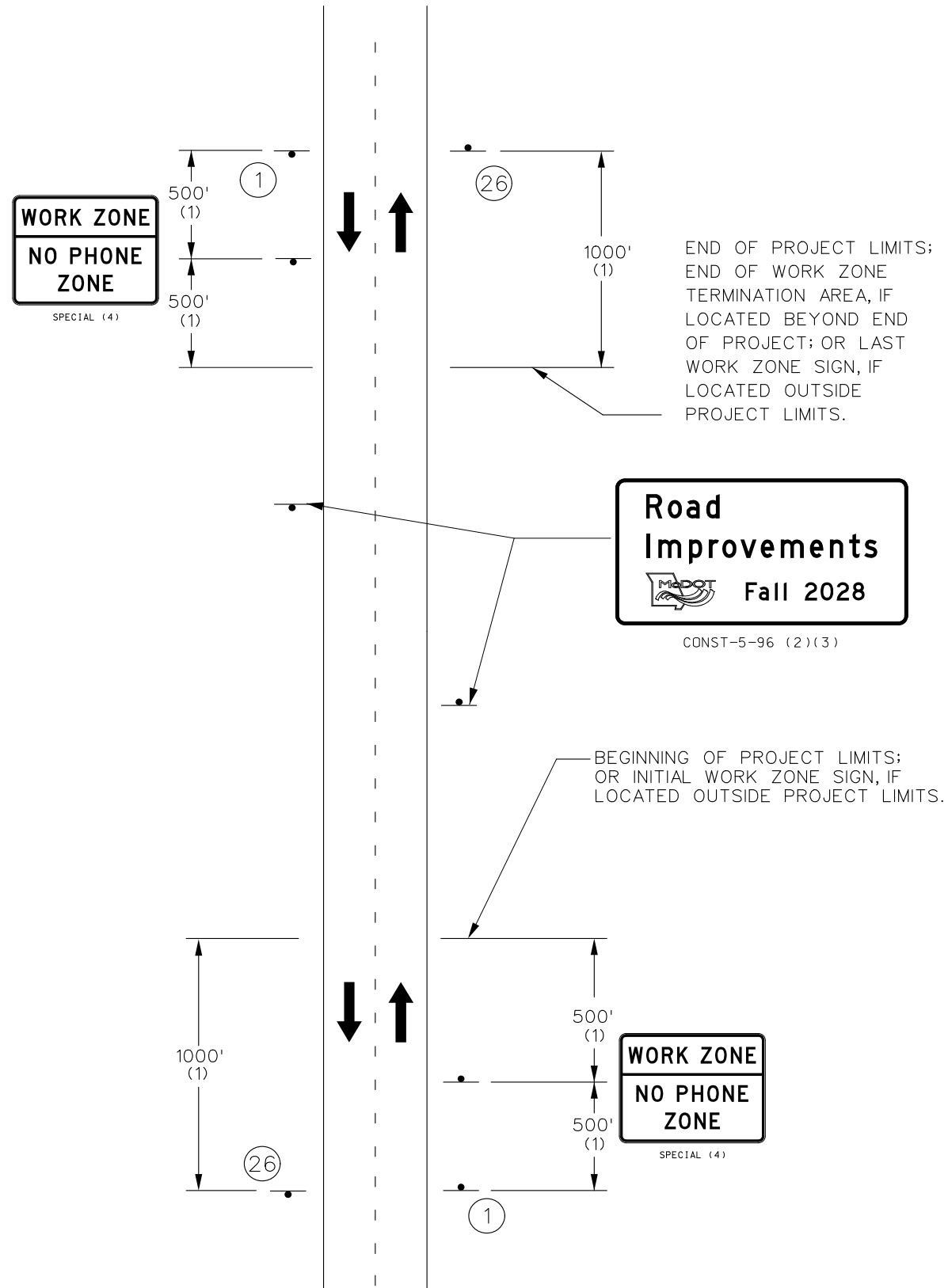


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 152
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE



REV.



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.

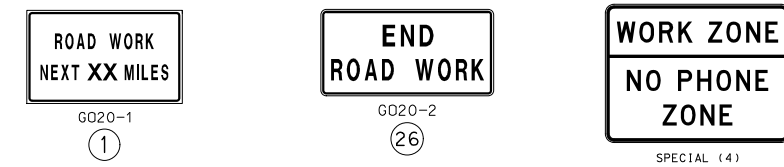
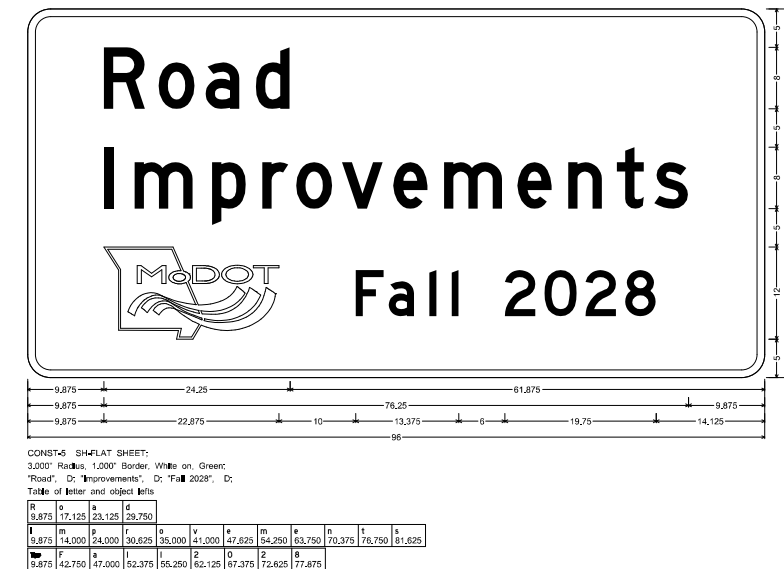
ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

(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.

(3) THE "POINT OF PRESENCE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITION. THE 48 IN. X 36 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT RIGHT OF WAY FOR AN EIGHT FOOT WIDE SIGN. THE 96 IN. X 48 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS. BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. X 36 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

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



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

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
153

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

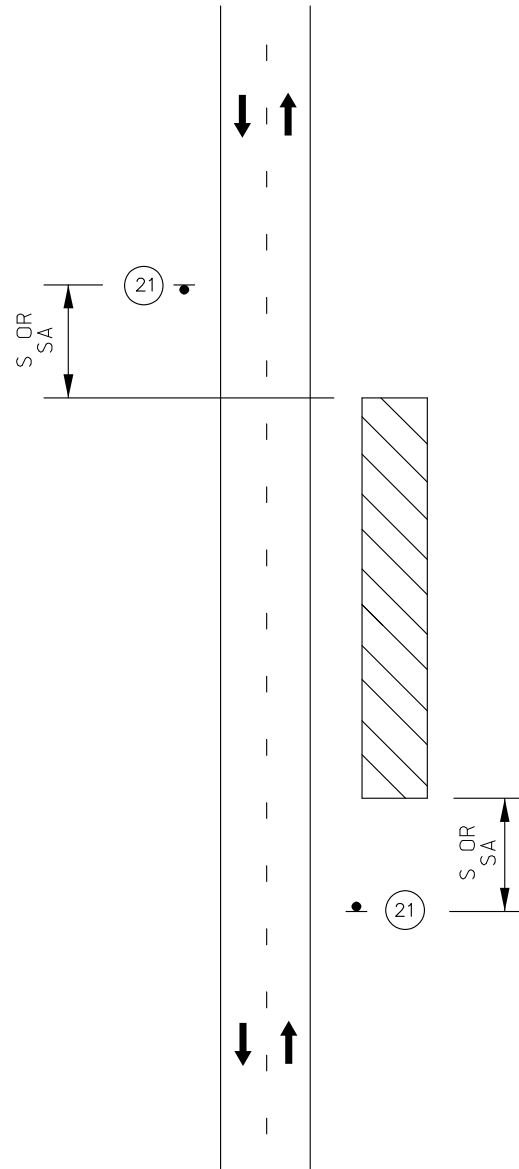
BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



WORK BEYOND SHOULDER

NOTES:

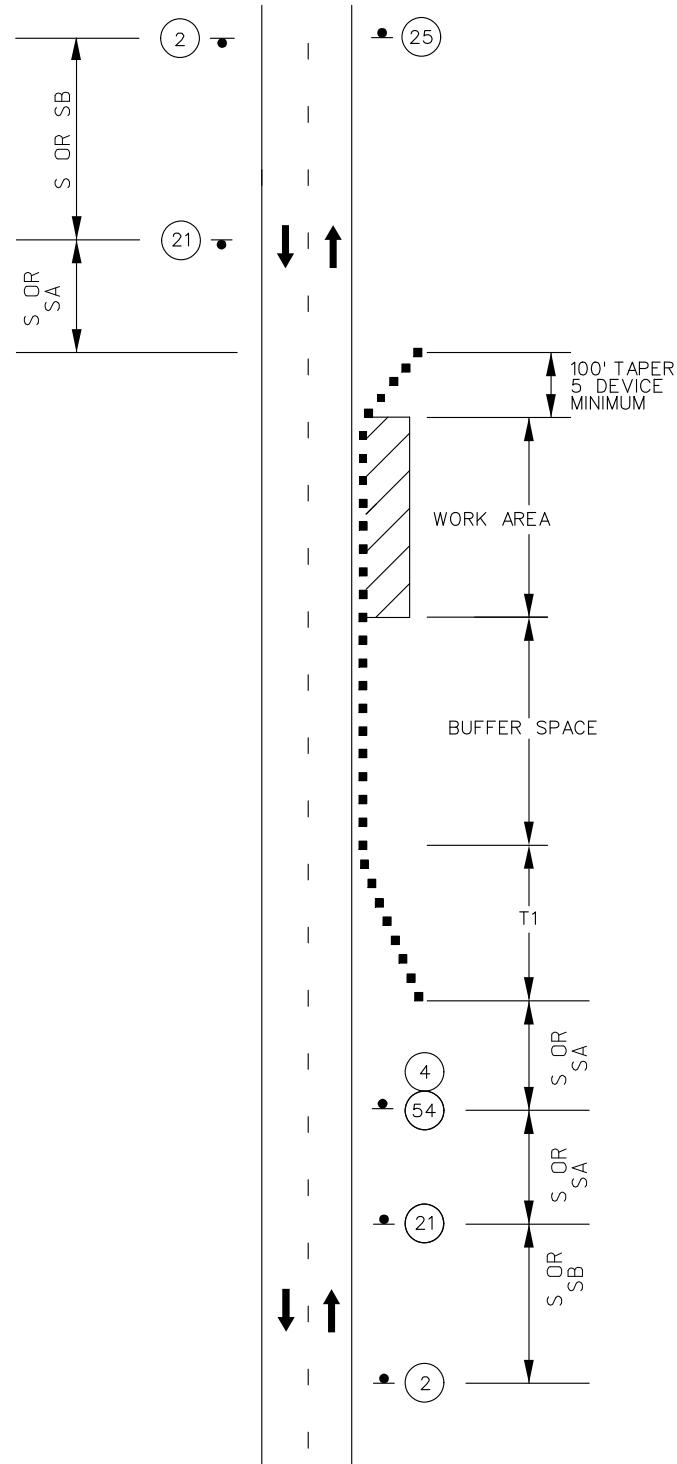
ONLY APPLICABLE WHEN WORK IS WITHIN THE CLEAR ZONE.

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



W020-1
2



G020-5aP
54



W021-5b
21



R2-1
4



R2-1
NORMAL SPEED
25

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.

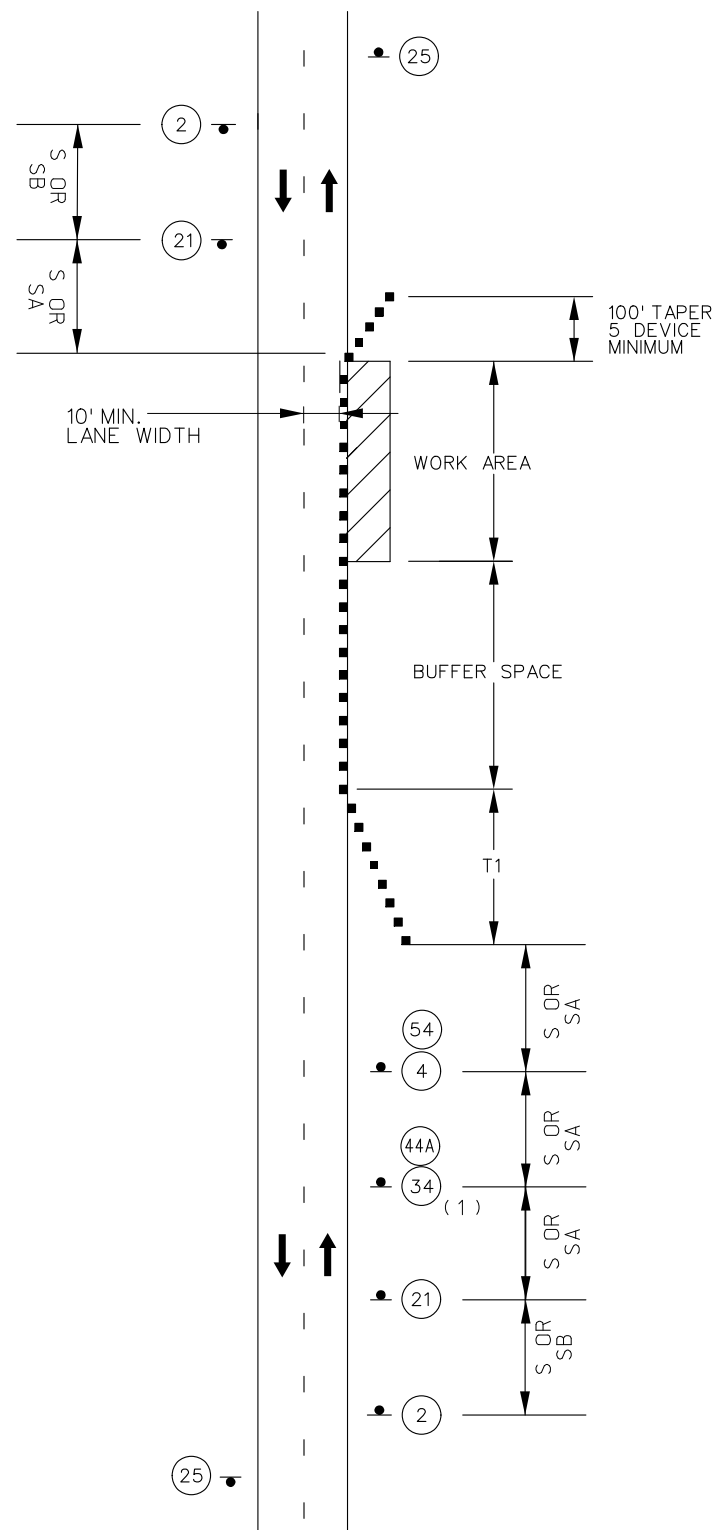
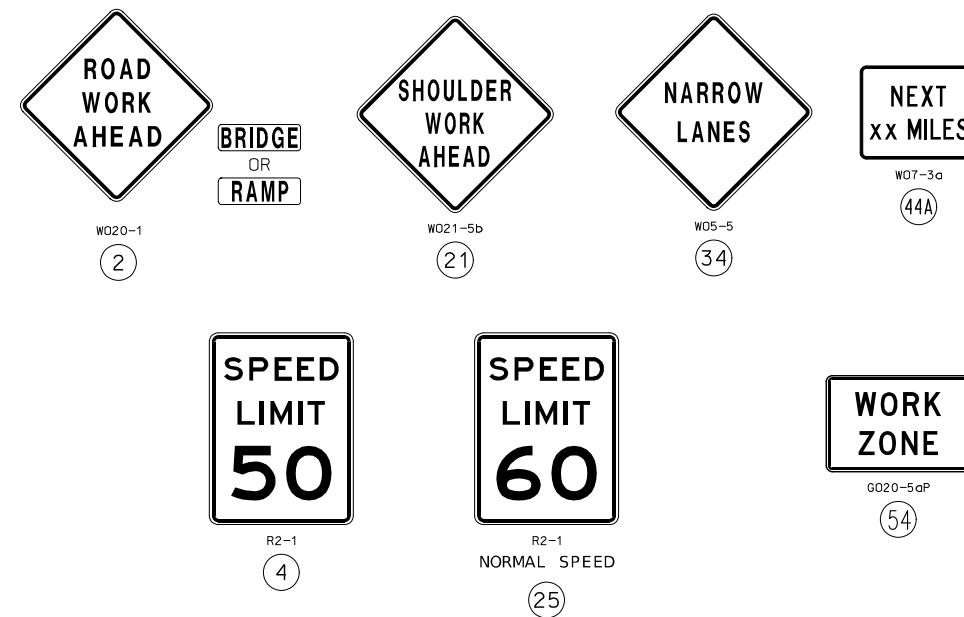
SIGN 2 NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.

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.

DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 154
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:

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.

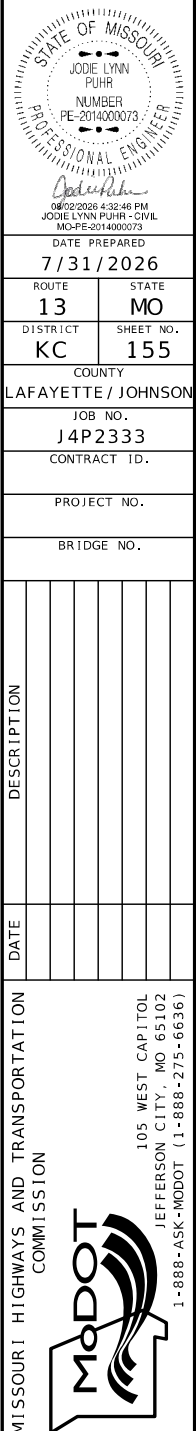
VEHICLE- MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGEND ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

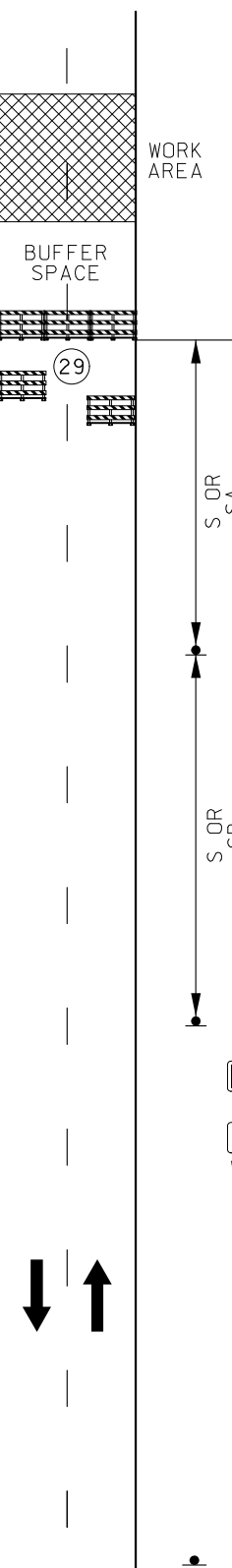
VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH -INTENSITY ROTATING FLASHING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

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

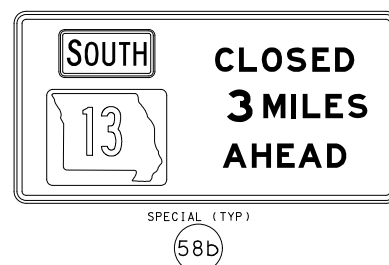
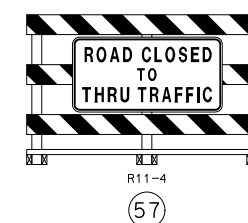
(1). SIGN 44A NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

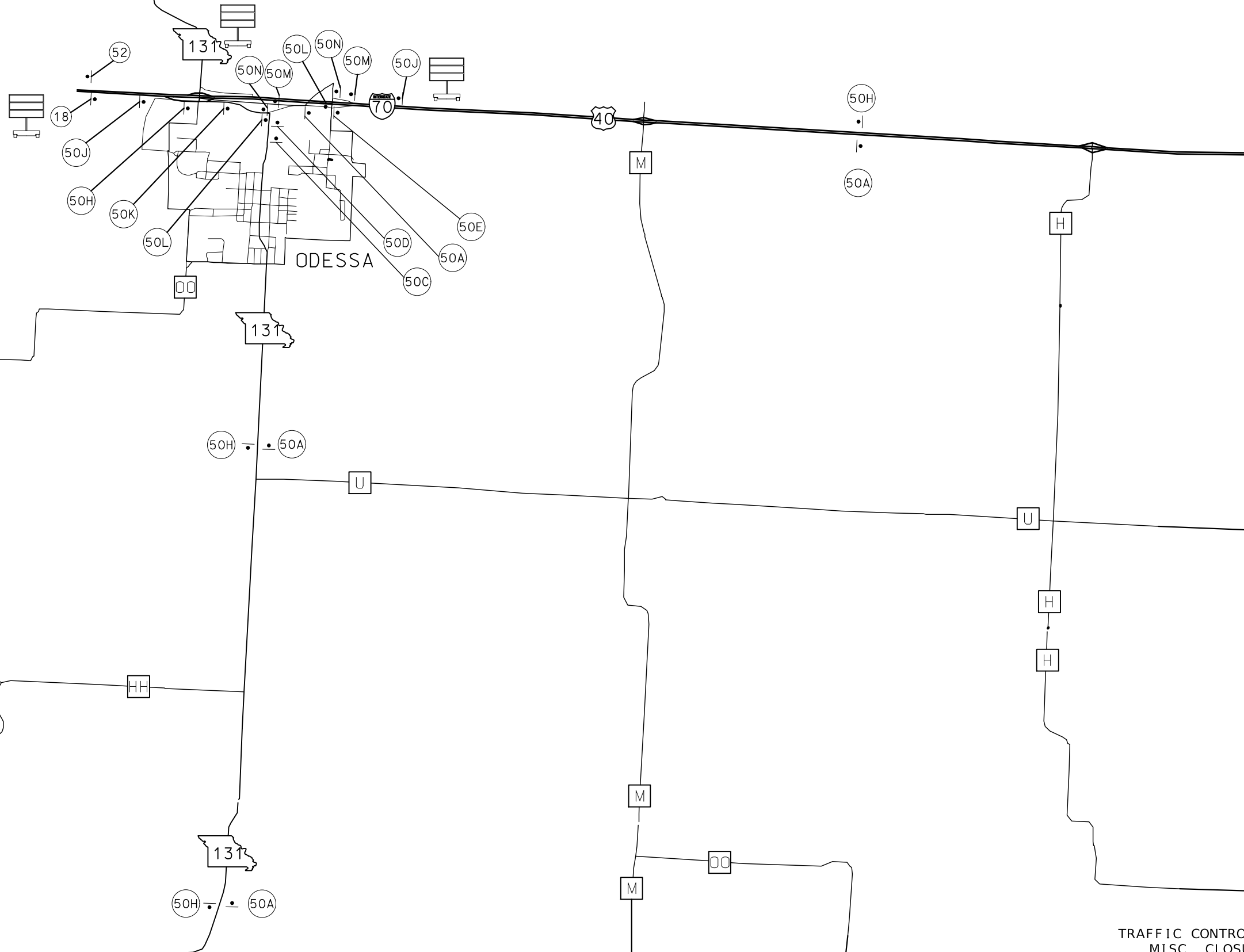
TRAFFIC CONTROL SHEET
SHOULDER WORK
MINOR ENCROACHMENT
SHEET 4 OF 66





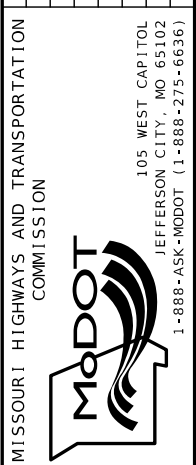
IF USED, THE "ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY" OR "ROAD CLOSED TO THRU TRAFFIC" SIGN SHOULD BE LOCATED AT THE FIRST STATE ROUTE OR, UPON THE DISCRETION OF THE ENGINEER, ANY OTHER INTERSECTION IN ADVANCE OF THE CLOSURE. ADDITIONAL BARRICADES MAY BE USED AND OFFSETTED TO FACILITATE ACCESS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

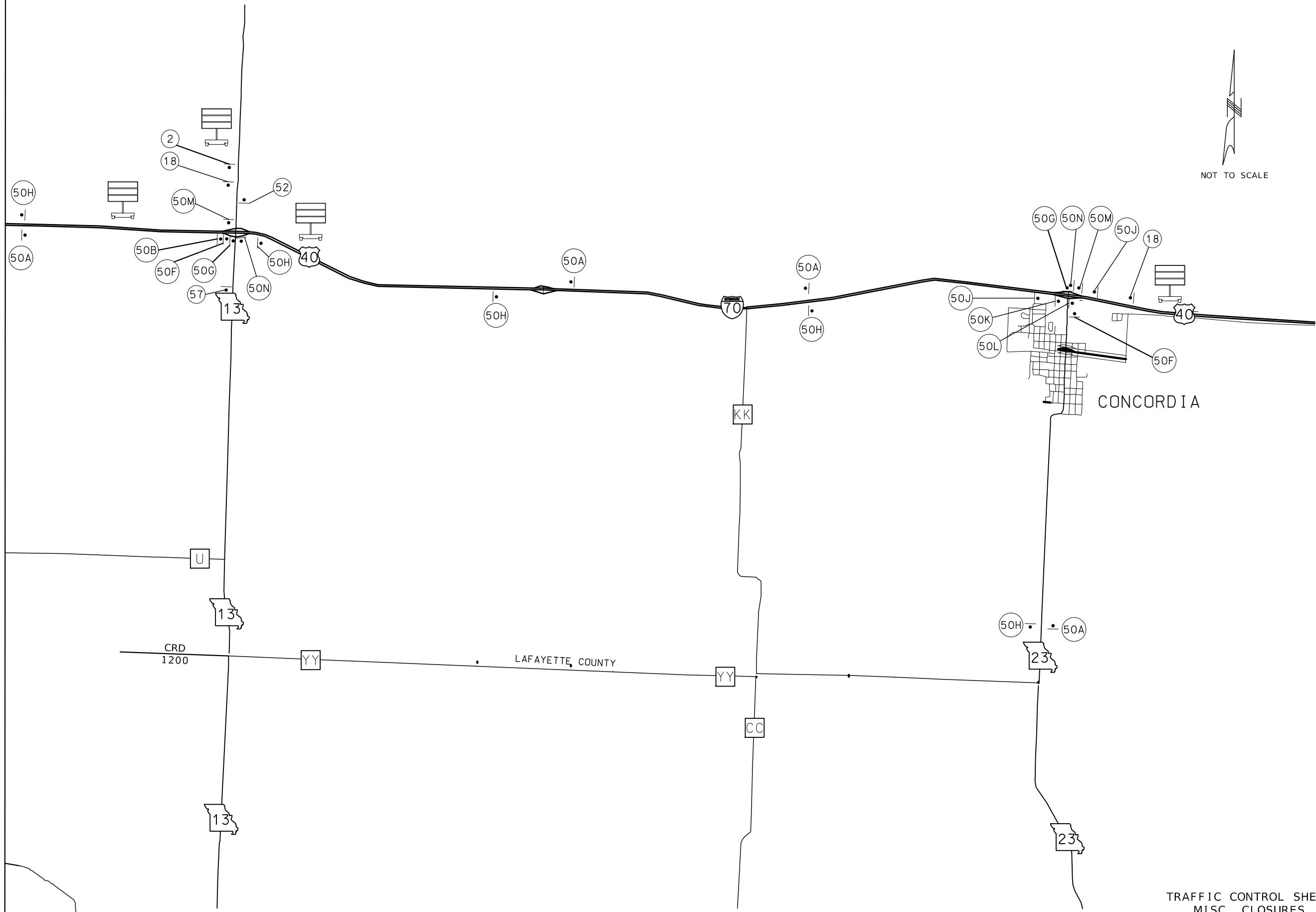




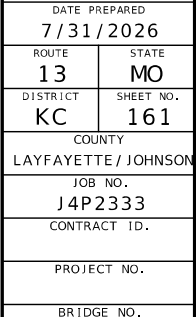
MATCHLINE SHEET 12 OF 66

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





MATCHLINE SHEET 11 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)

MATCHLINE SHEET 12 OF 66



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



7/31/2026

ROUTE 13	STATE MO
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DISTRICT KC	SHEET NO. 162
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COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

[illegible]

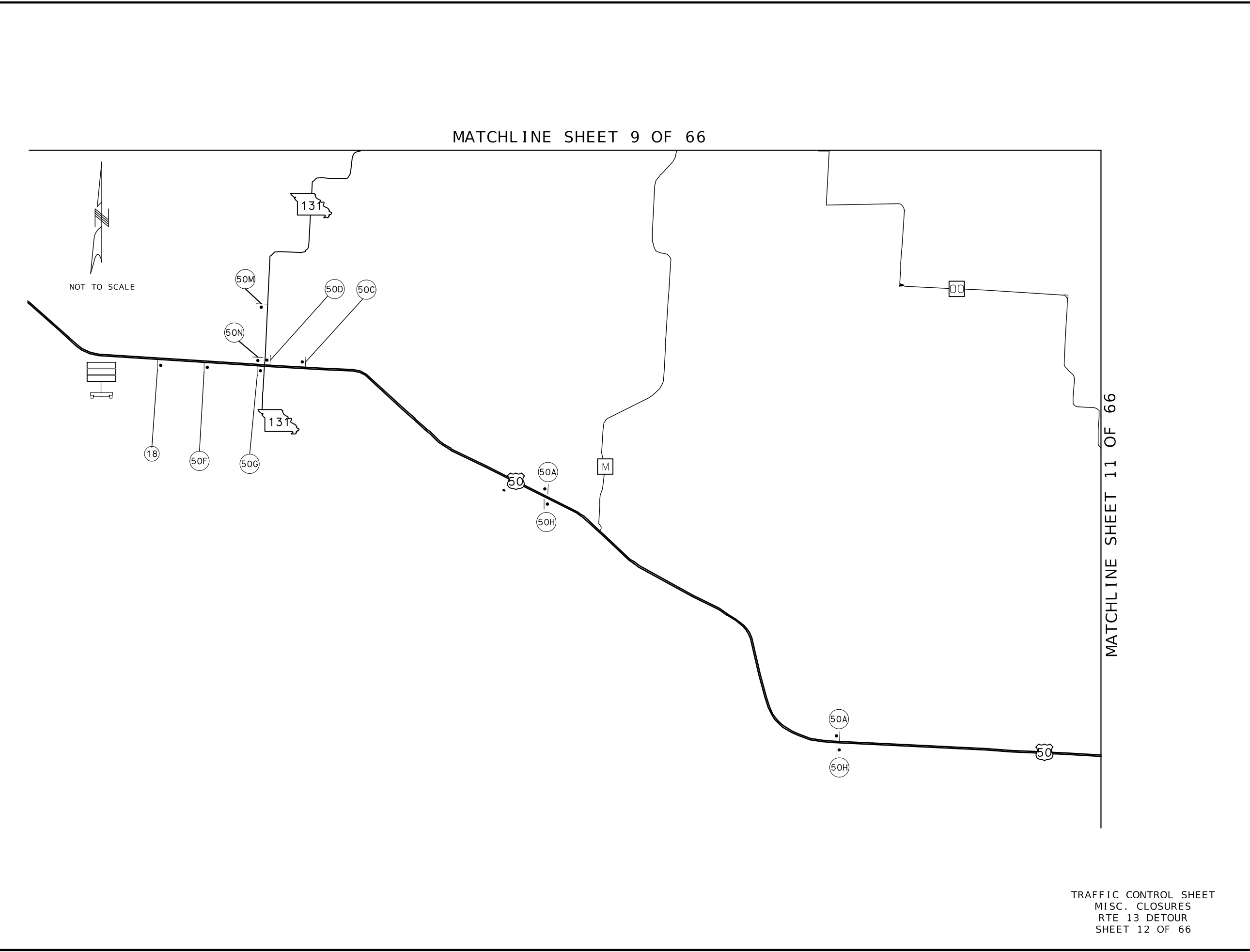
PROJECT NO.

TABLE 1

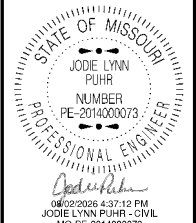
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



08/02/2026 4:37:19 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 163
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

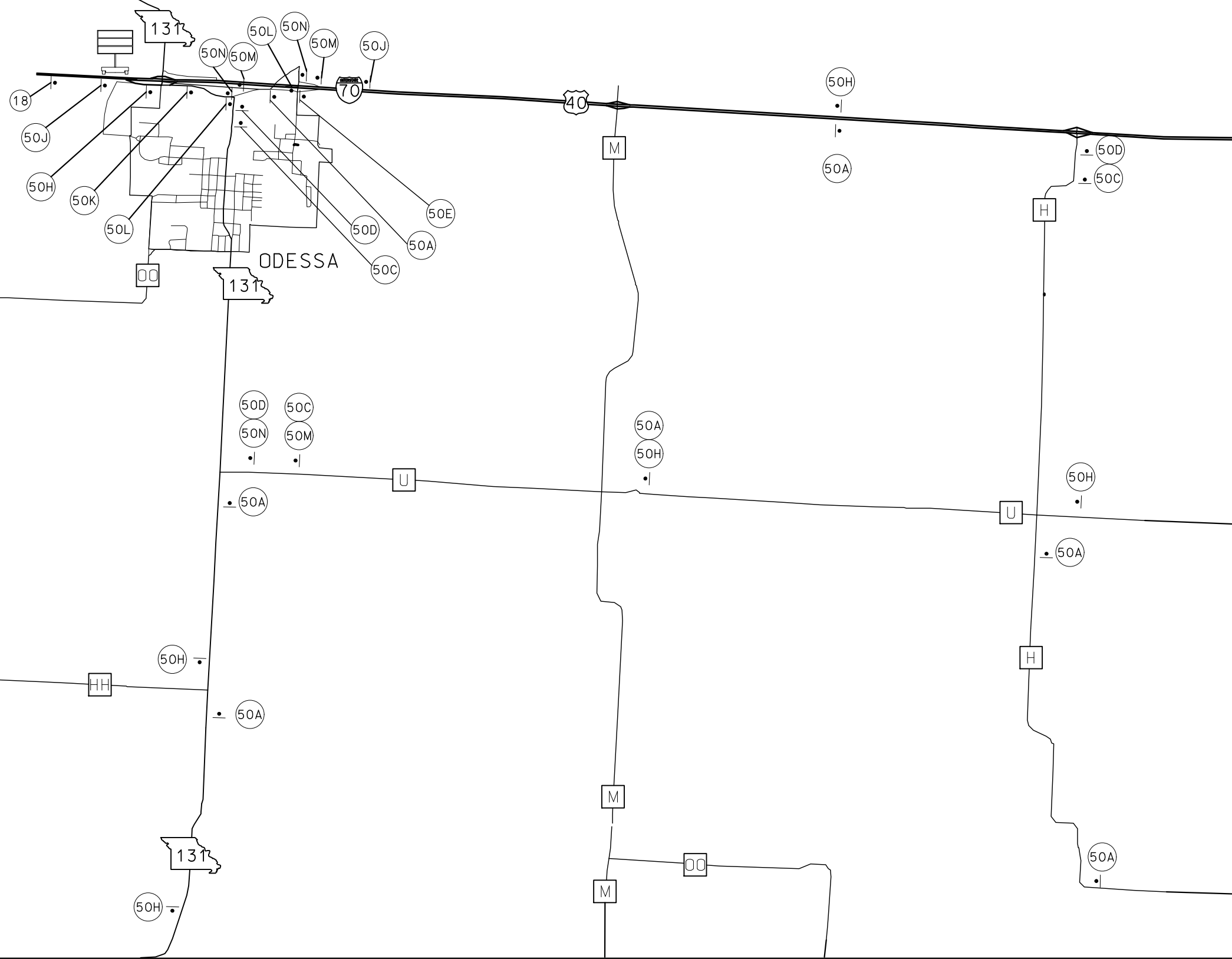
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

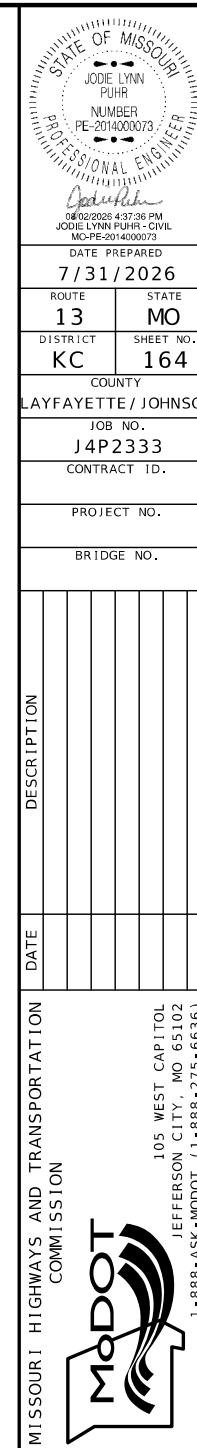


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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

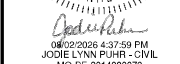
TRAFFIC CONTROL SHEET
MISC. CLOSURES
RTE 13 DETOUR
SHEET 12 OF 66



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



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



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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



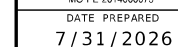
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

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



ROUTE	STATE
13	MO

DISTRICT	SHEET NO.
KC	160

COUNTY
LAFAYETTE / JOHNS

JOB NO.
14P2333

CONTRACT ID.

PROJECT NO.

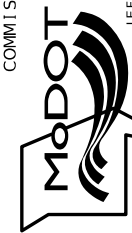
BRIDGE NO. _____

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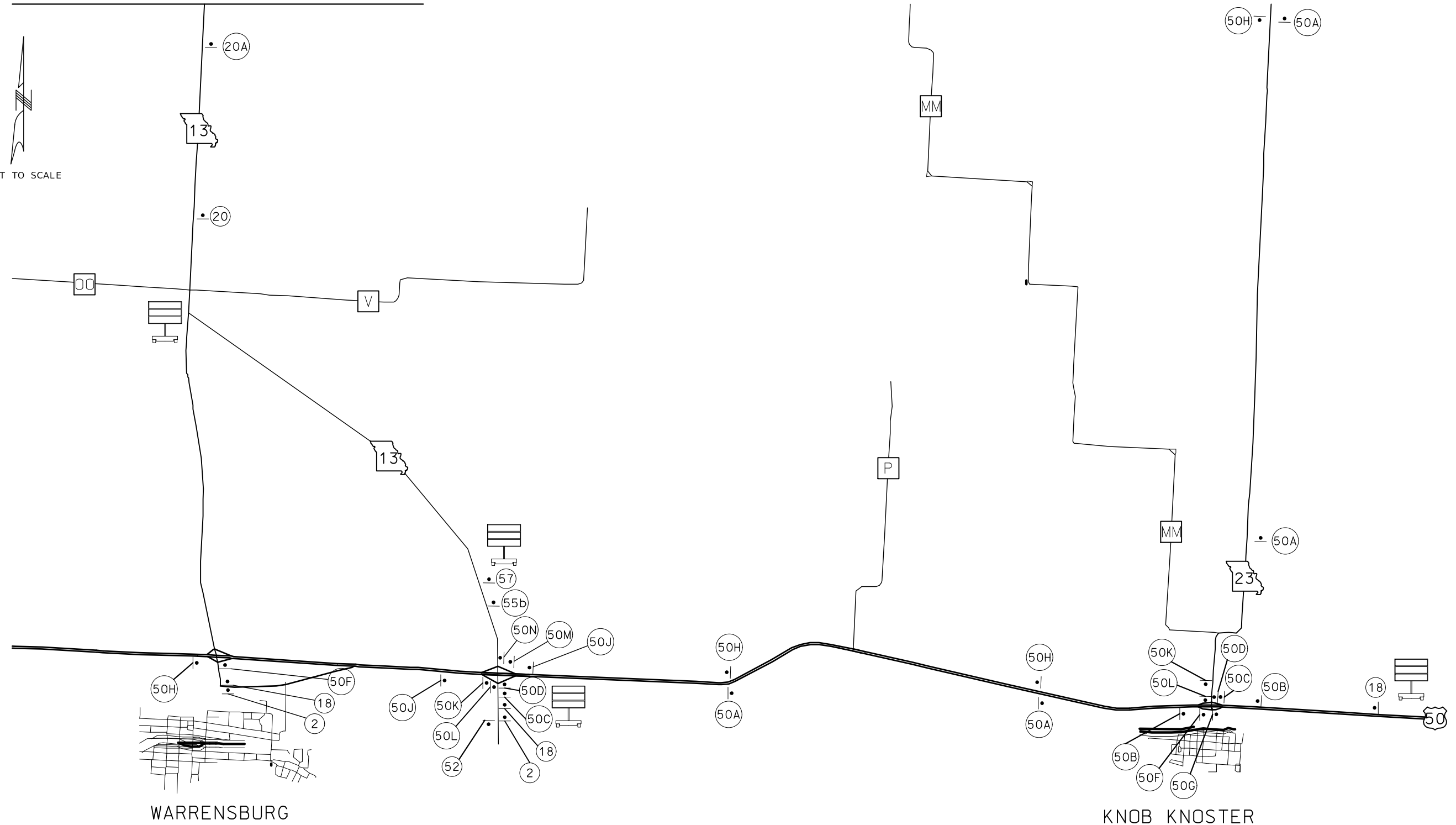
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO. 65102

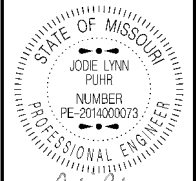


MATCHLINE SHEET 17 OF 66

NOT TO SCALE



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



DATE PREPARED
7/31/2026

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

DISTRICT	SHEET NO.
KC	169

COUNTY
LAYFAYETTE / JOHNSON

JOB NO.	J4P2333
CONTRACT ID	

CONTRACT ID:
PROJECT NO.

BRIDGE NO.

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DESCRIPTION

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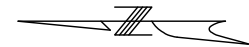
11/11/2016

11/11/2016

11/11/2016

10/1/2010

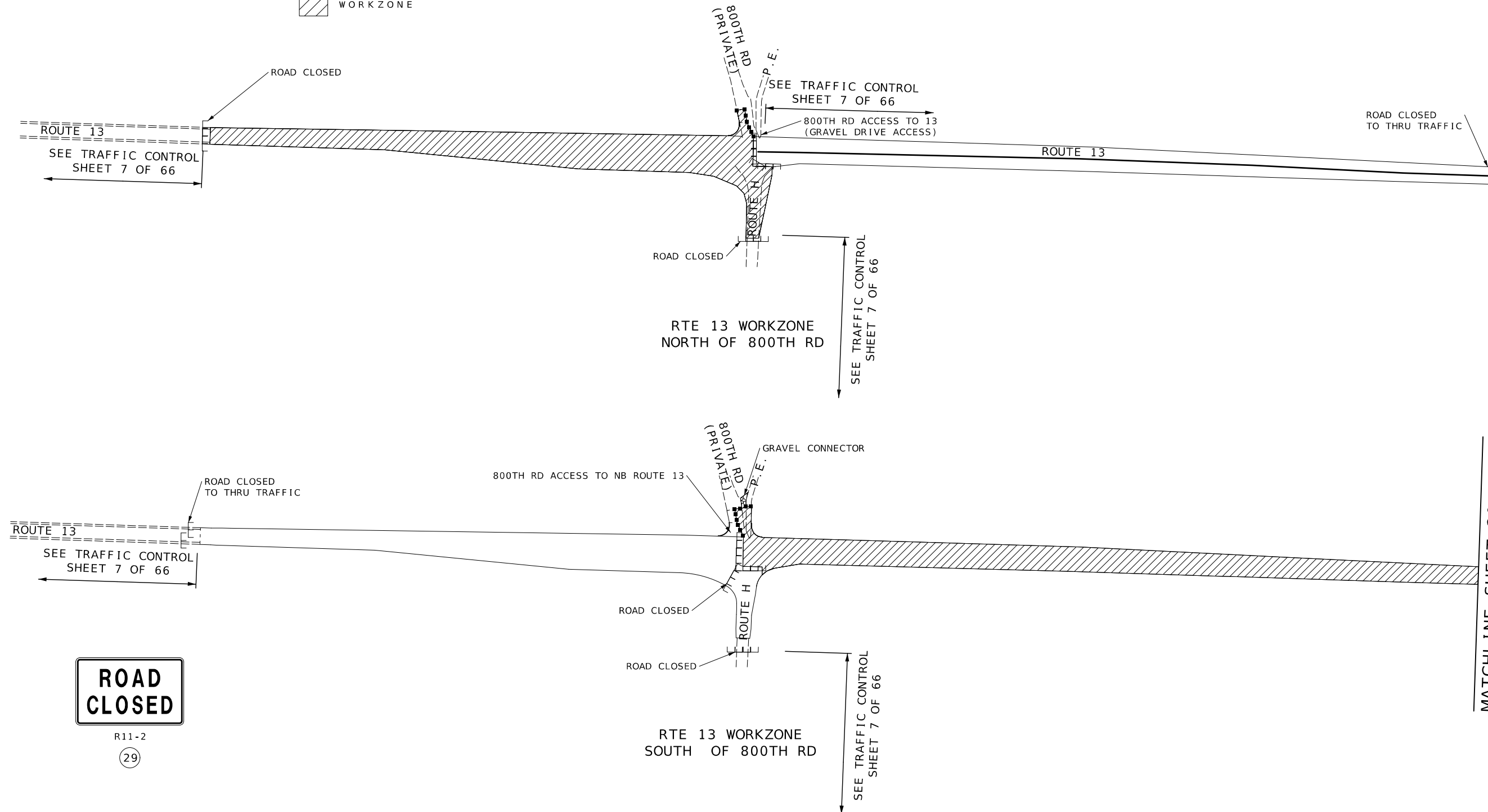
11/11/2016



TRAFFIC CONTROL LEGEND

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

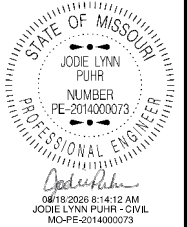
CONTRACTOR MAY ELECT TO CONSTRUCT EITHER THE NORTH OR SOUTH SECTIONS OF RTE 13 FIRST. ACCESS MUST BE MAINTAINED TO 800TH RD.



R11-2
(29)

NOT TO SCALE

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

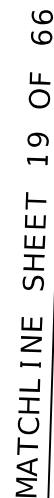
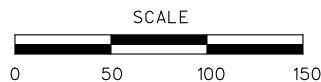


DATE PREPARED 8/11/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 170
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

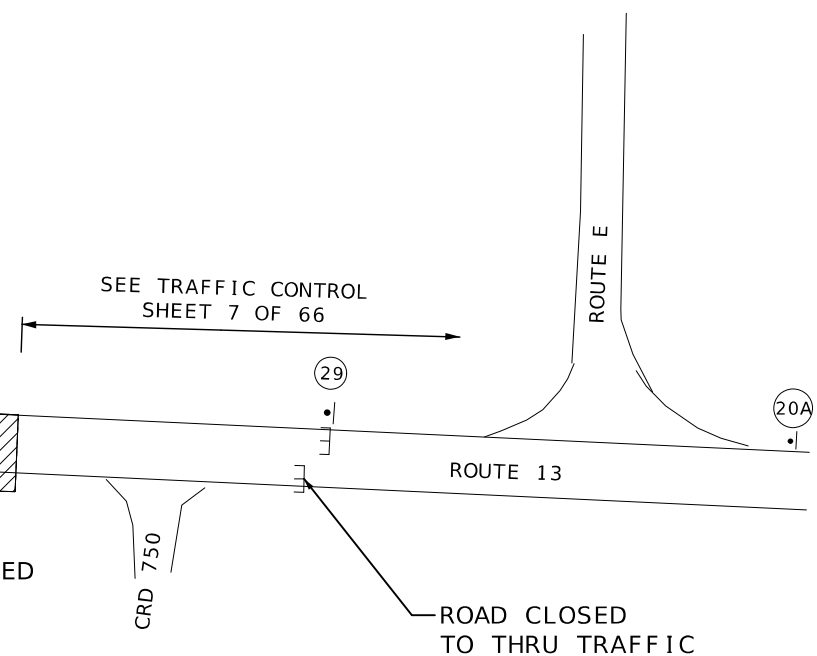
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

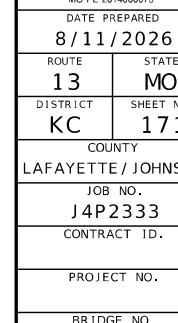
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



 SIGN (SINGLE SIDED)
 CHANNELIZER
 TYPE III MOVEABLE BARRICADE
 WORKZONE



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

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



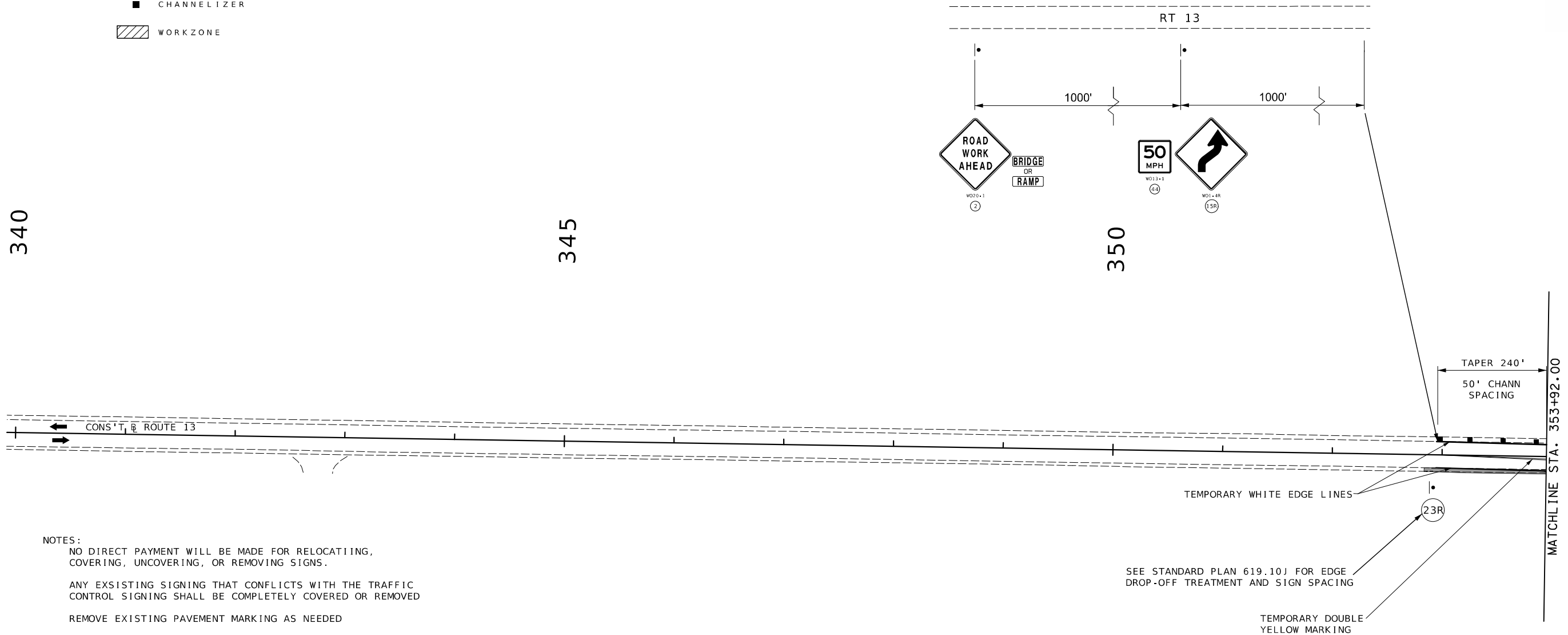
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

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

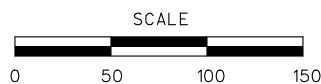
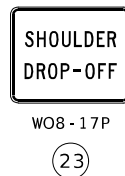
EDGE DROP OFF TREATMENT REQUIRED AS PER STANDARD PLAN 619.10

SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

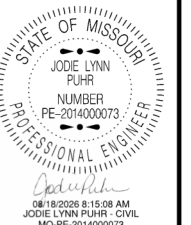
ALL TEMPORARY PAVEMENT MARKING IS 4 IN. WIDE

PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 1
SHEET 21 OF 66

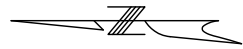


DATE PREPARED 8/10/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 172
COUNTY LAYFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

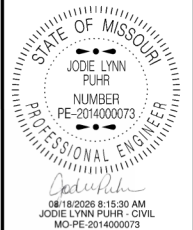
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

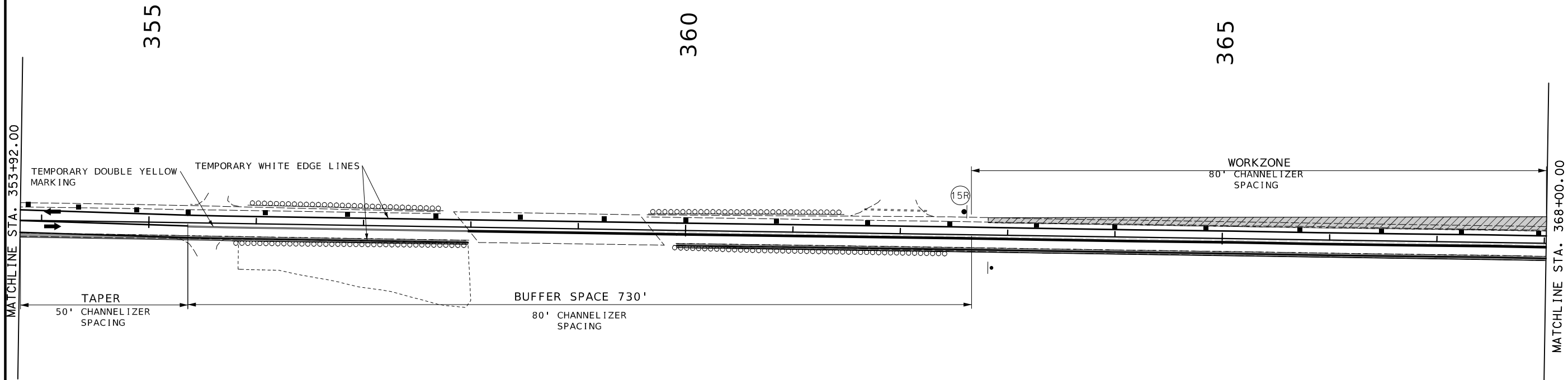


DATE PREPARED 8/10/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 173
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

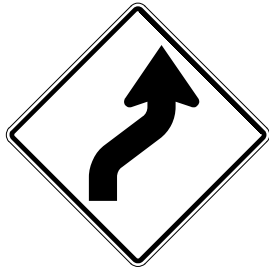
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

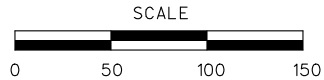
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



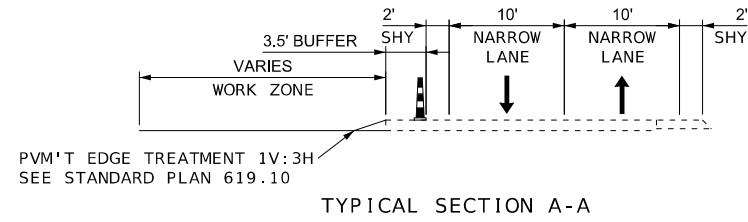
W01-4R
(15R)



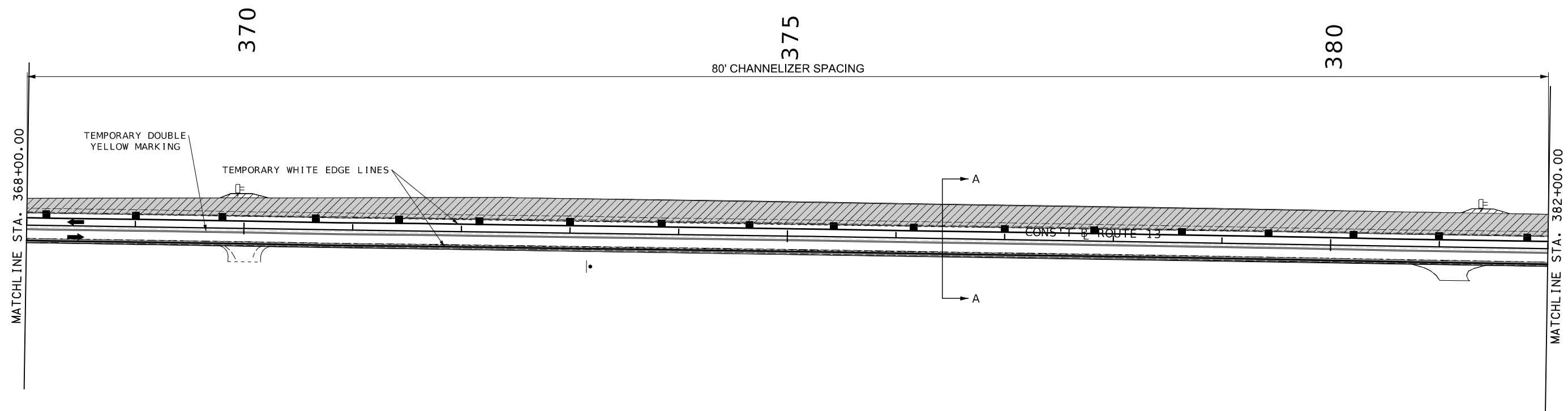


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

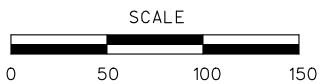


NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

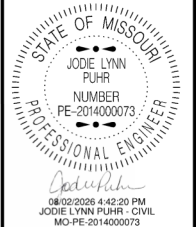


PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
SOUTHBOWN PASSING LANE 1
SHEET 23 OF 66



DATE PREPARED
7/31/2026

ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	174

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

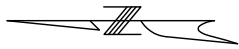
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

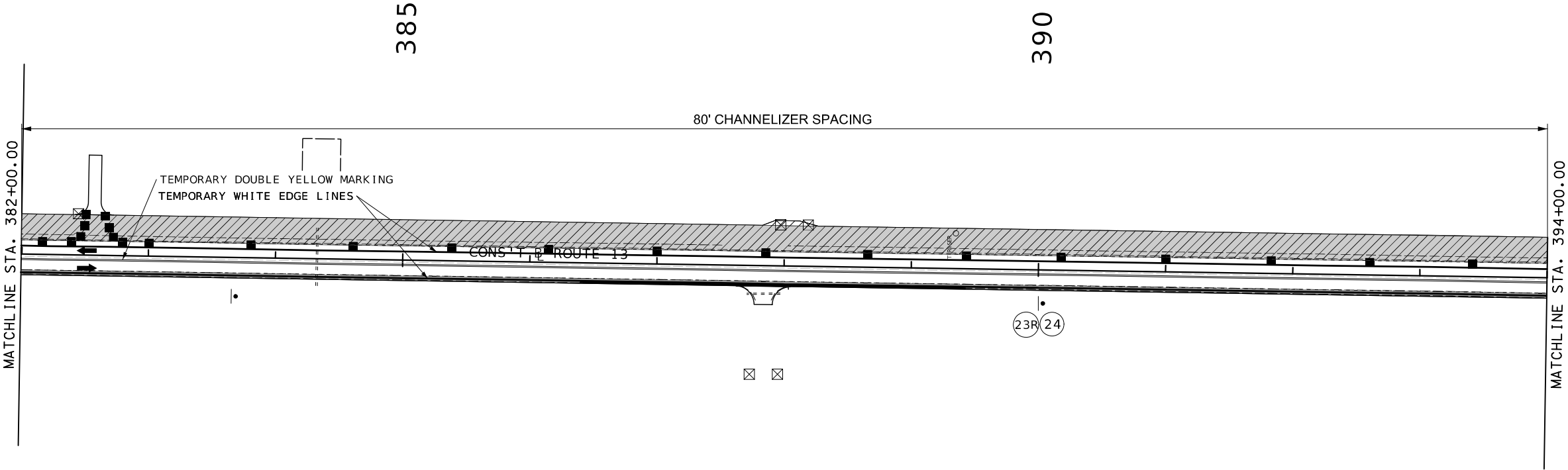
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



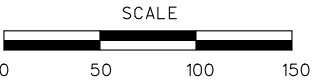
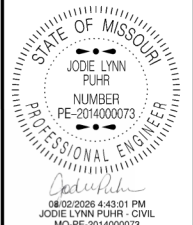
TRAFFIC CONTROL LEGEND

- 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

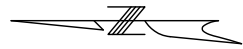


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 175
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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

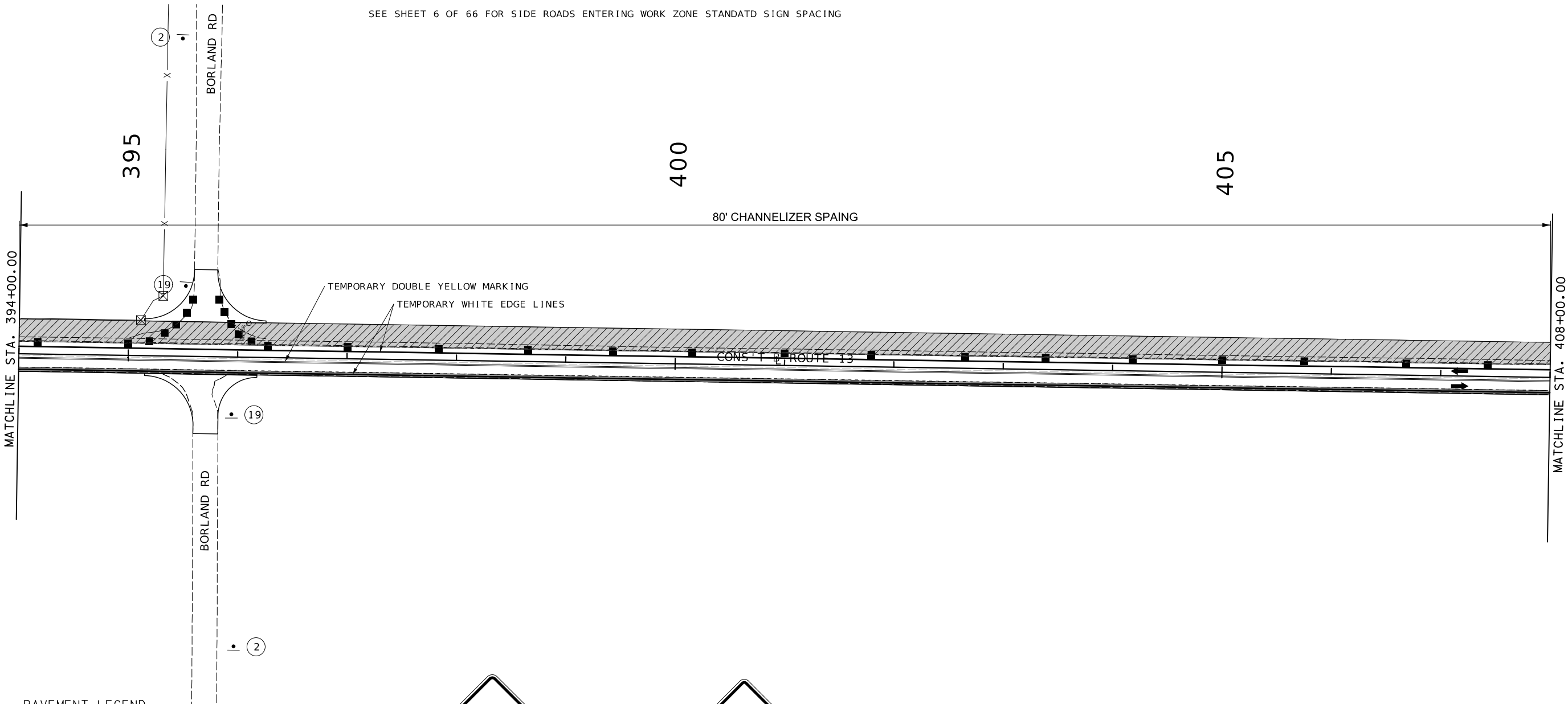
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

NOTES:
ADDITIONAL SIGNING MAY BE REQUIRED BASED ON
WORKZONE ACTIVITIES

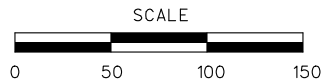
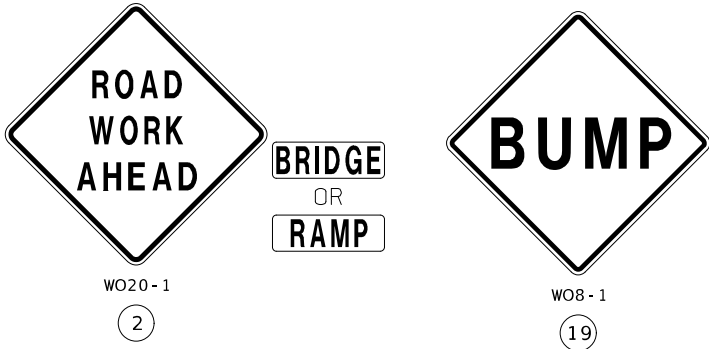
ROAD WORK AHEAD SIGN REQUIRED FOR ALL PUBLIC
ROAD APPROACHES TO THE WORK ZONE

SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

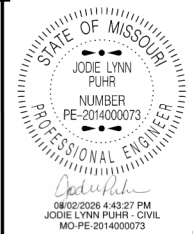
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



- 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

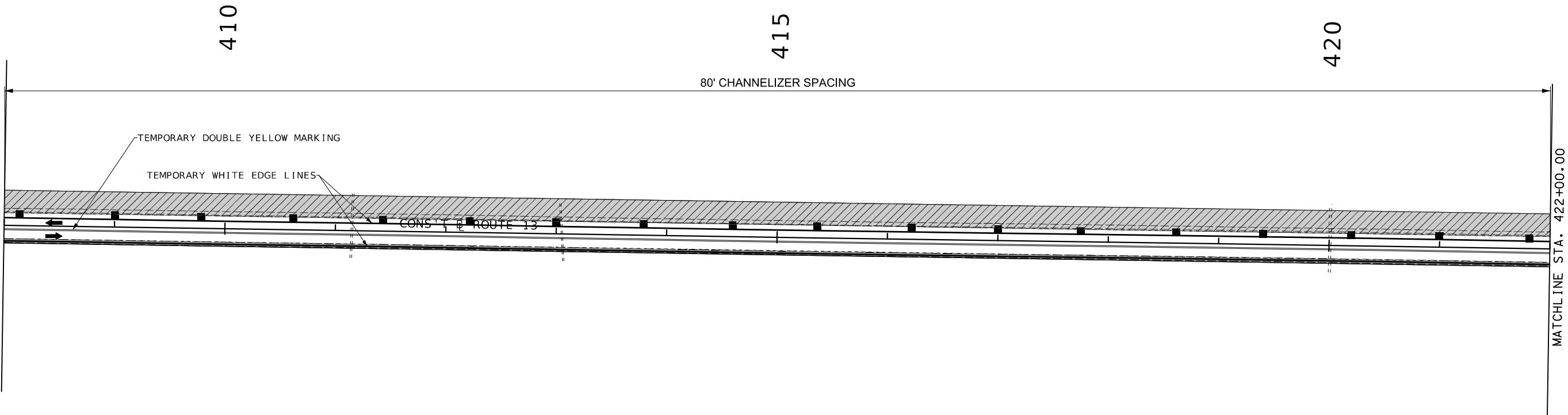
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



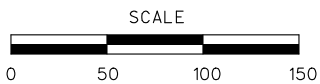
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



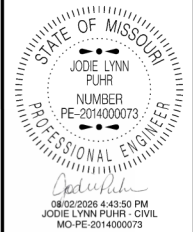
PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

TEMPORARY TRAFFIC CONTROL
SOUTHBOUND PASSING LANE 1
SHEET 26 OF 66



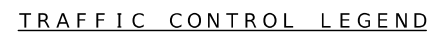
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 177
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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 STANDARD SIGN SPACING



7/31/2026

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

DISTRICT KC	SHEET NO. 178
----------------	------------------

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 SHEET
SOUTHBOUND PASSING LANE 1
SHEET 27 OF 66



- RTE 13 ADVANCED SIGN SERIES

DATE PREPARED

7 / 31 / 2026

ROUTE	STATE
-------	-------

13	MO
----	----

DISTRICT	SHEET NO.
----------	-----------

KC	180
----	-----

COUNTY

YFAYETTE / JOHN

JOB NO.

J4P2333

CONTRACT ID.

CONCLUSIONS

PROJECT NO.

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)

PAVEMENT LEGEND

- SCALE

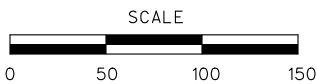


TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 1
SHEET 29 OF 66

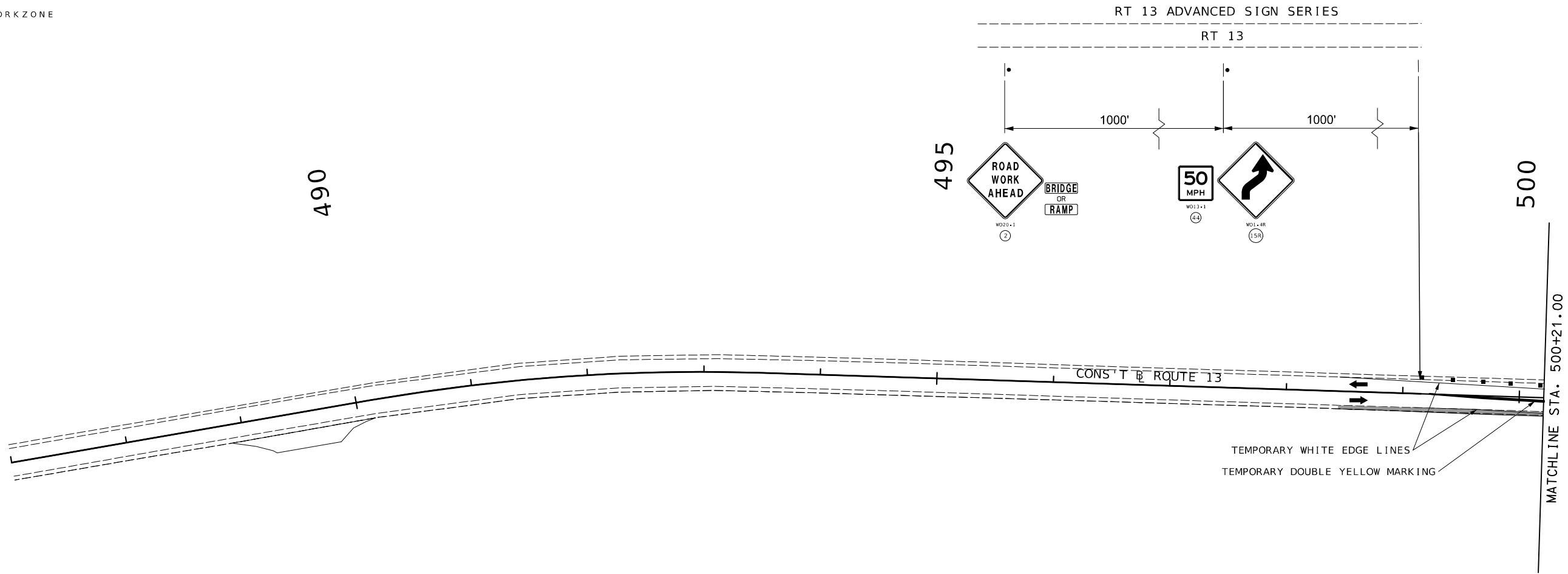


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING



STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/02/2026 4:45:32 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
181

COUNTY
LAYFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

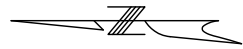
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

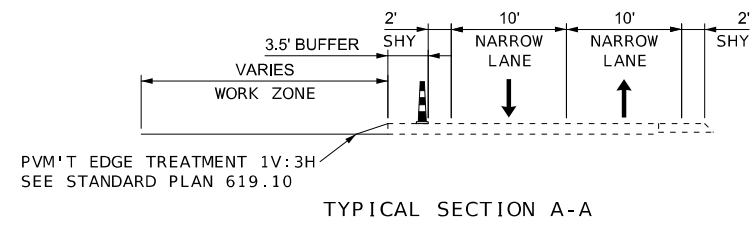
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

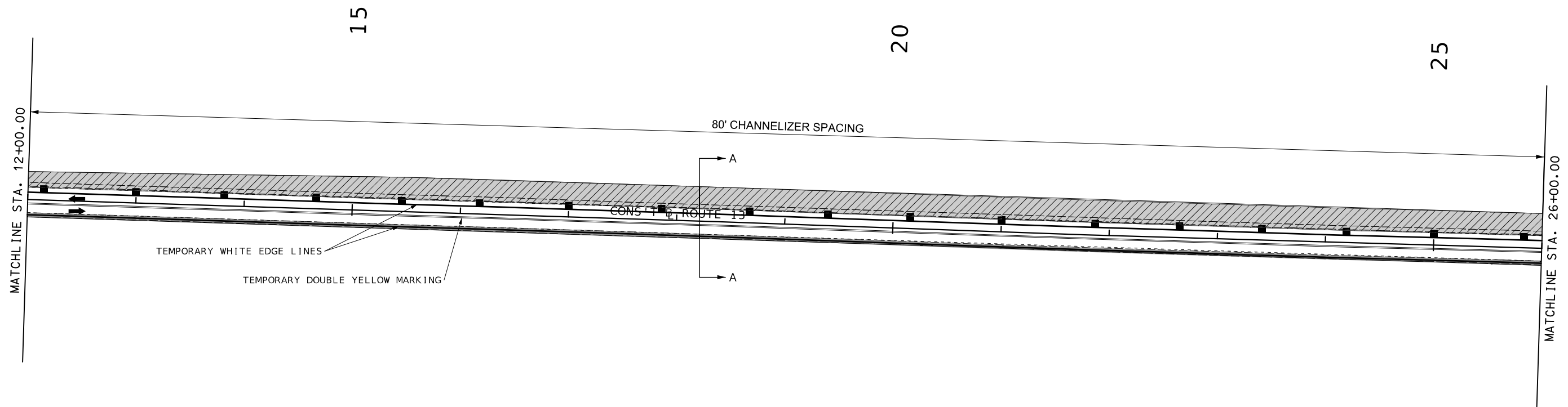


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

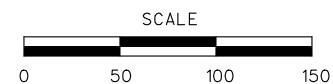


NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING



PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
NORTHBOUND PASSING LANE 1
SHEET 32 OF 66



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 a T-junction where County Road crosses NE 1150th Rd. A matchline is indicated at station 26+00.00. Stationing markers 1, 19, and 2 are shown along the road alignment.

PAVEMENT LEGEND

- | | |
|--|------------------|
| | SHLDR REBUILD |
| | ALTERNATE PVM' T |

SCALE



WO20 - 1

2

BRIDGE
OR
RAMP



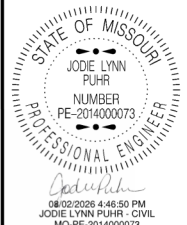
WO8 - 1

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	STATE
12	MO

13	MO
DISTRICT	SHEET NO.

KC

184

COUNTY

LAFAYETTE / JOHNSON

JOB NO.
14B2222

J4P2333
CONTRACT ID

CONTRACT ID:

PROJECT NO.

[illegible]

BRIDGE NO.

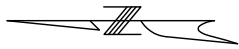
[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

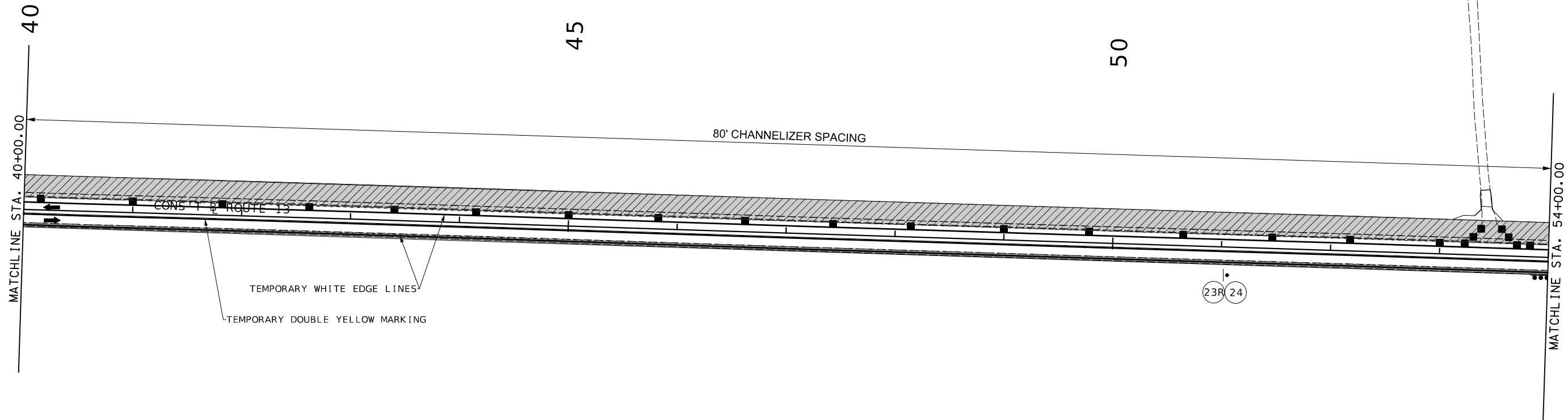
TRAFFIC CONTROL SHEET
NORTHBOUND PASSING LANE 1
SHEET 33 OF 66



TRAFFIC CONTROL LEGEND

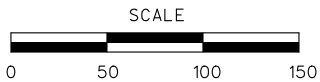
- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

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

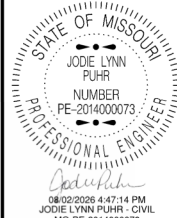


W08-17
(23R)



W08-17P
(24)

TRAFFIC CONTROL SHEET
NORTHBOUND PASSING LANE 1
SHEET 34 OF 66



DATE PREPARED
7/31/2026

ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	185

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

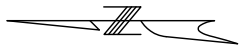
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



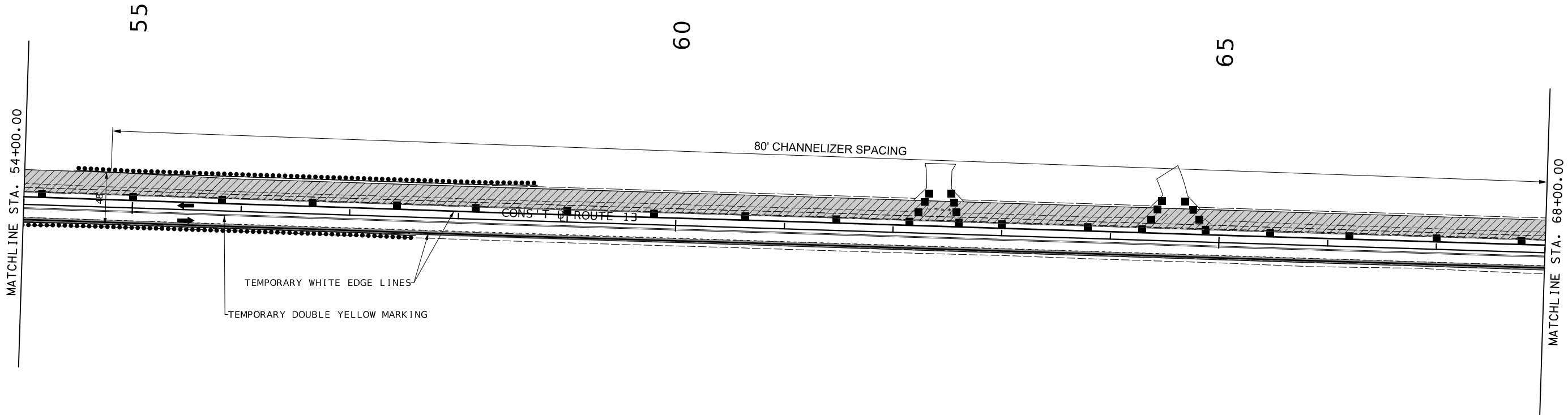
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TRAFFIC CONTROL LEGEND

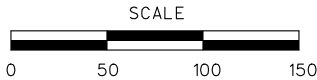
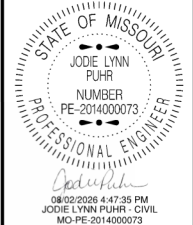
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

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.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

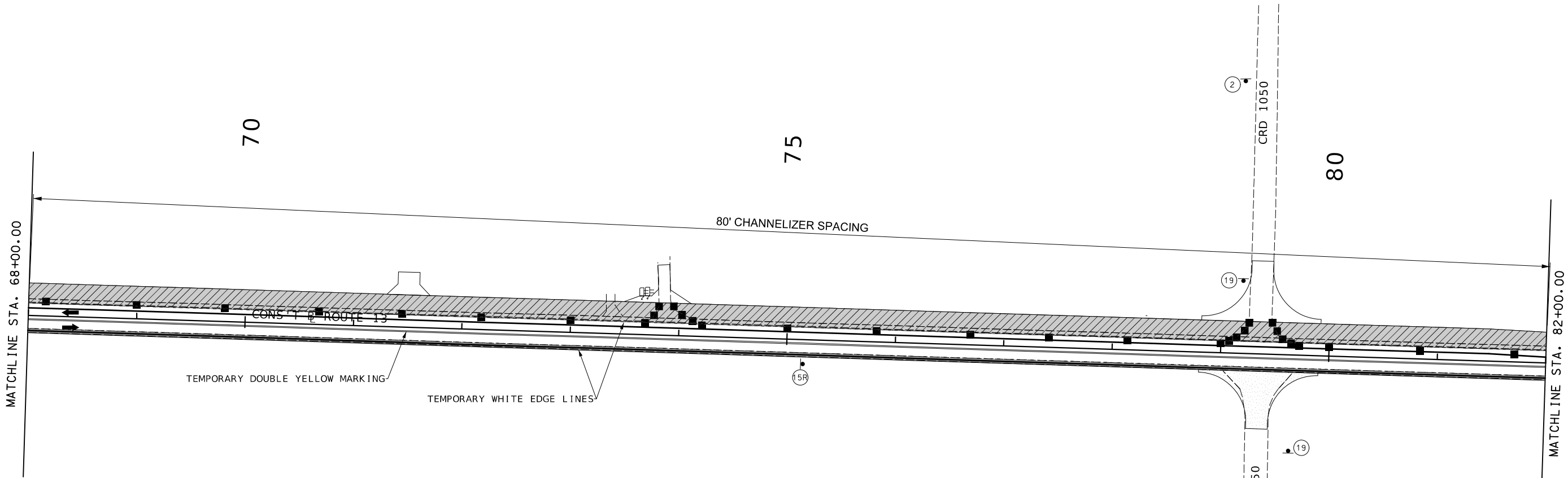
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



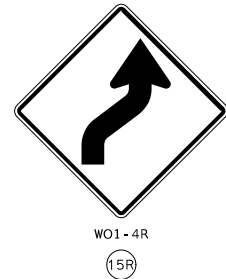
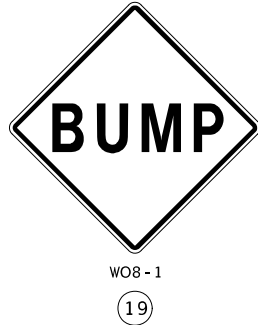
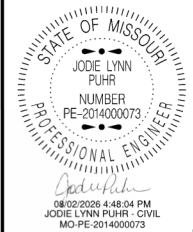
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

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

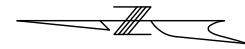


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 187
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

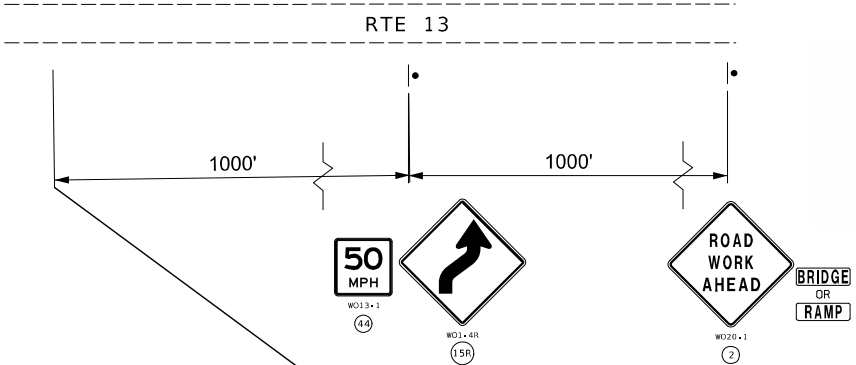
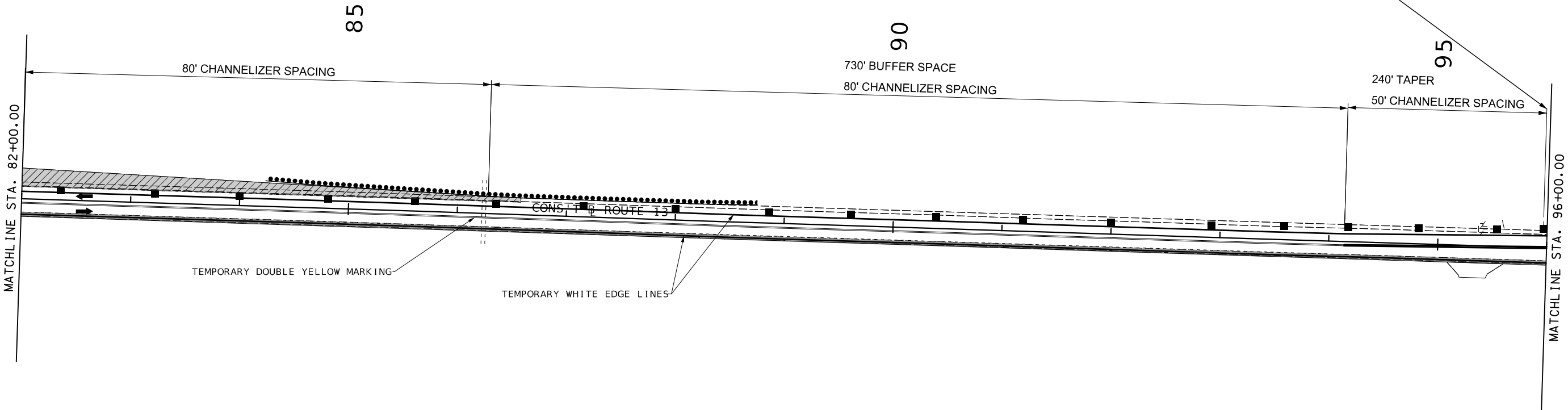


TRAFFIC CONTROL LEGEND

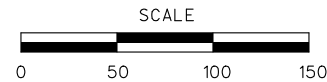
- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

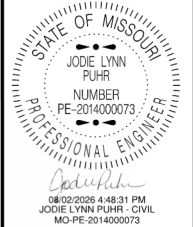
RTE 13 ADVANCED SIGN SERIES



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



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.	

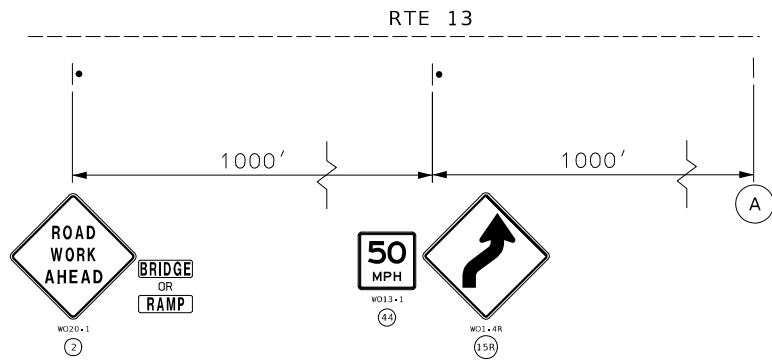
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



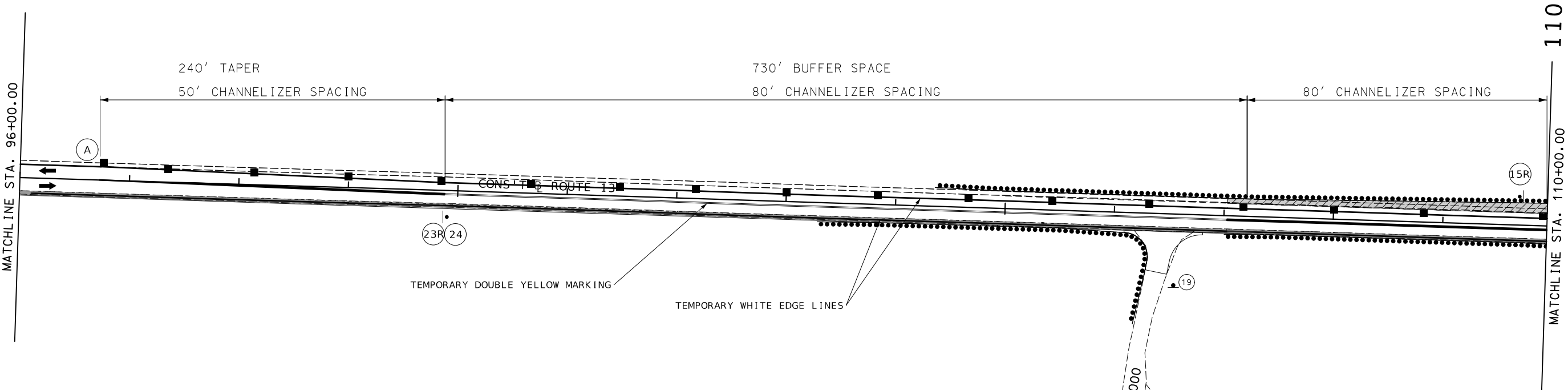
RTE 13 ADVANCED SIGN SERIES



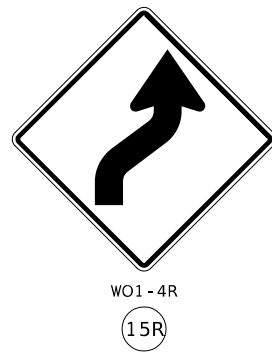
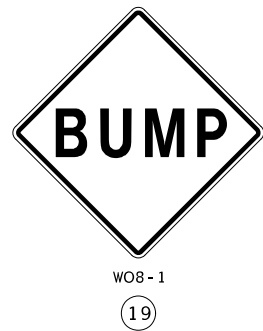
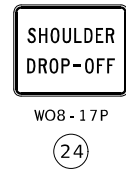
NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

TRAFFIC CONTROL LEGEND

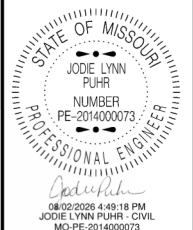
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



PAVEMENT LEGEND
SHLDR REBUILD
ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 2
SHEET 38 OF 66

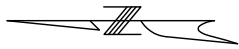


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 189
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

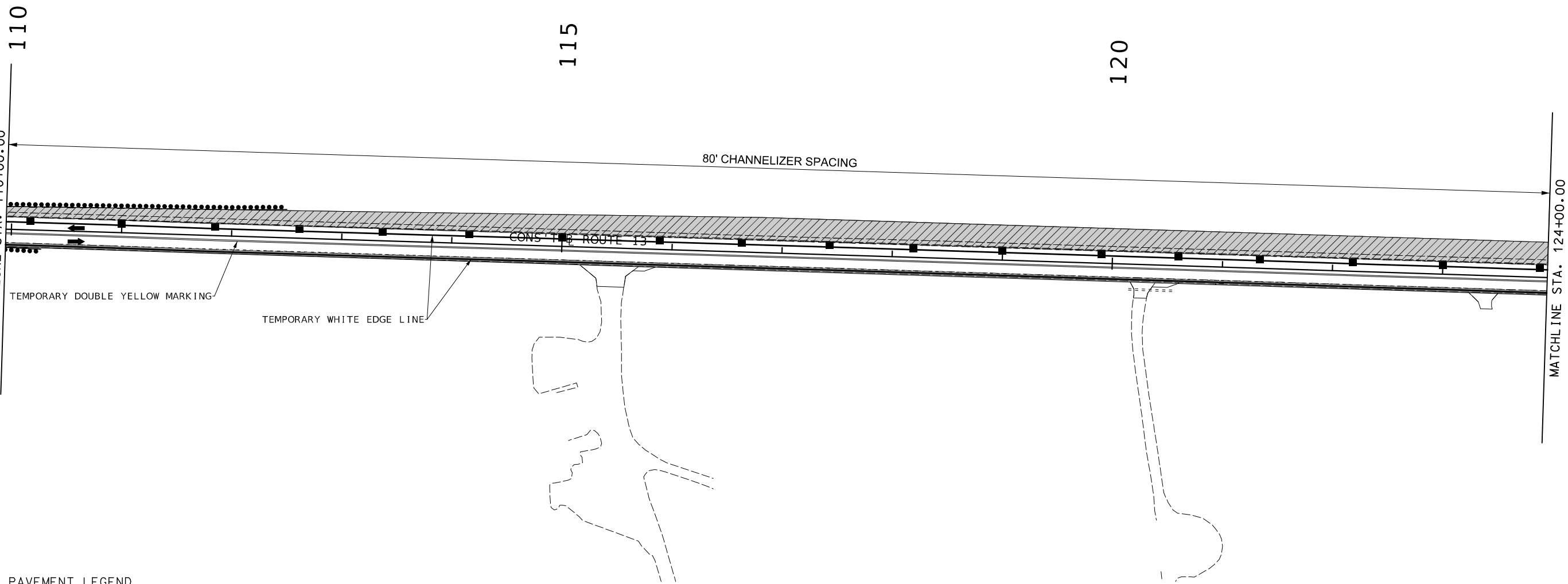
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

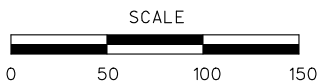


TRAFFIC CONTROL LEGEND

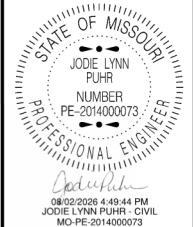
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



- 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

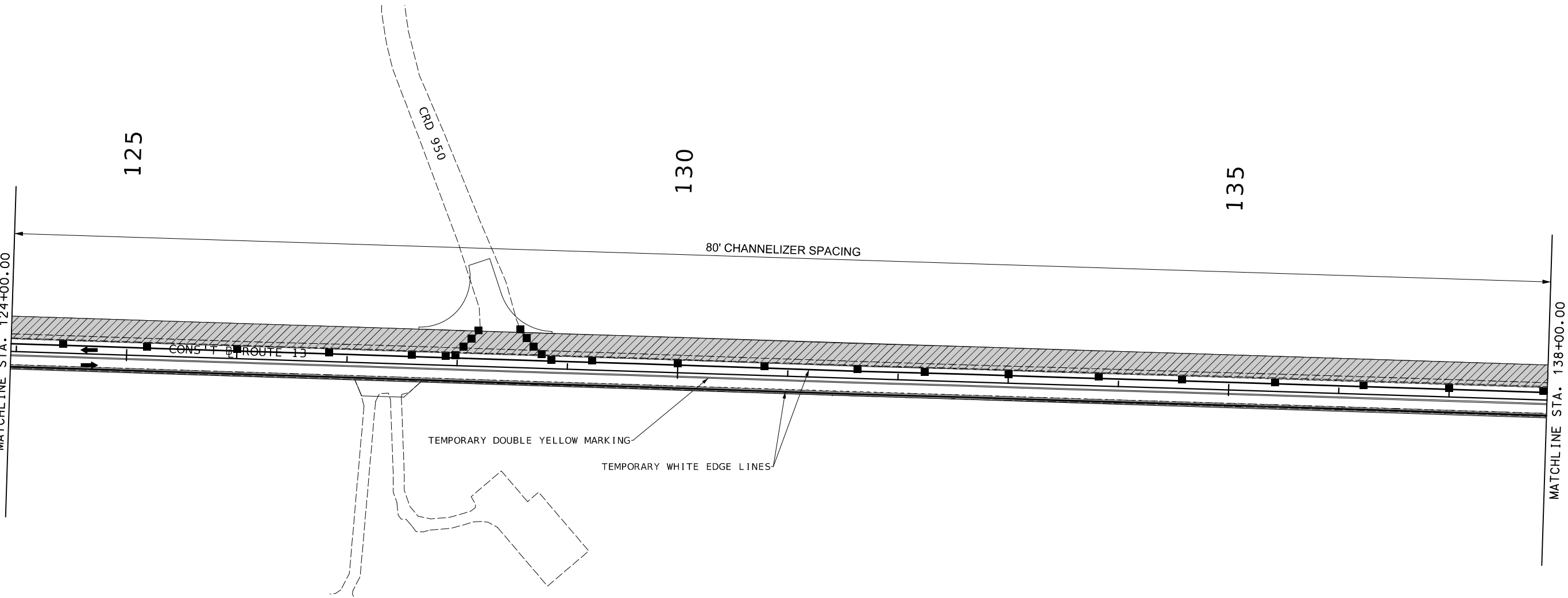
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



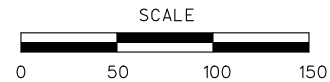
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

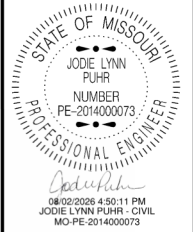


PAVEMENT LEGEND

- SHLDR REBUILD
- ALTERNATE PVM'T



NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

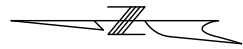


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 191
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

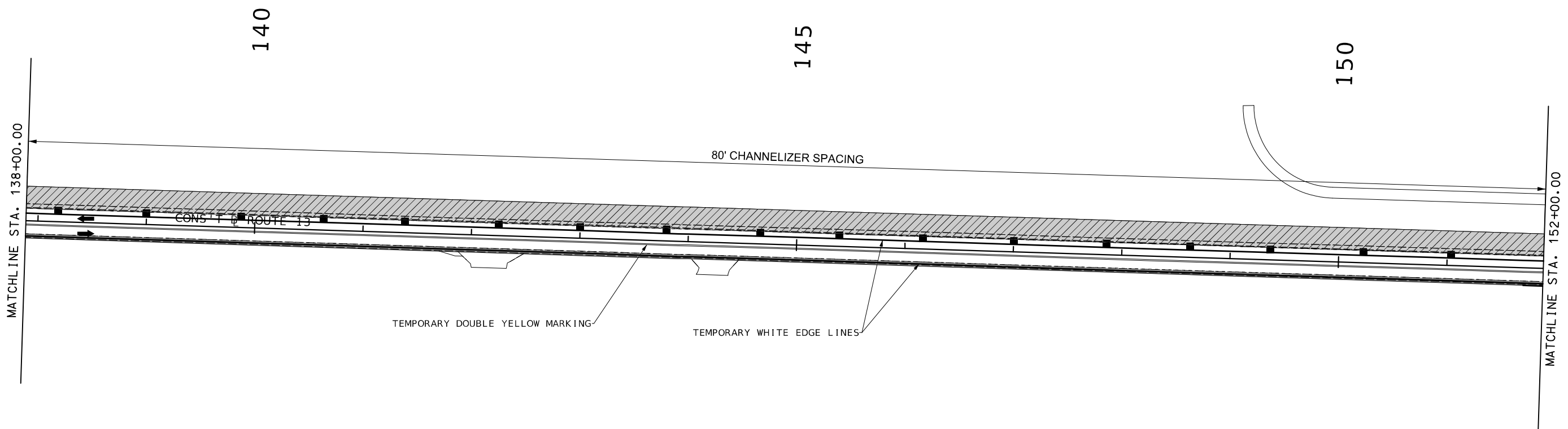
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



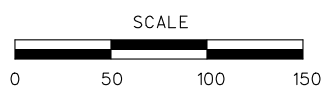
TRAFFIC CONTROL LEGEND

- 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



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T

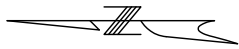


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 192
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

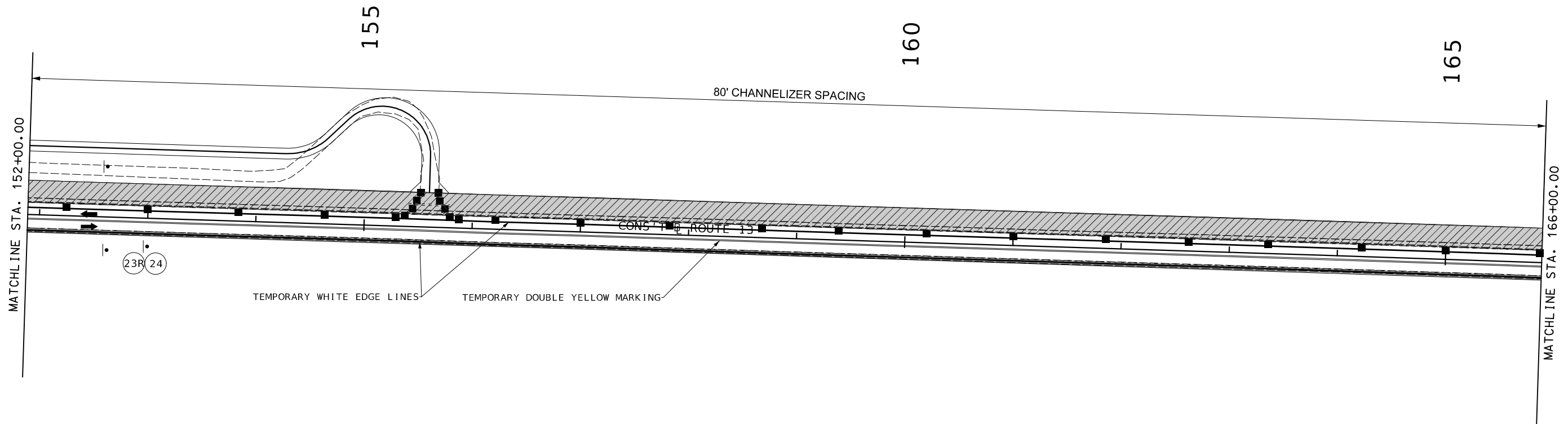
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TRAFFIC CONTROL LEGEND

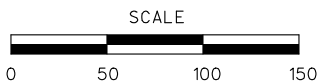
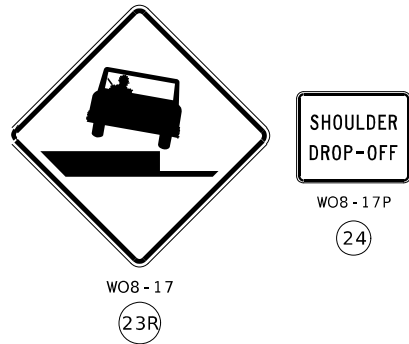
- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

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



TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 2
SHEET 42 OF 66

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/02/2026 4:51:08 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
193

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)



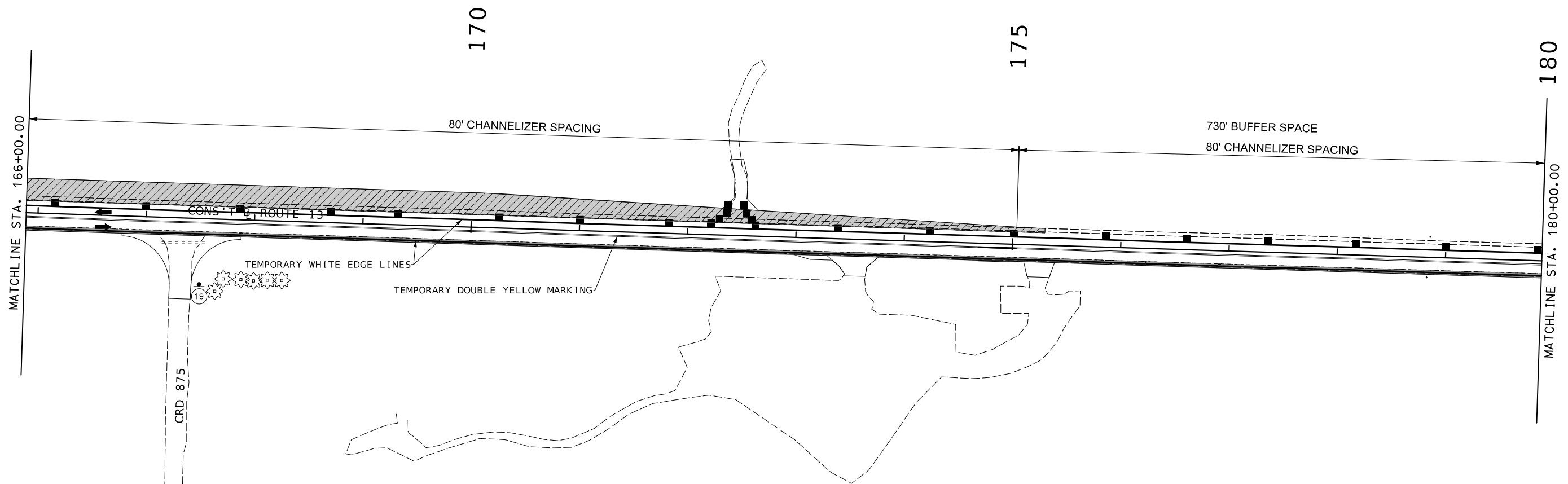
TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

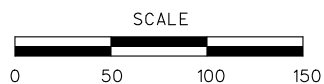
■ CHANNELIZER

▨ 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

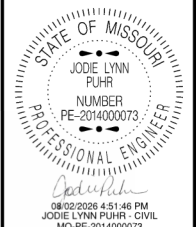


PAVEMENT LEGEND
SHLDR REBUILD
ALTERNATE PVM'T



W08 - 1
(19)

TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 2
SHEET 43 OF 66

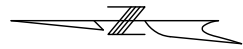


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 194
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

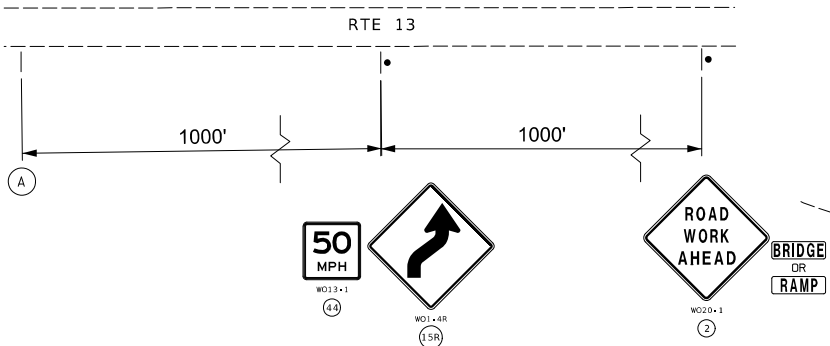
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



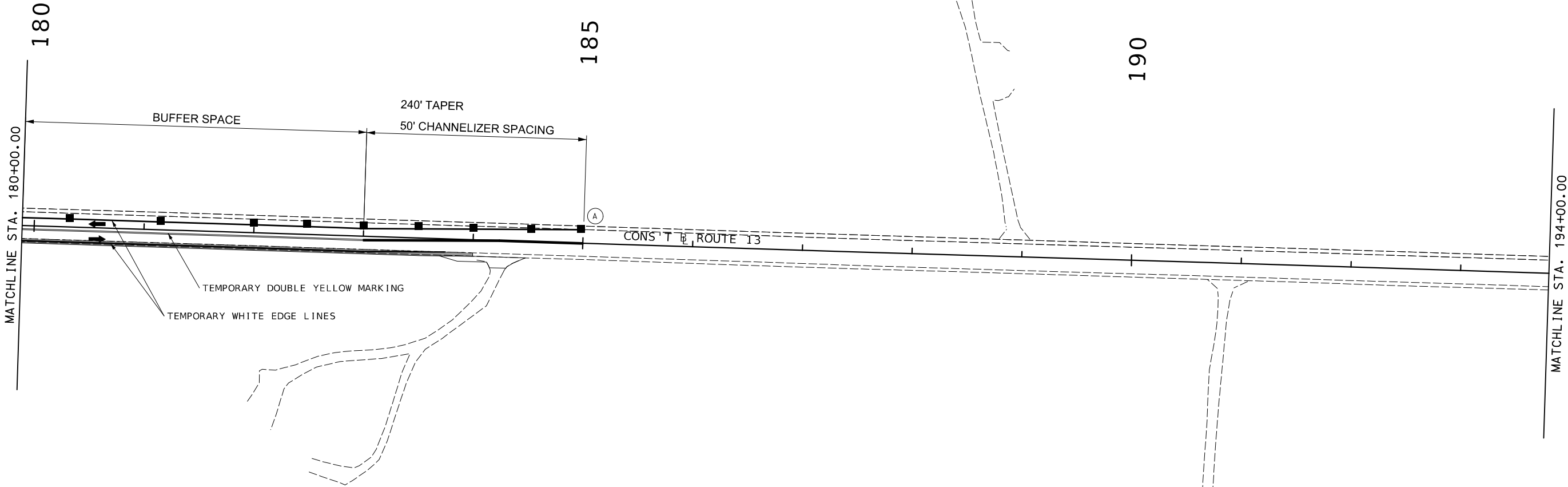
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

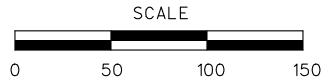
RTE 13 ADVANCED SIGN SERIES



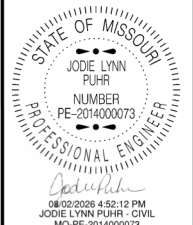
NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
SOUTHBOUND PASSING LANE 2
SHEET 44 OF 66



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.	

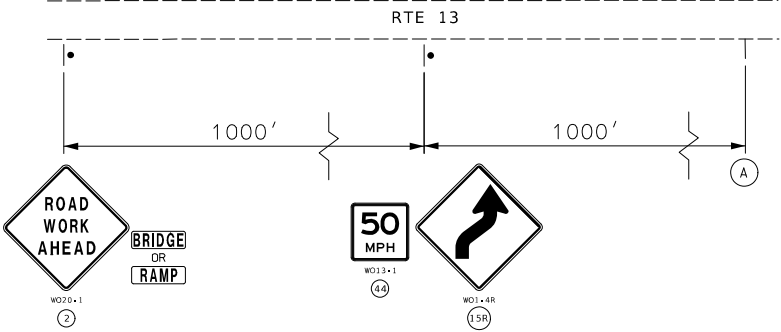
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



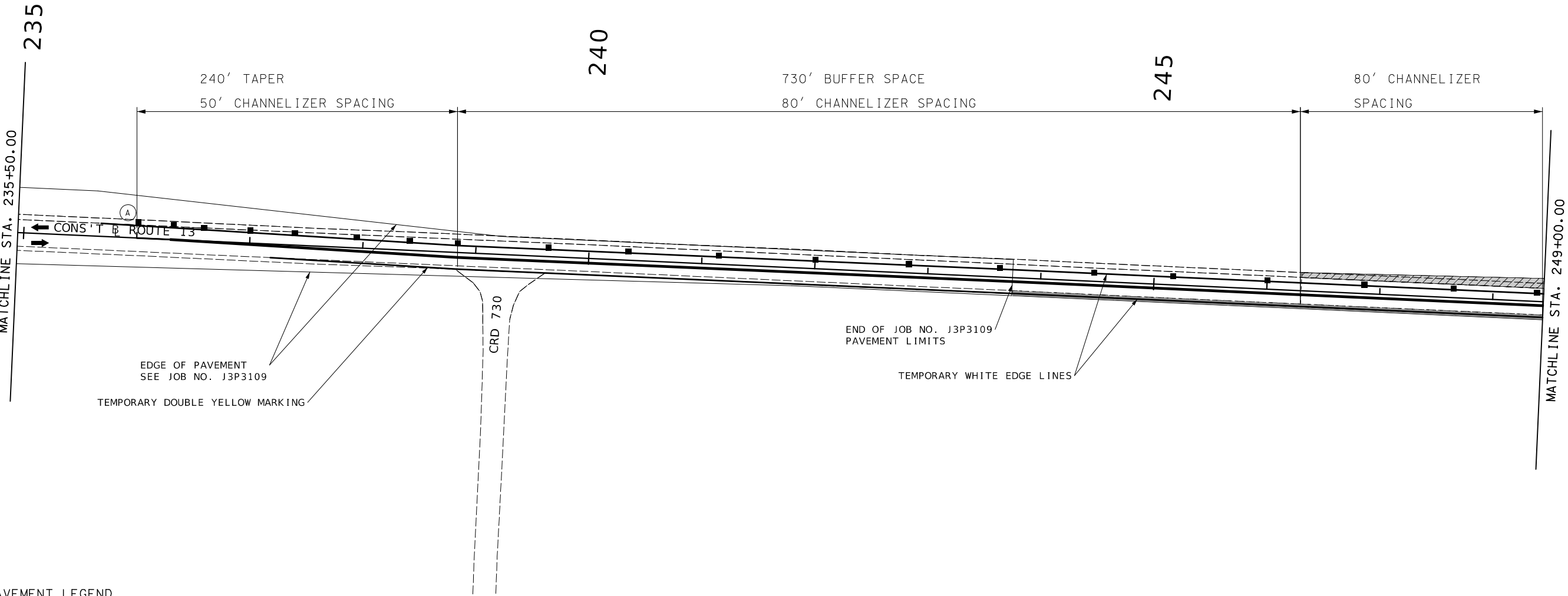
RTE 13 ADVANCED SIGN SERIES



TRAFFIC CONTROL LEGEND

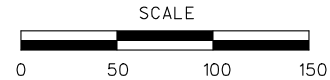
- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

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

STATE
MO

DISTRICT
KC

SHEET NO.
196

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

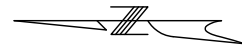
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

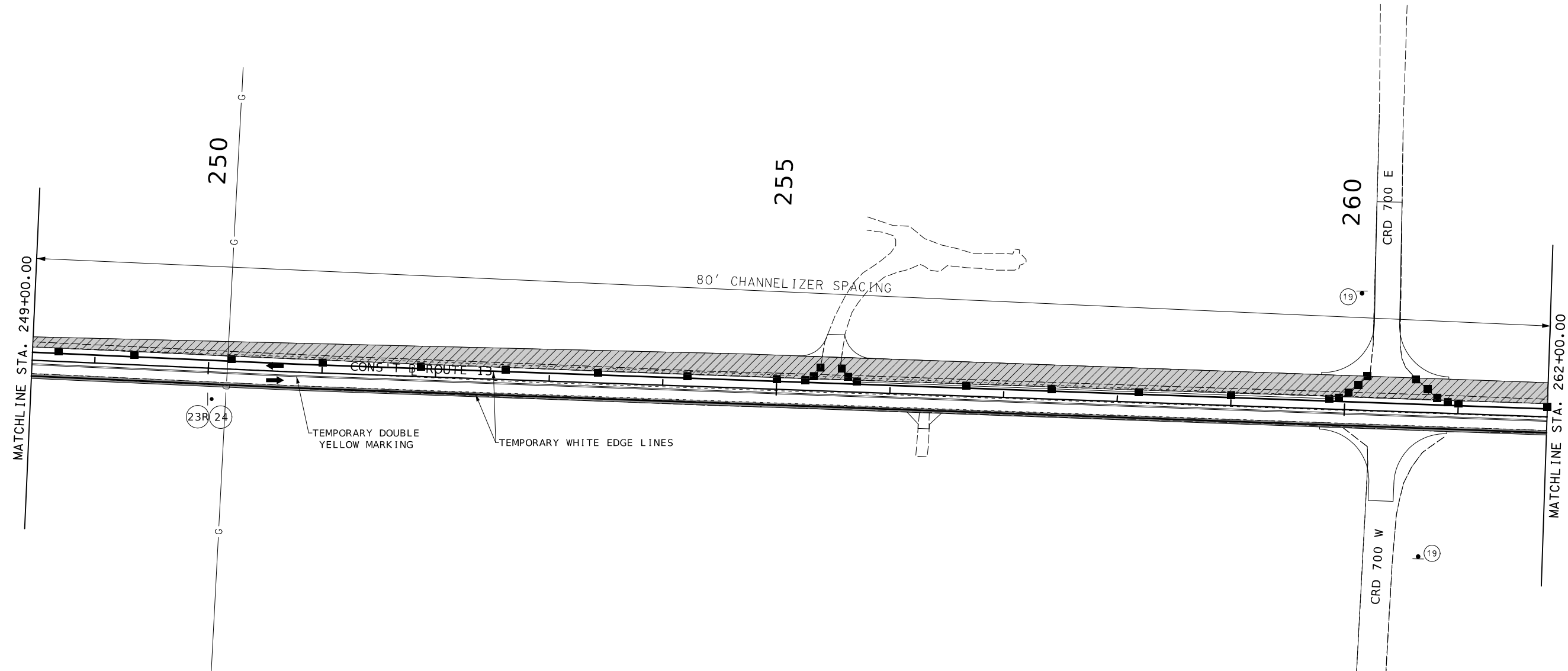
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

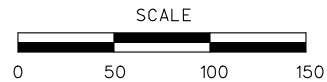


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



W08-1
19

W08-17
23R

SHOULDER
DROP-OFF
W08-17P
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

STATE OF MISSOURI
JODIE LYNN PLUHRI
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/02/2026 4:53:25 PM
JODIE LYNN PLUHRI - CIVIL
MO-PE-2014000073

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

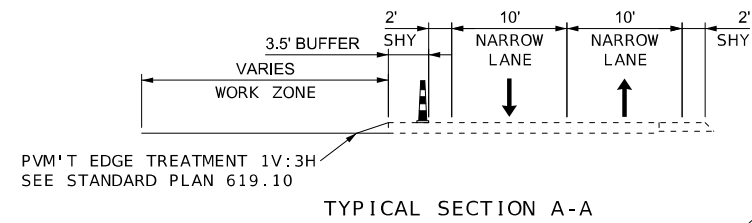
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

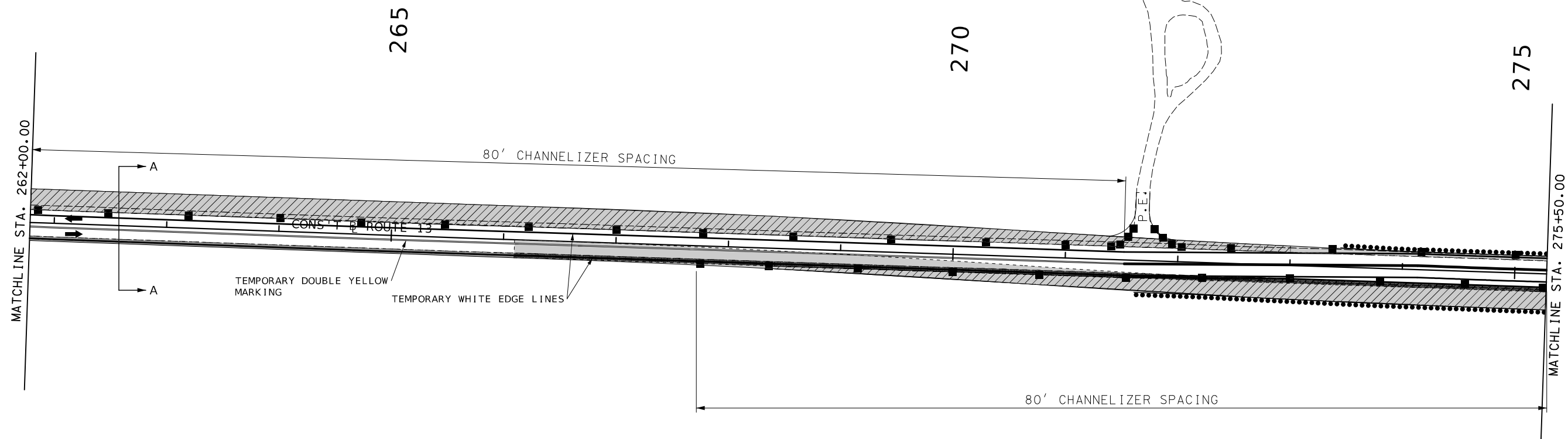


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

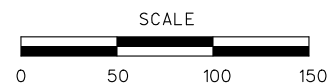


NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

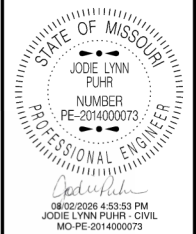


PAVEMENT LEGEND

- 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

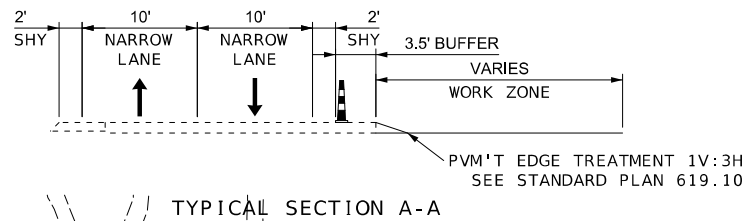
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

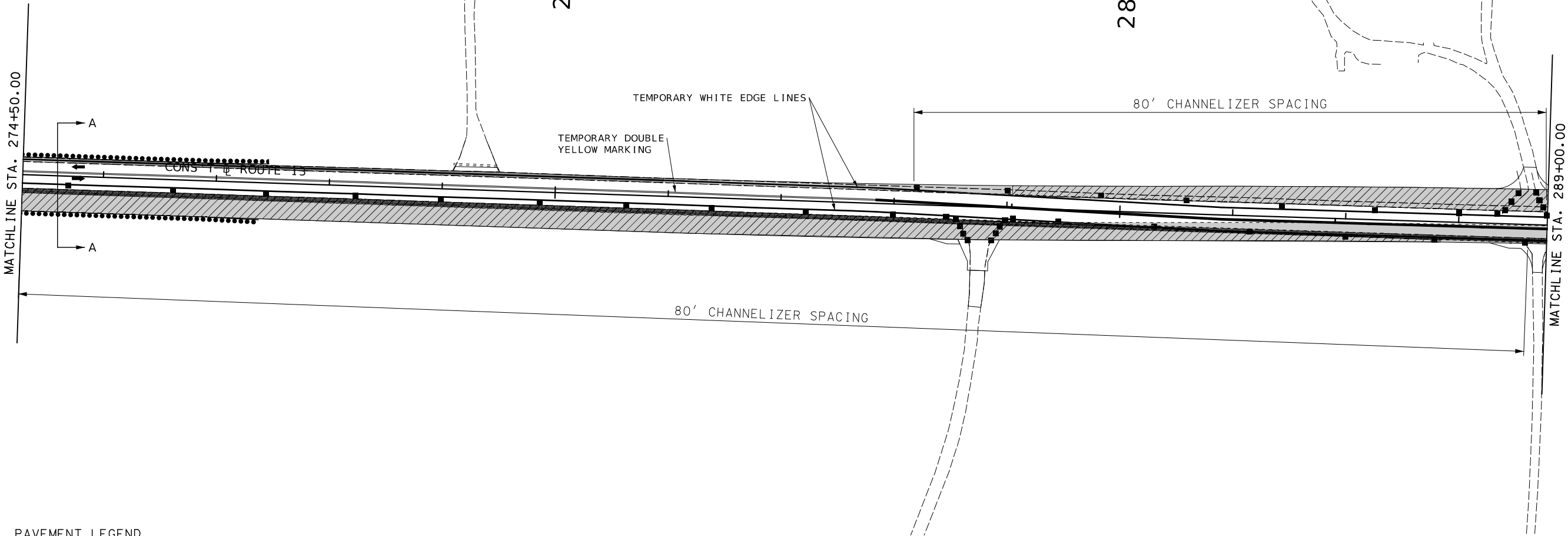


TRAFFIC CONTROL LEGEND

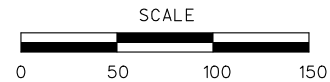
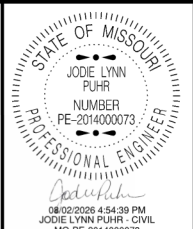
- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE



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

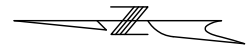


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 199
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

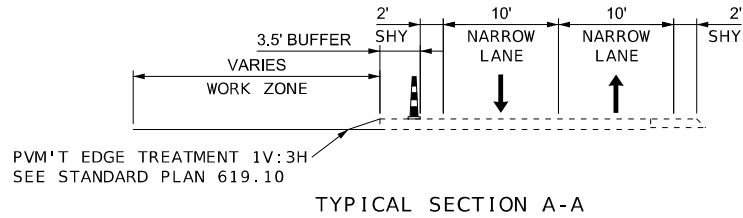
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

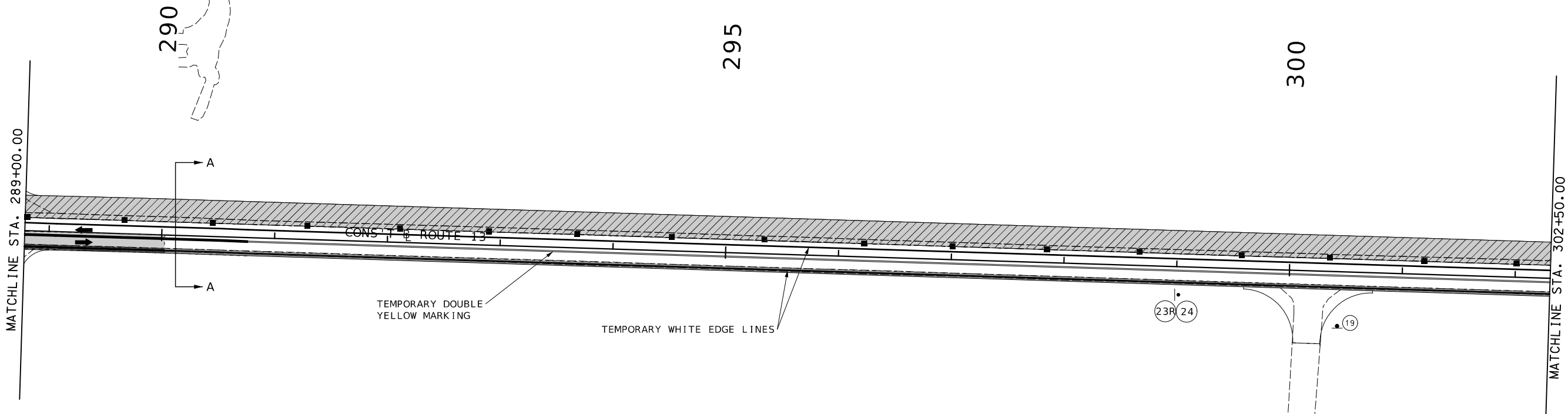


TRAFFIC CONTROL LEGEND

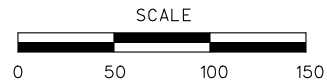
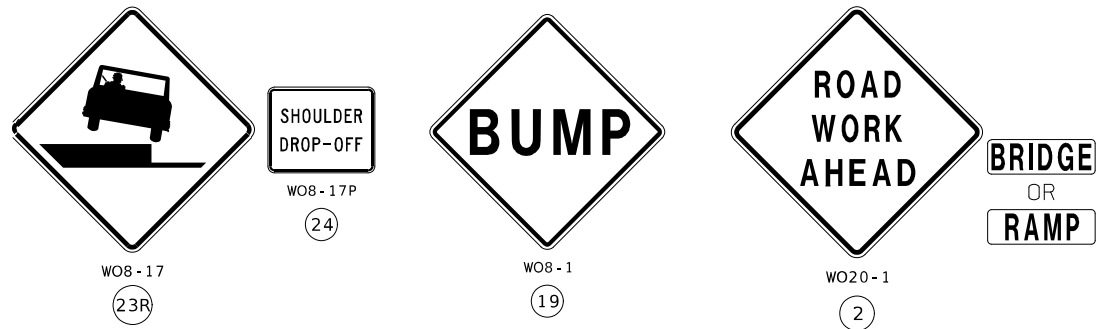
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



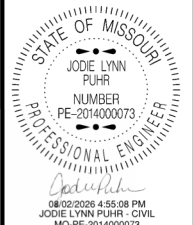
NOTES:
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING
SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING



- PAVEMENT LEGEND
- SHLDR REBUILD
 - ALTERNATE PVM'T



TRAFFIC CONTROL SHEET
NORRTHBOUND PASSING LANE 2
SHEET 49 OF 66



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)

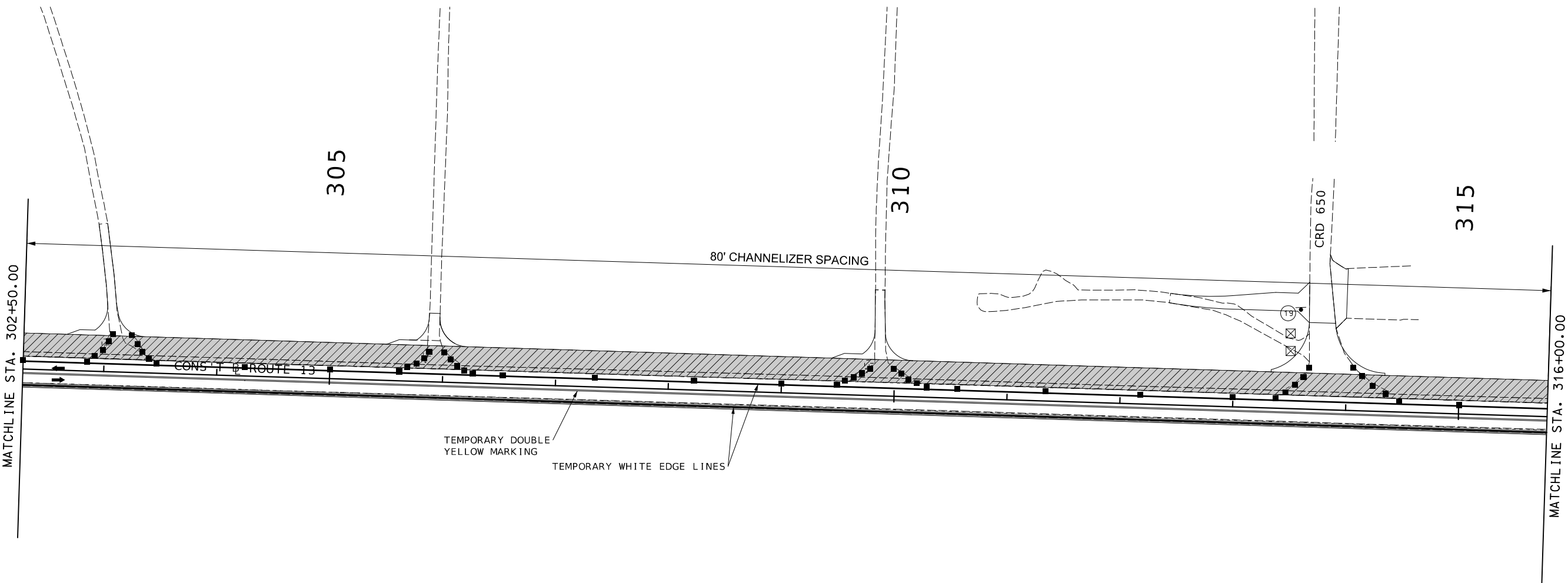


TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

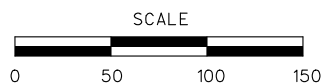
■ CHANNELIZER

▨ WORKZONE

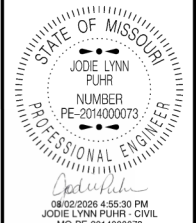


PAVEMENT LEGEND

SHLDR REBUILD
ALTERNATE PVM'T



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)

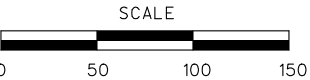
TRAFFIC CONTROL SHEET
NORTHBOUND PASSING LANE 2
SHEET 50 OF 66



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

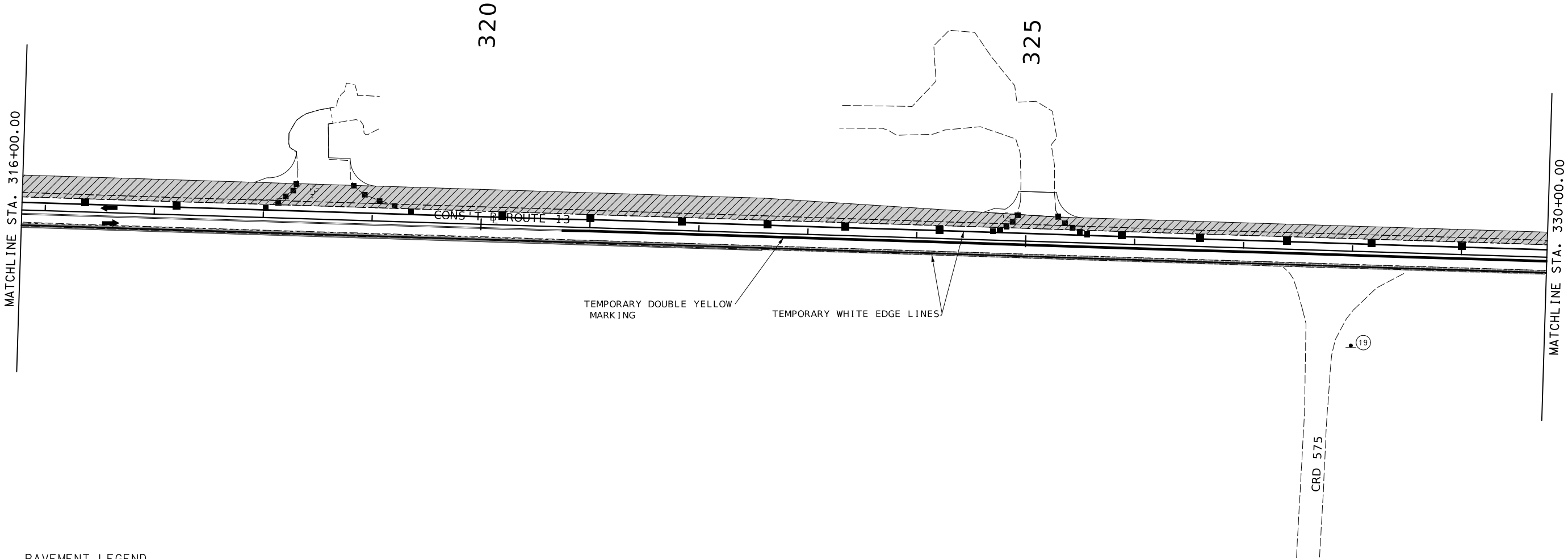
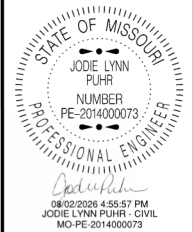
- PAVEMENT LEGEND
- SHLDR REBUILD
 - TEMP. PVM'T
 - ALTERNATE PVM'T



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

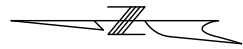


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 202
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

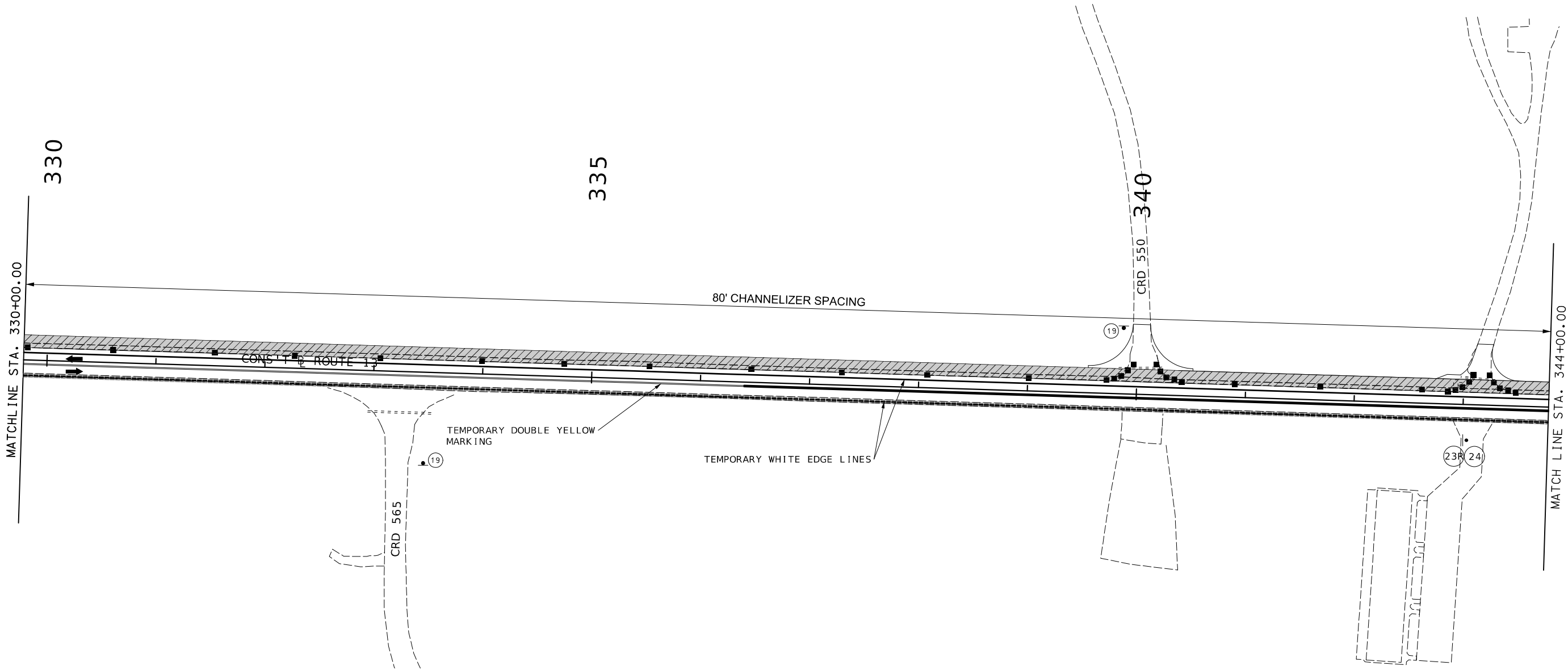
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



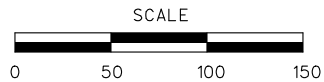
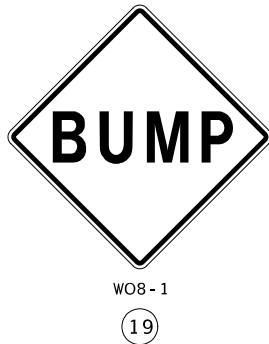
TRAFFIC CONTROL LEGEND

- 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

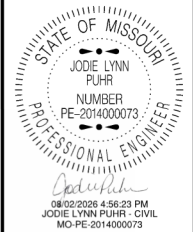


- PAVEMENT LEGEND
- SHLDR REBUILD
 - TEMP. PVM'T
 - ALTERNATE PVM'T



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

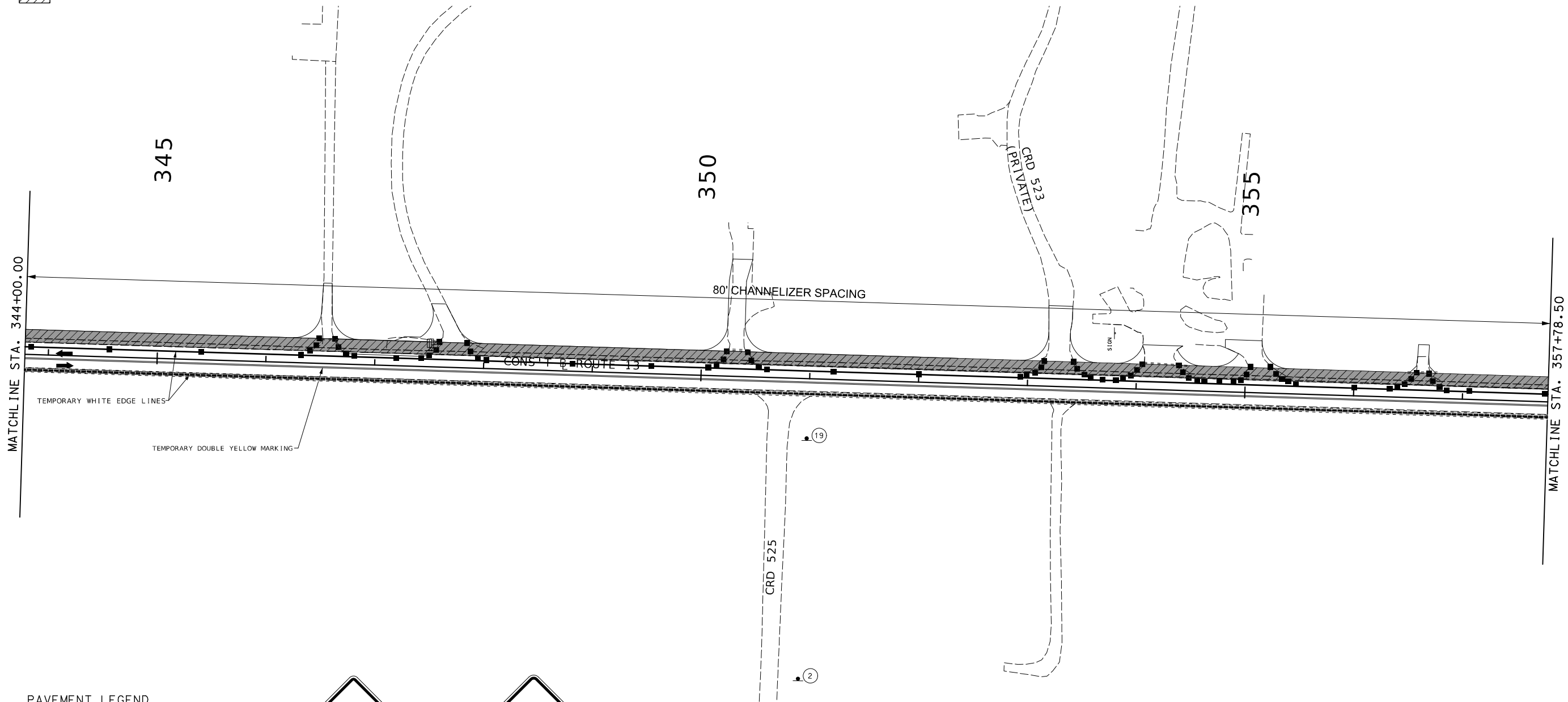
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TRAFFIC CONTROL LEGEND

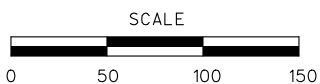
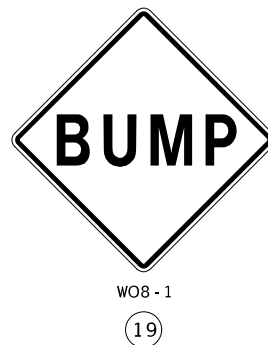
- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE

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

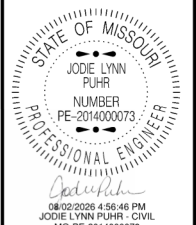


PAVEMENT LEGEND

- ▨ 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

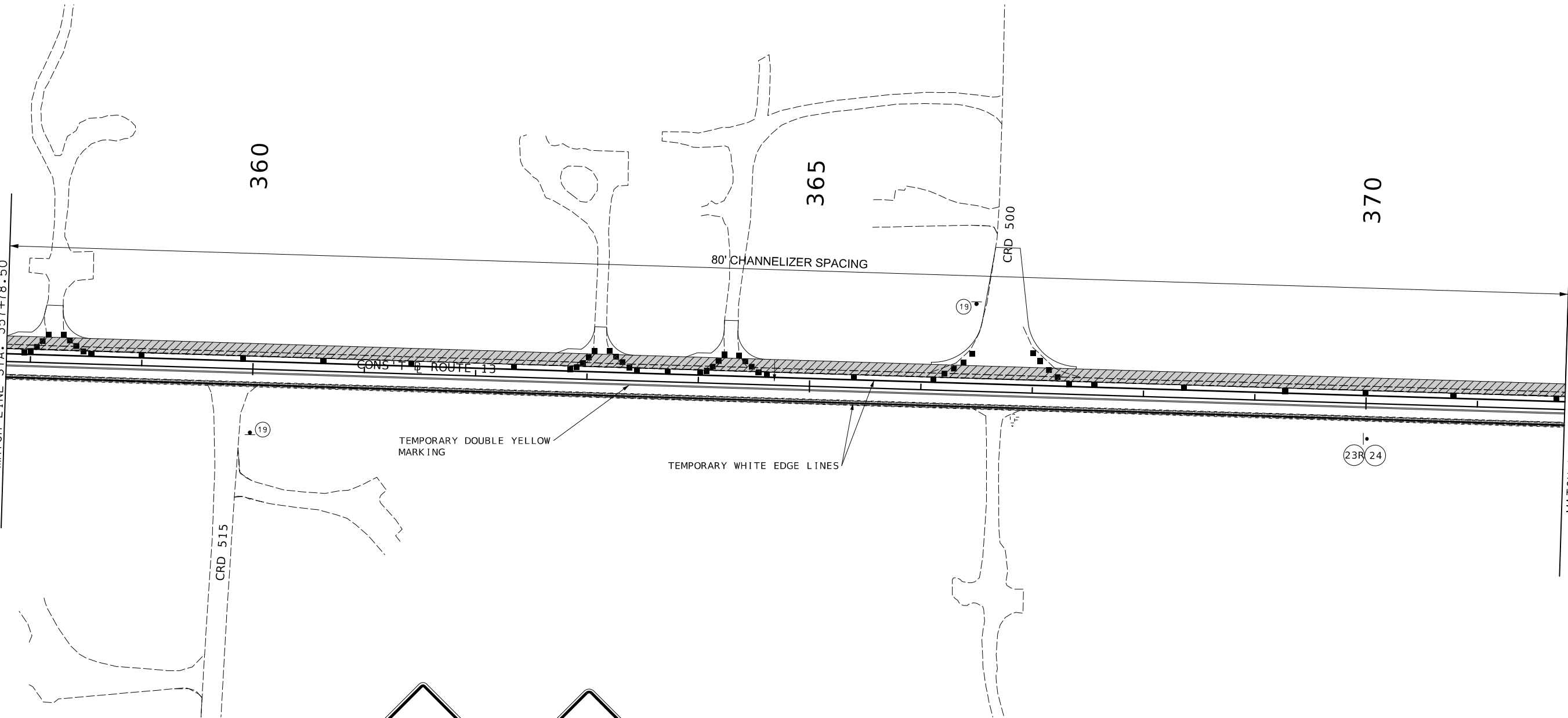
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

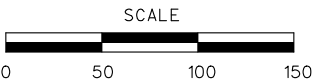
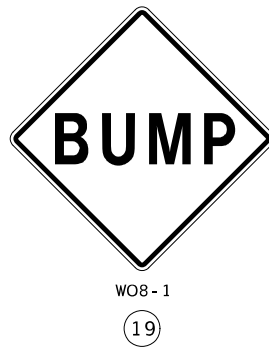


TRAFFIC CONTROL LEGEND

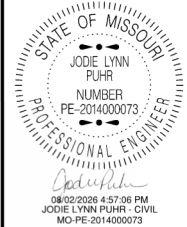
- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▨ WORKZONE



- 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

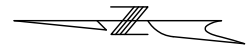


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 205
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J3P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



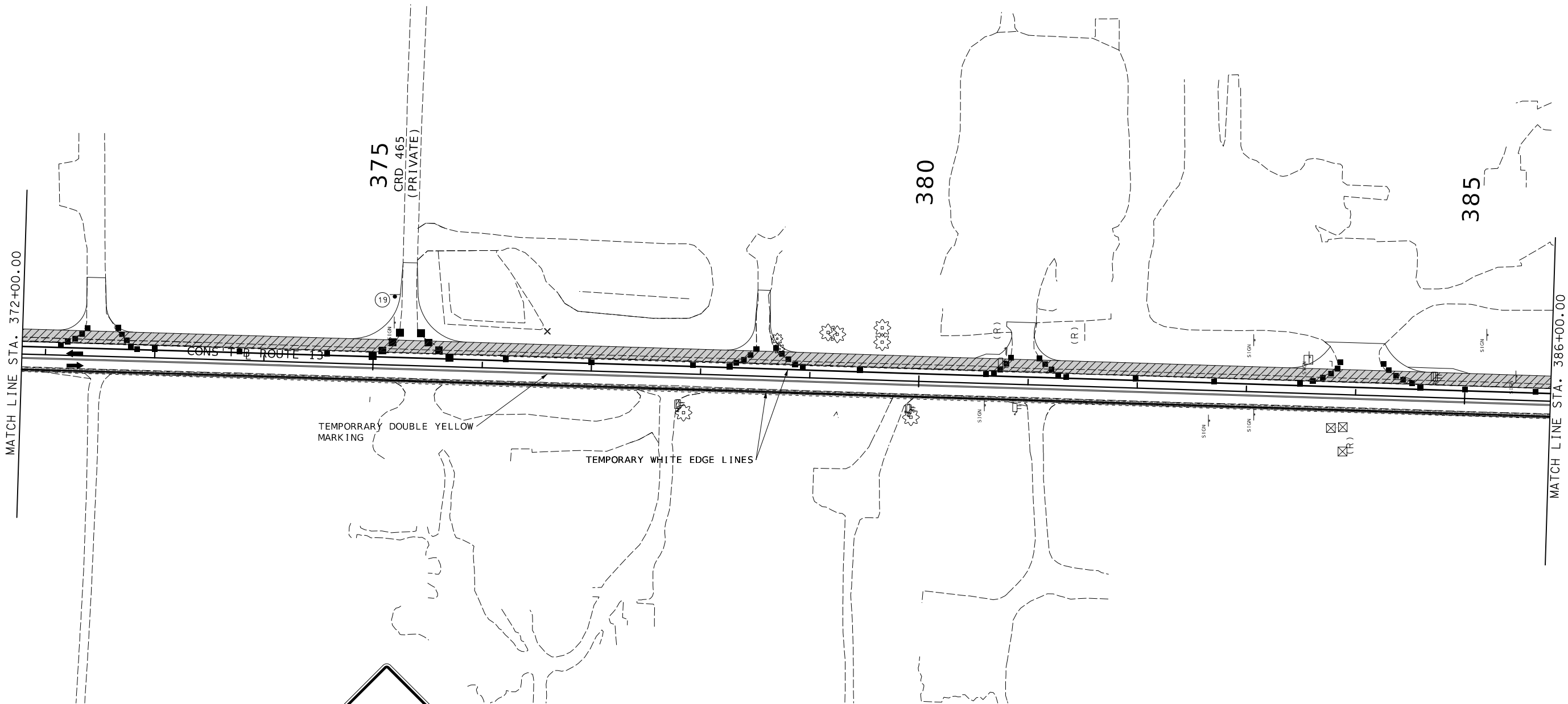
TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

■ CHANNELIZER

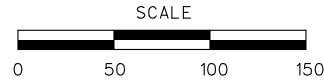
▨ WORKZONE

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

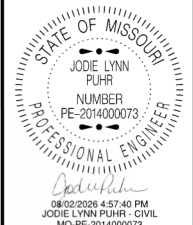
SHLDR REBUILD
TEMP. PVM'T
ALTERNATE PVM'T



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

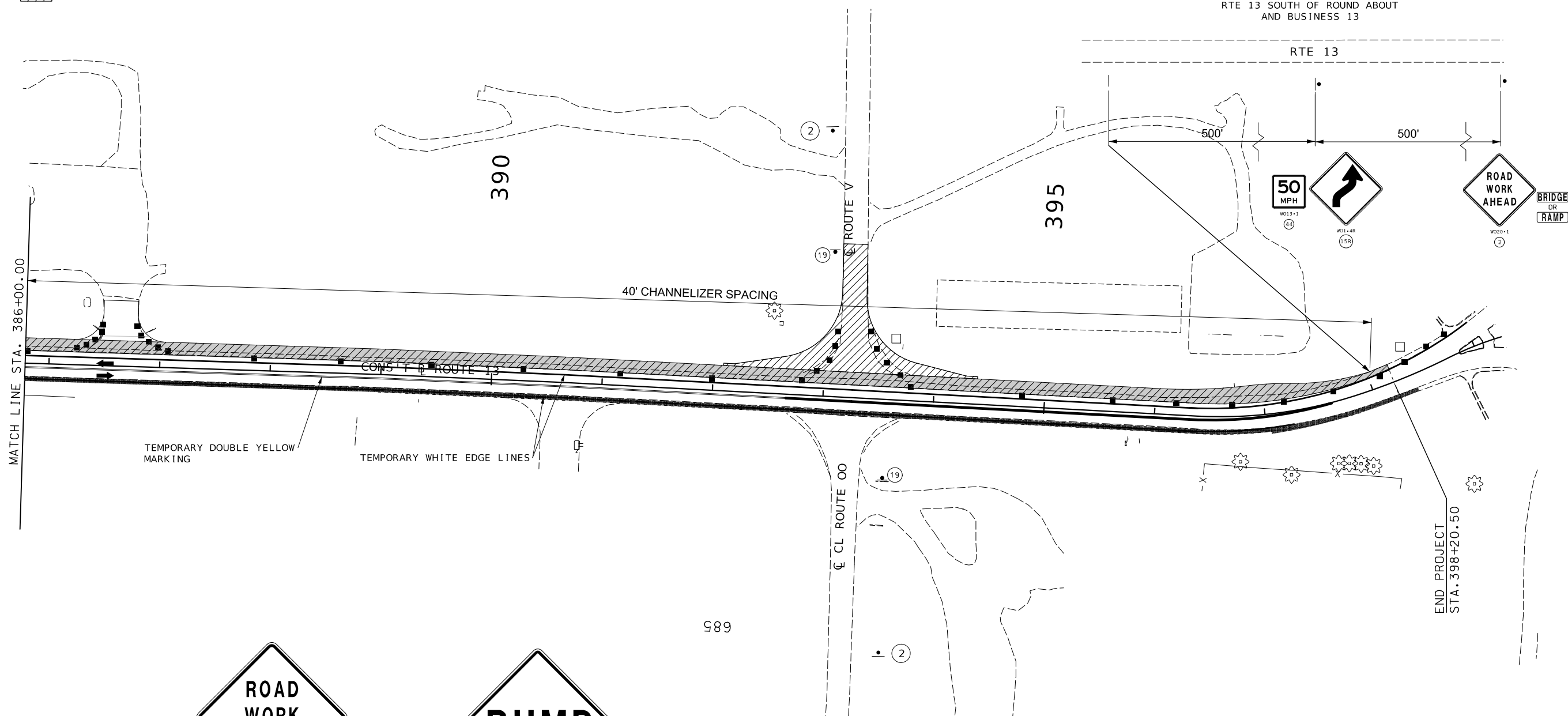
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

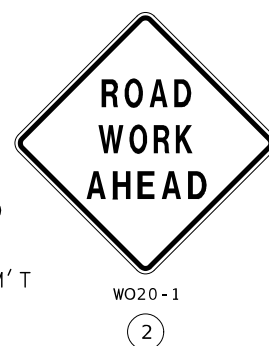
TRAFFIC CONTROL LEGEND

 SIGN (SINGLE SIDED)
 CHANNELIZER
 WORKZONE



PAVEMENT LEGEND

	SHLDR REBUILD
	TEMP. PVM' T
	ALTERNATE PVM' T



BRIDGE
OR
RAMP



NOTES:

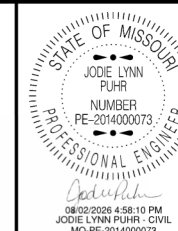
SEE SHEET 4 OF 66 FOR NARROW LANES STANDARD SIGN SPACING

SEE SHEET 6 OF 66 FOR SIDE ROADS ENTERING WORK ZONE STANDATD SIGN SPACING

*ADVANCED SIGN SERIES FOR
RTE 13 SOUTH OF ROUND ABOUT
AND BUSINESS 13

TWO-WAY LEFT-TURN CONSTRUCTION NOTE:
THE CONSTRUCTION PLANS SHOW THE SHOULDER REBUILD ON THE WEST SIDE OF RTE 13 FOR TRAFFIC TO MOVED ONTO WHILE THE EASE SIDE OF RTE 13 IS WIDENED FOLLOWED BY WIDENING ON THE WEST SIDE OF RTE 13 WITH TRAFFIC SHIFTED TO THE COMPLETED EAST SIDE WIDENING. THE CONTRACTOR MAY ELECT WHICH SIDE WILL BE WIDENED FIRST

TRAFFIC CONTROL SHEET
TWO WAY LEFT TURN LANE
SHEET 56 OF 66



DATE PREPARED
7/31/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 207

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
14P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

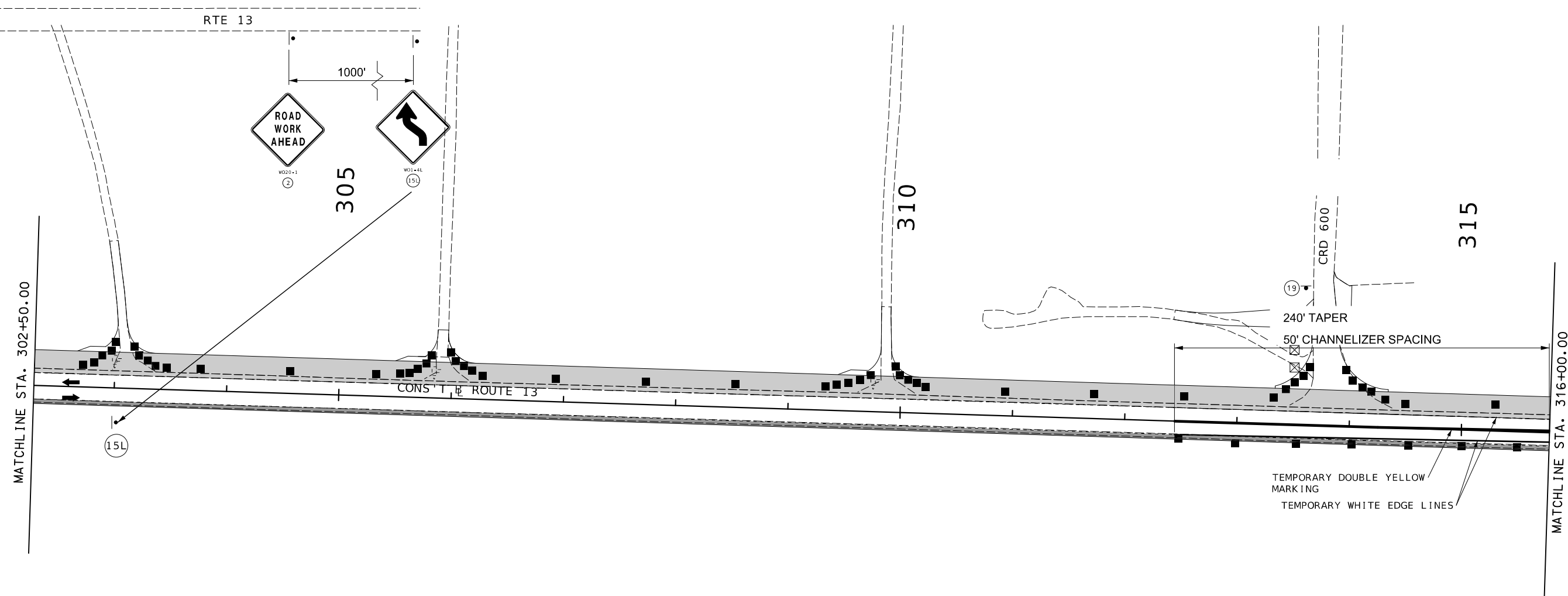
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

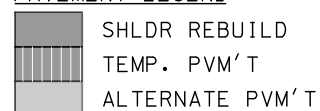


TRAFFIC CONTROL LEGEND

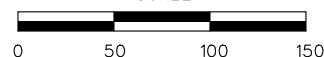
-  SIGN (SINGLE SIDED)
 CHANNELIZER
 WORKZONE



PAVEMENT LEGEND



SCALE

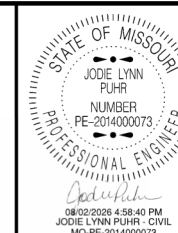


WO8 - 1

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 WIDENED. 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



DATE PREPARED

7/31/202

ROUTE	ST
1	1

13	M
0.1-0.999, 1-0.999	0.1-0.999

DISTRICT	SHEET
KC	2

RC	2
COUNTY	

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

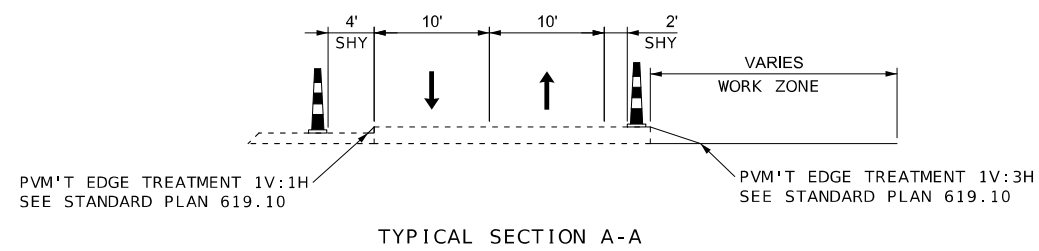
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

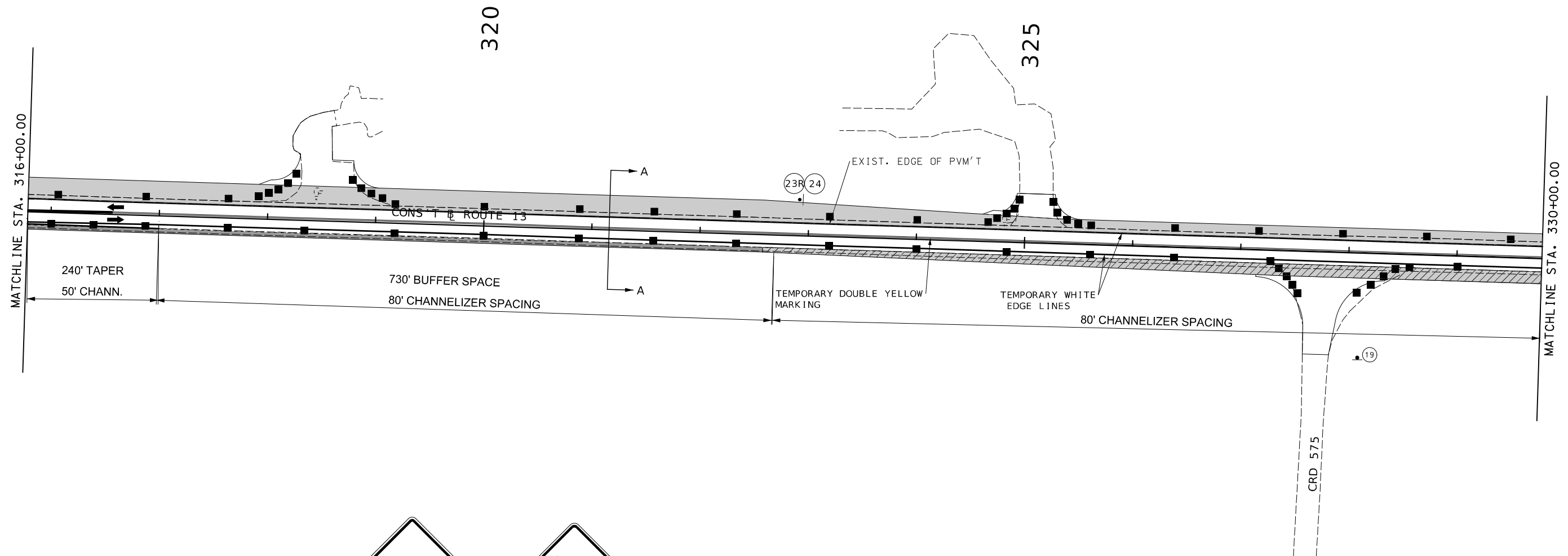


TRAFFIC CONTROL LEGEND

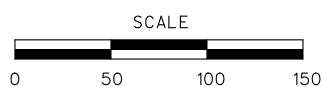
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE



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
(19)



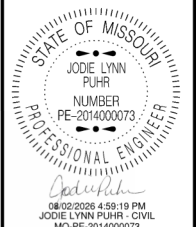
WO8-17
(23R)



WO8-17P
(24)

(23R) (24)

TRAFFIC CONTROL SHEET
TWO WAY LEFT TURN LANE
SHEET 58 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 209
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)

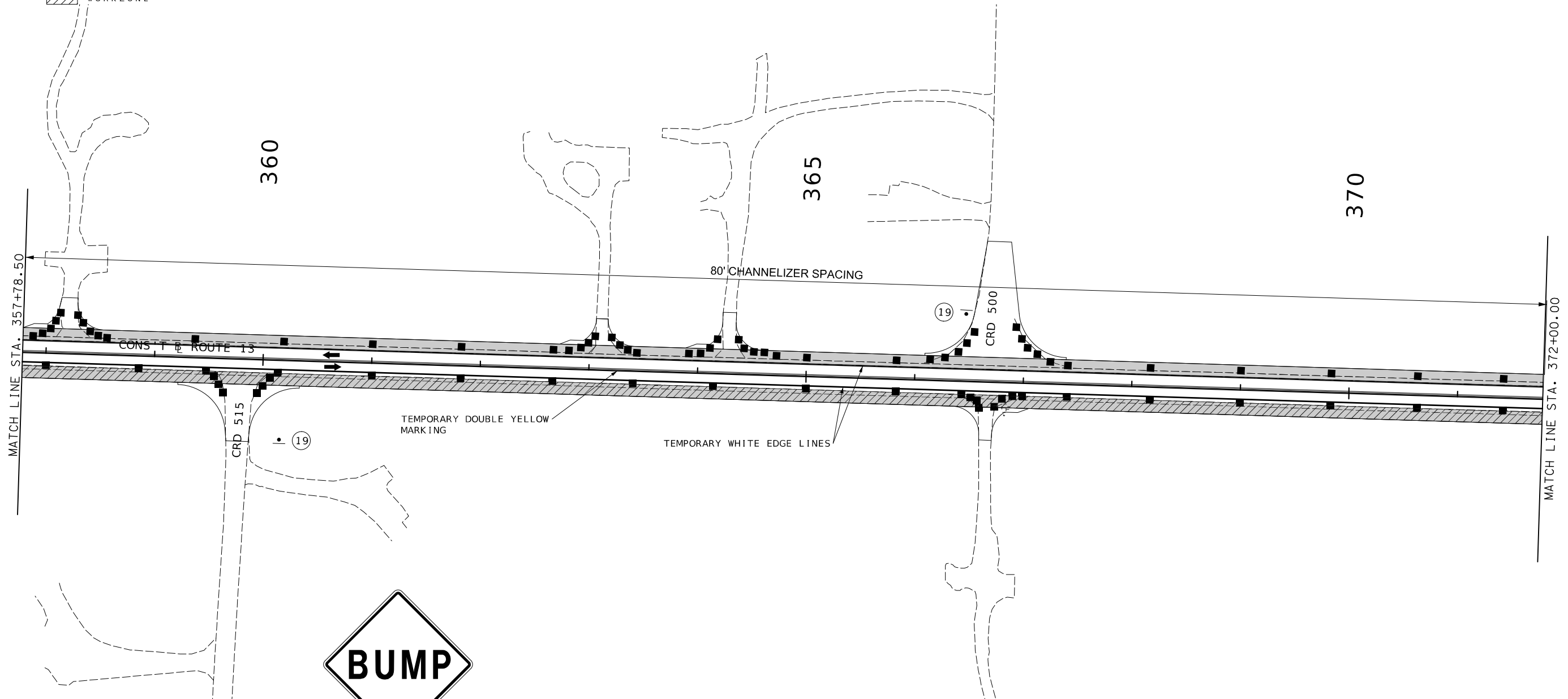


TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

■ CHANNELIZER

▨ WORKZONE



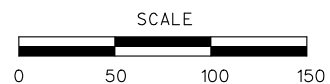
PAVEMENT LEGEND

▨ SHLDR REBUILD
▨ TEMP. PVM'T
▨ ALTERNATE PVM'T

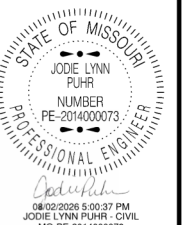


W08-1

(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

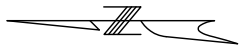


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 212
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J3P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

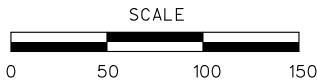


TRAFFIC CONTROL LEGEND

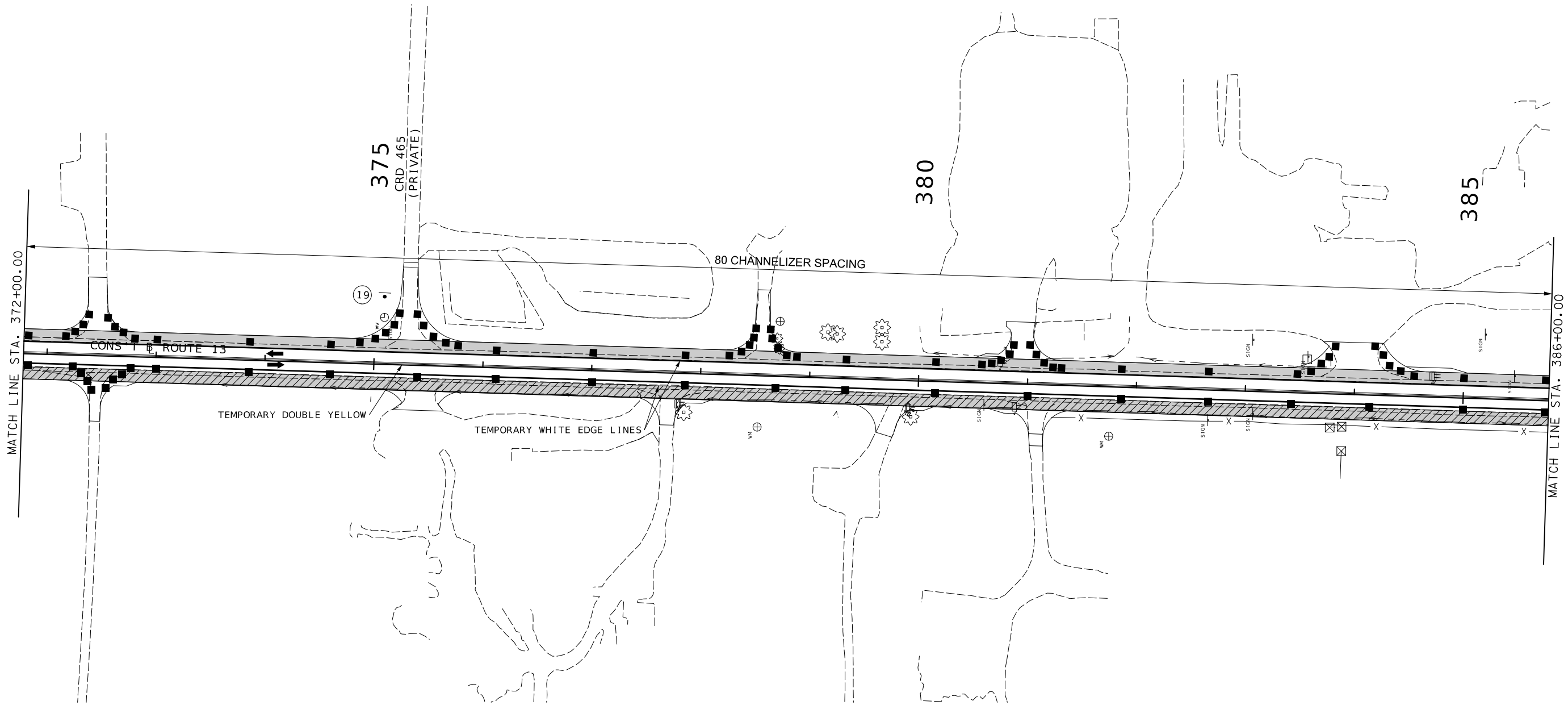
- SIGN (SINGLE SIDED)
- CHANNELIZER
- WORKZONE

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



STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/02/2026 5:01:01 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

DISTRICT
KC

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

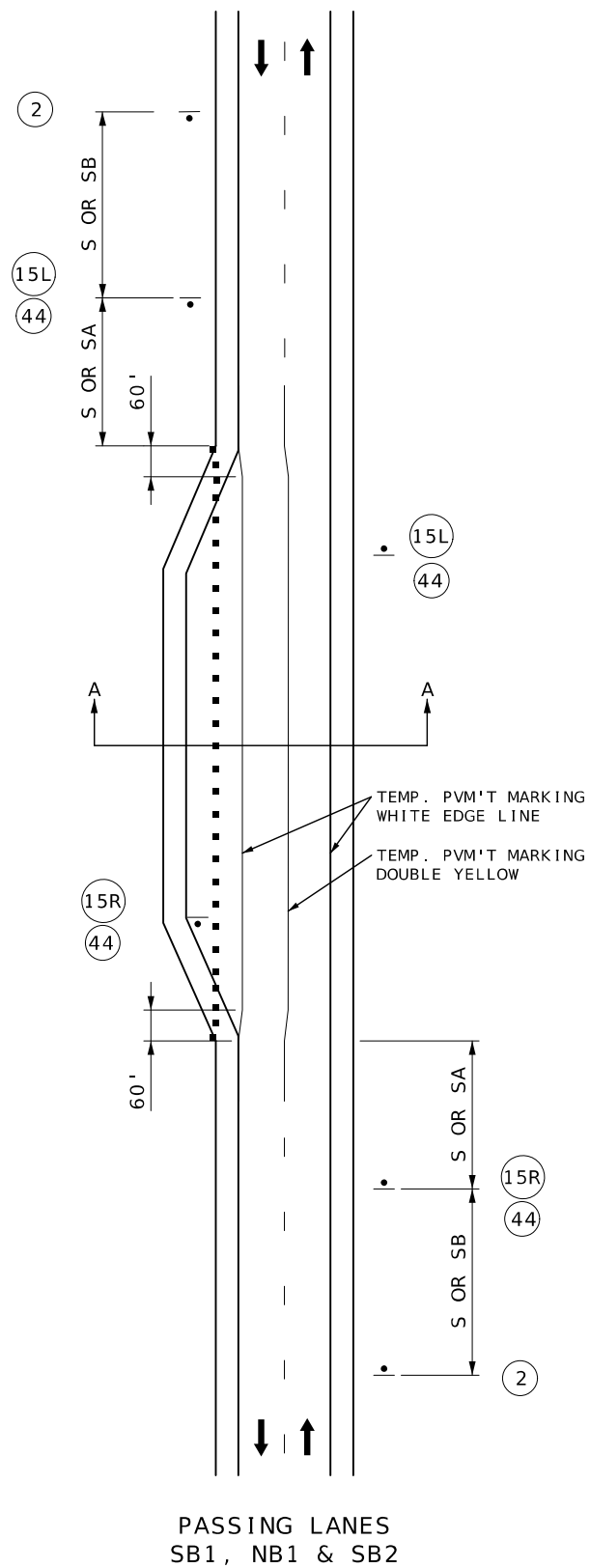
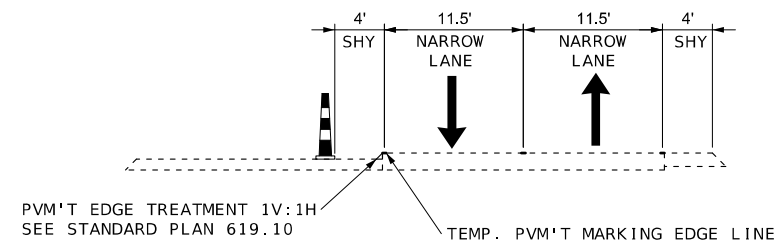
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

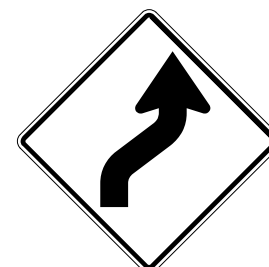
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



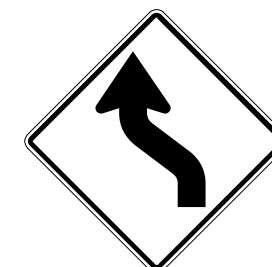
TYPICAL SECTION A-A



WO20-1
2



WO1-4R
15R



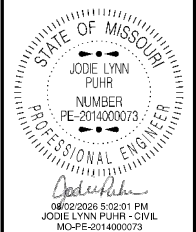
WO1-4L
15L



WO13-1
44

LANE SHIFT AFTER WIDENING & BEFORE RESURFACING, SHEET 1 OF 2

TRAFFIC CONTROL SHEET
LANE SHIFT
AFTER WIDENING &
BEFORE RESURFACING
SHEET 64 OF 66



DATE PREPARED
7/31/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 215

COUNTY LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

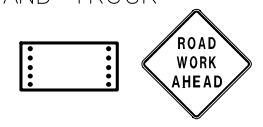
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



1. *Journal of the American Medical Association*, 2000; 283: 2689-2695.



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



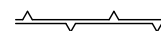
ROCK DITCH CHECK



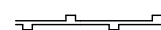
SEDIMENT TRAP



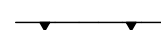
ENERGY DISSIPATOR



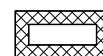
TEMPORARY BERM TYPE B



TEMPORARY BERM TYPE C



SILT FENCE



TEMPORARY SEDIMENT BASIN



PERMANENT SEDIMENT BASIN

DATE PREPARED

8/3/2026

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

DISTRICT	SHEET NO.
KC	218

COUNTY
LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

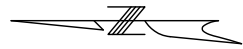
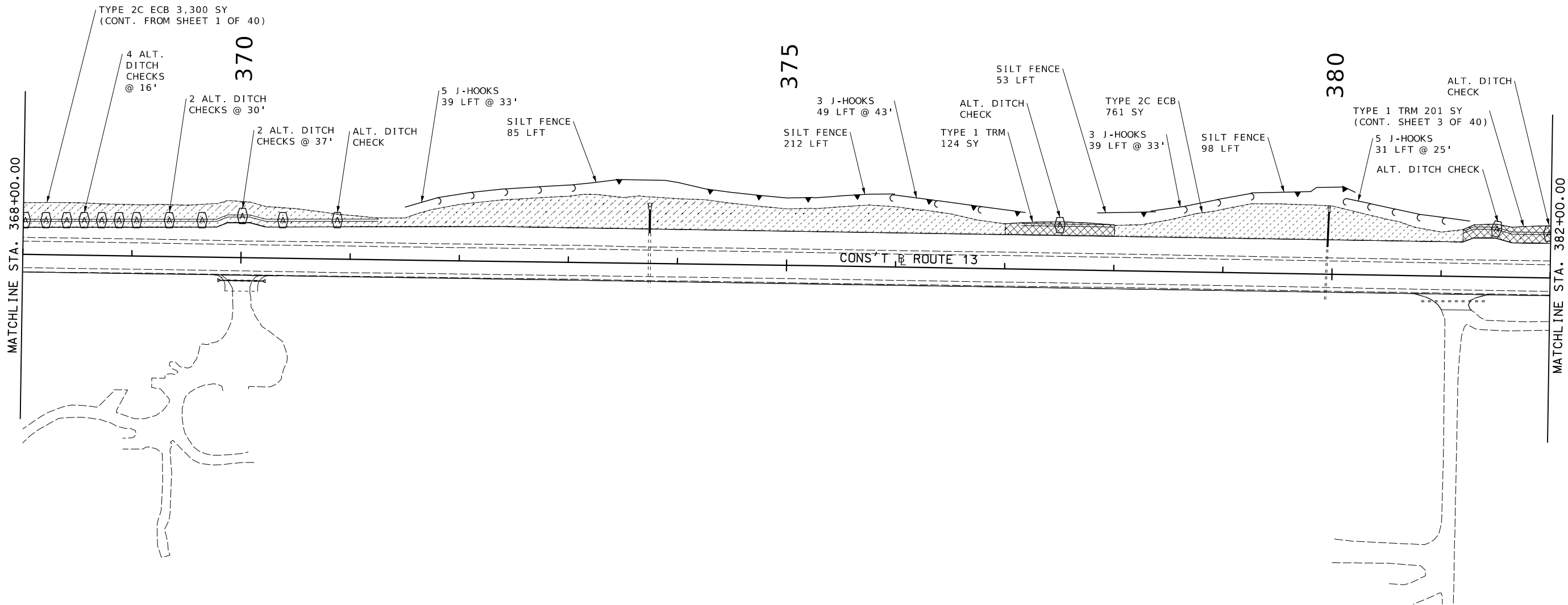
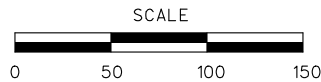
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

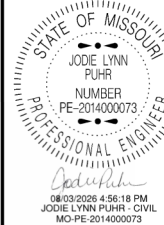
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EROSION CONTROL SHEET
SHEET 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.

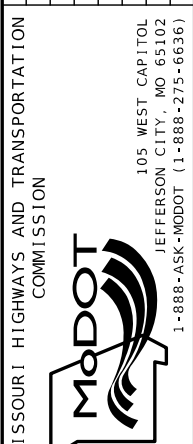
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

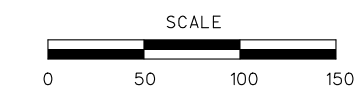
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

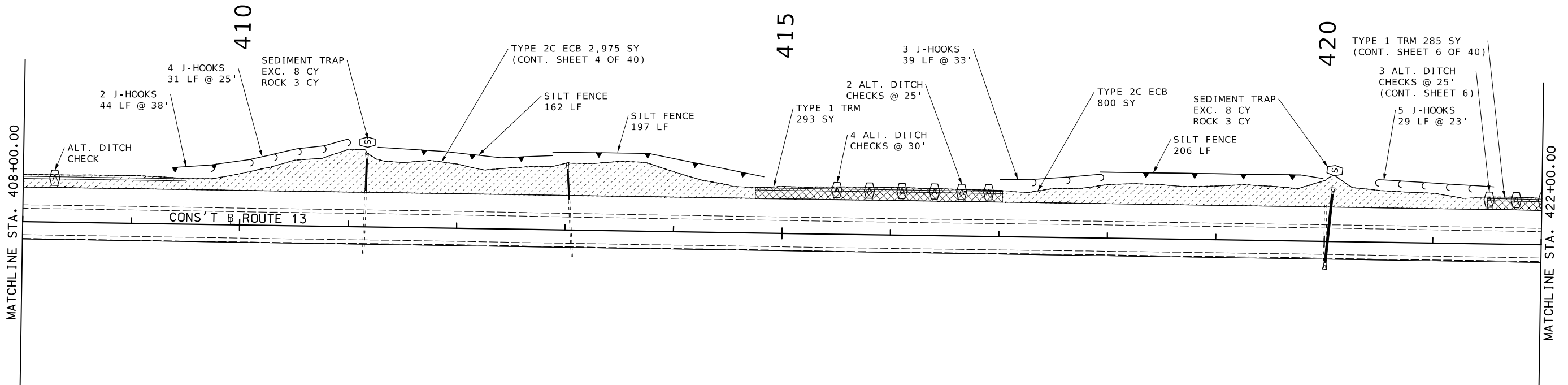


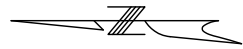
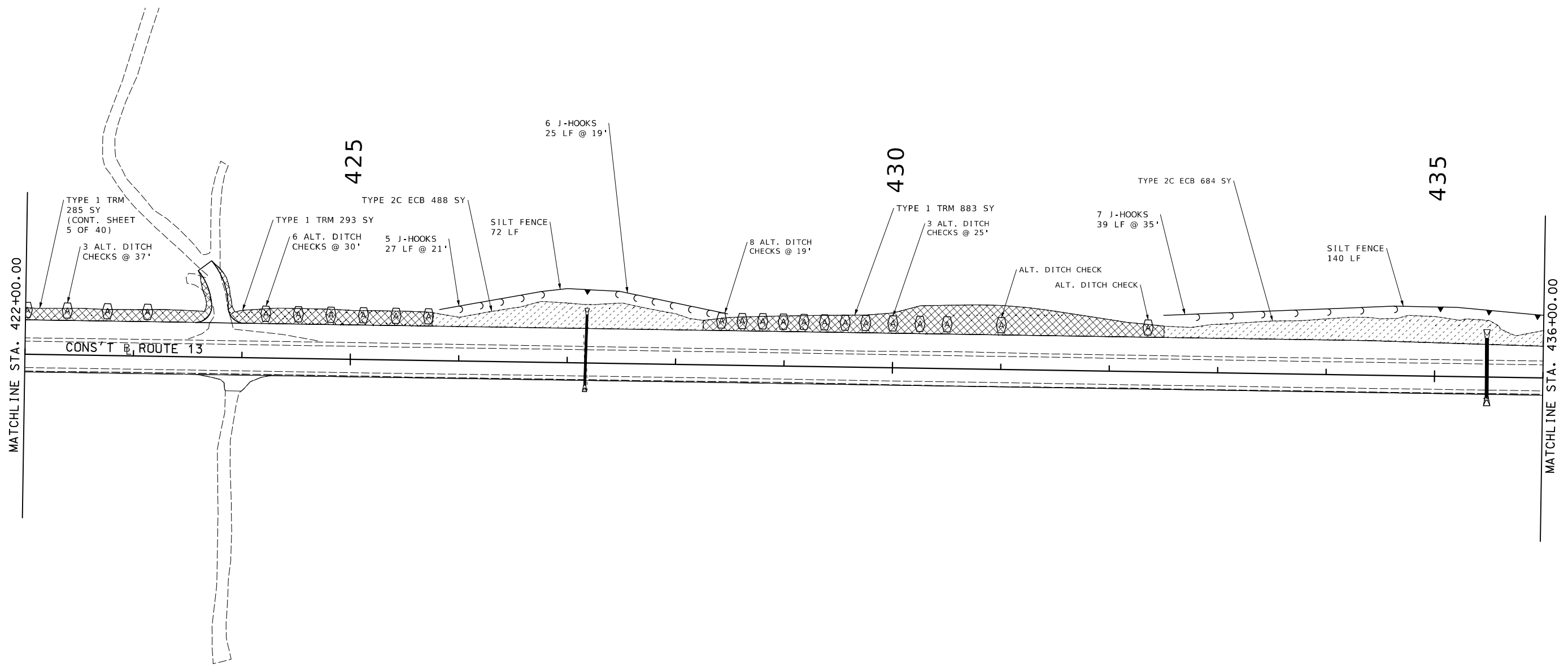
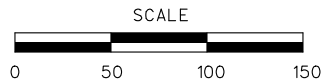
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

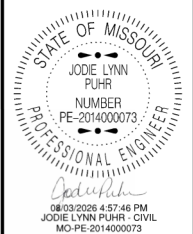
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)







EROSION CONTROL SHEET
SHEET 6 OF 40



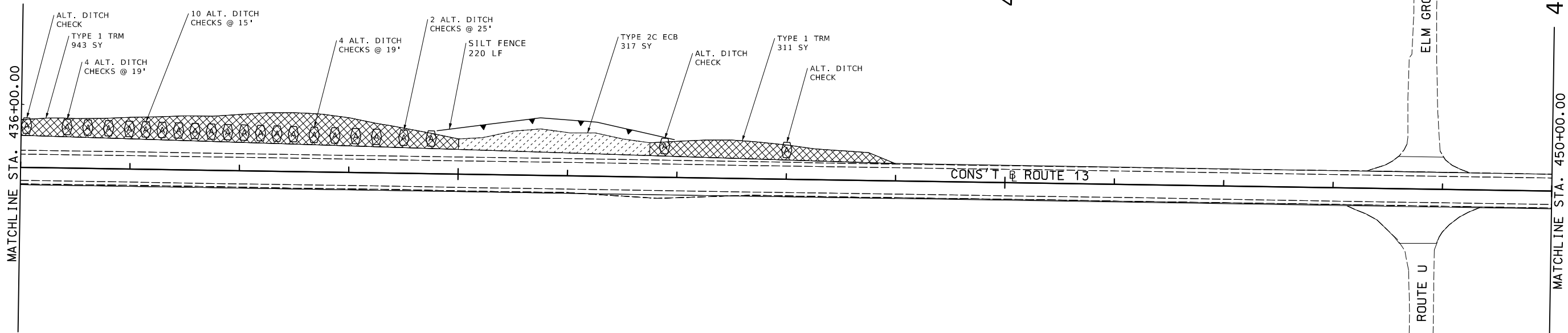
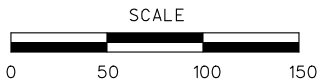
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 223
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

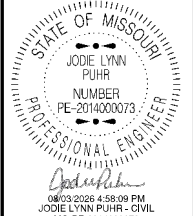
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



EROSION CONTROL SHEET
SHEET 7 OF 40



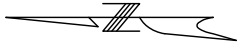
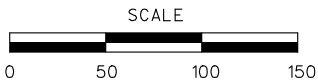
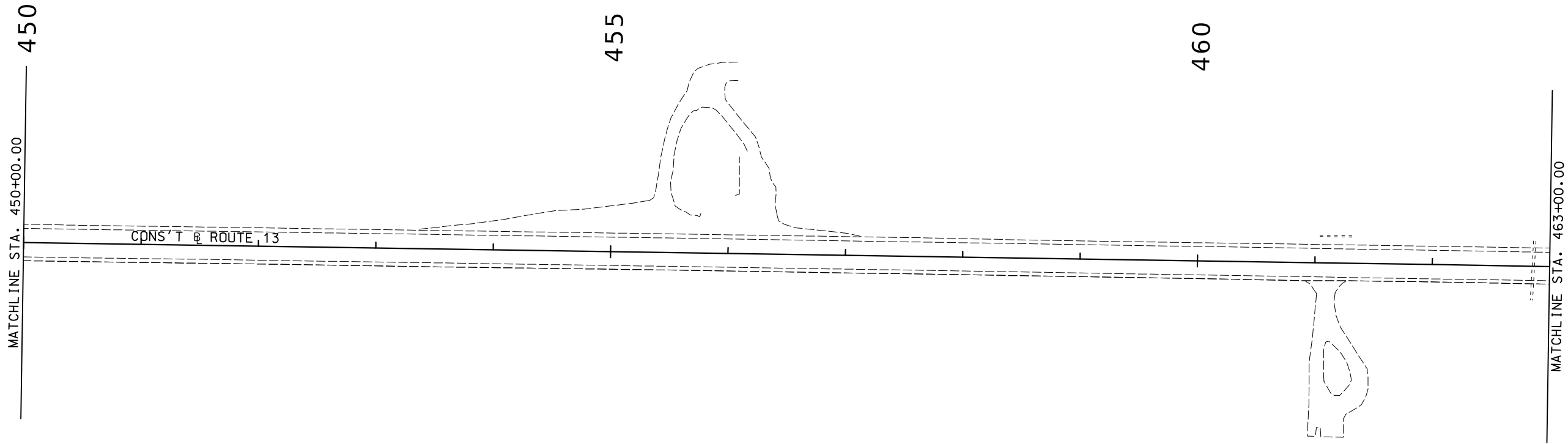
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 224
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

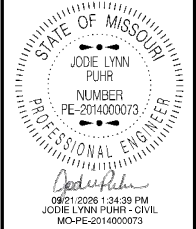
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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



EROSION CONTROL SHEET
SHEET 8 OF 40

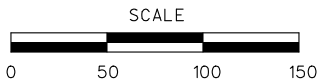
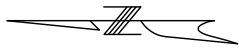


DATE PREPARED 9/21/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 225
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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

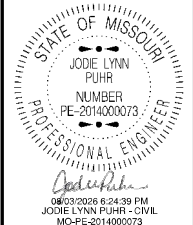
465

470

475

MATCHLINE STA. 475+00.00

EROSION CONTROL SHEET
SHEET 9 OF 40



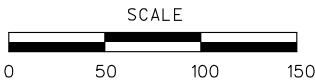
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 226
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

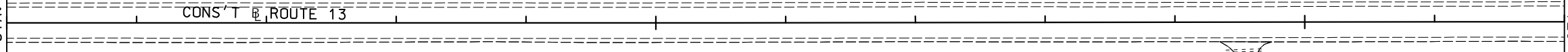
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

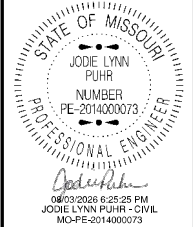


MATCHLINE STA. 475+00.00 475



MATCHLINE STA. 487+00.00

EROSION CONTROL SHEET
SHEET 10 OF 40



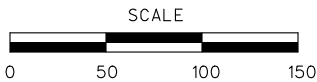
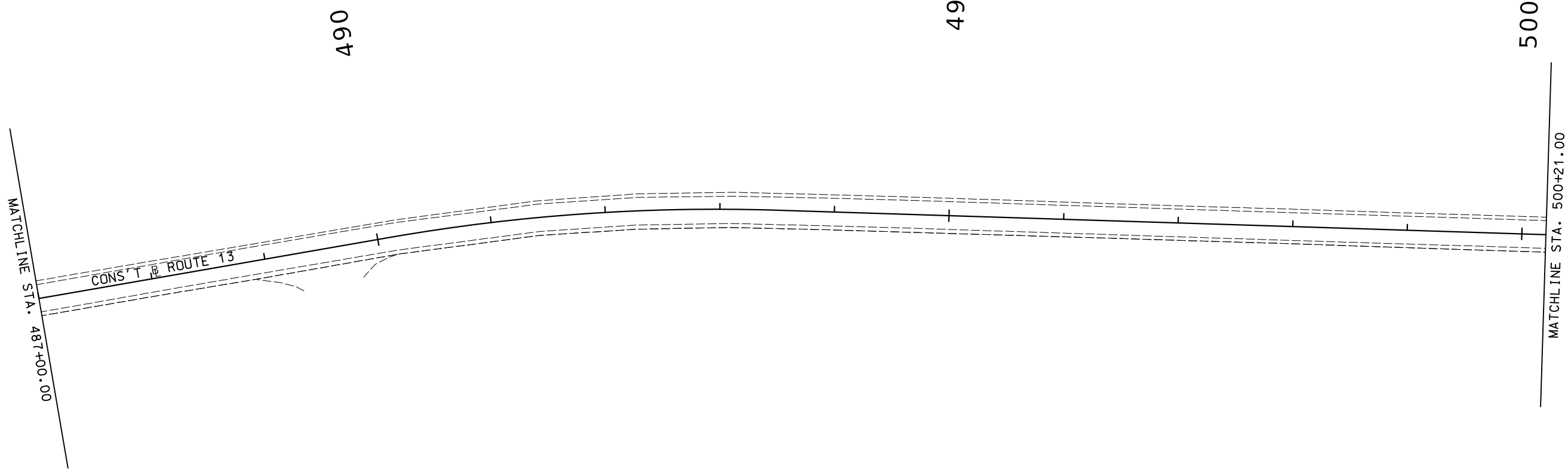
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 227
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

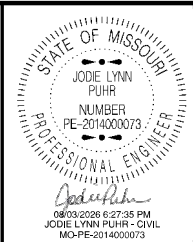
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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EROSION CONTROL SHEET
SHEET 11 OF 40



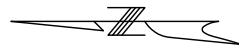
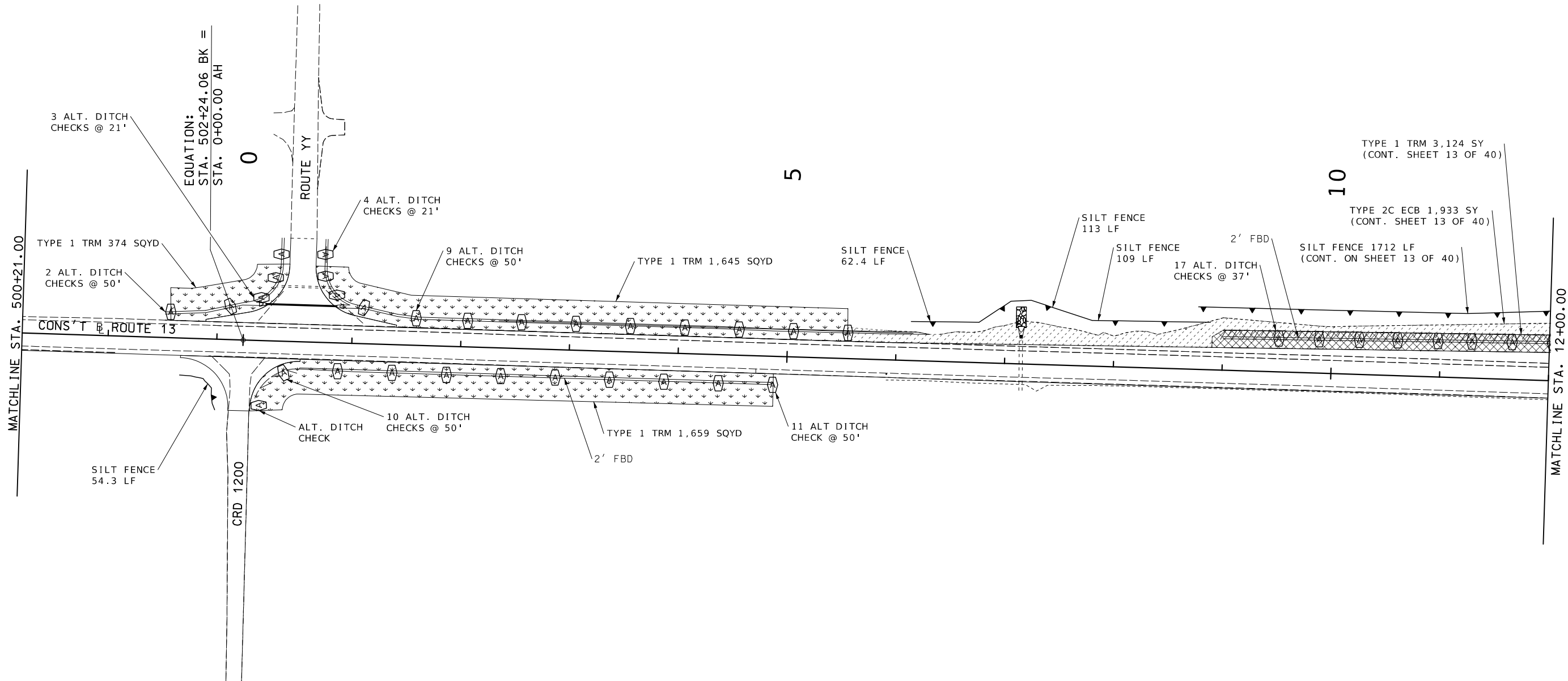
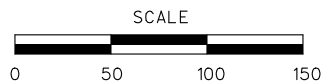
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 228
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

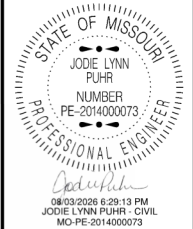
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



EROSION CONTROL SHEET
SHEET 12 OF 40



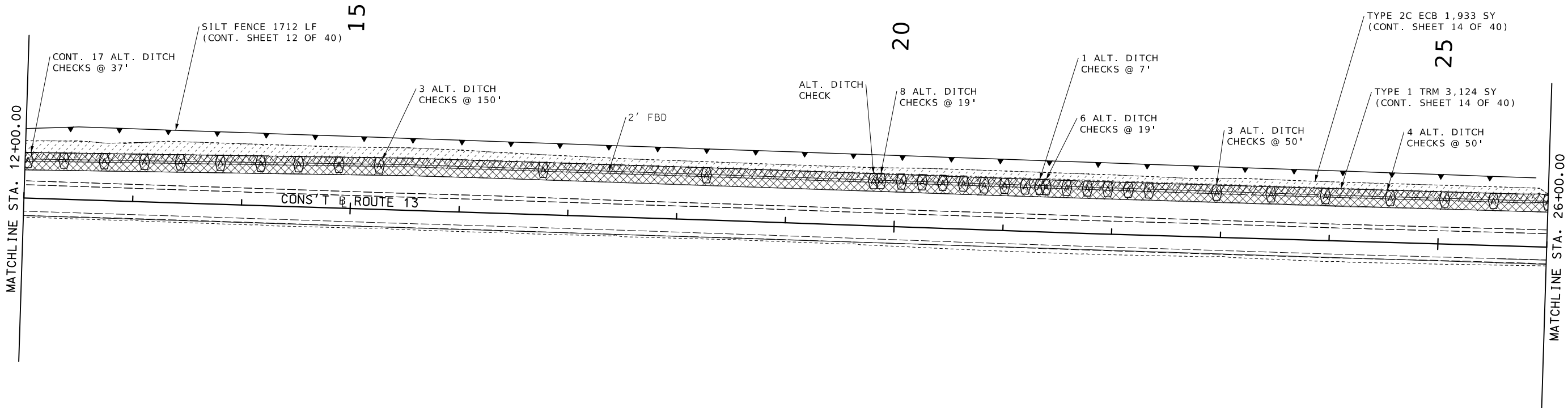
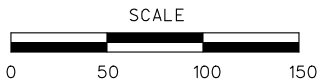
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 229
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

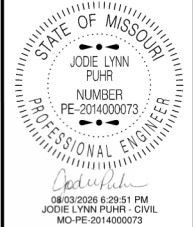
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



EROSION CONTROL SHEET
SHEET 13 OF 40

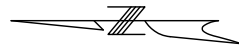
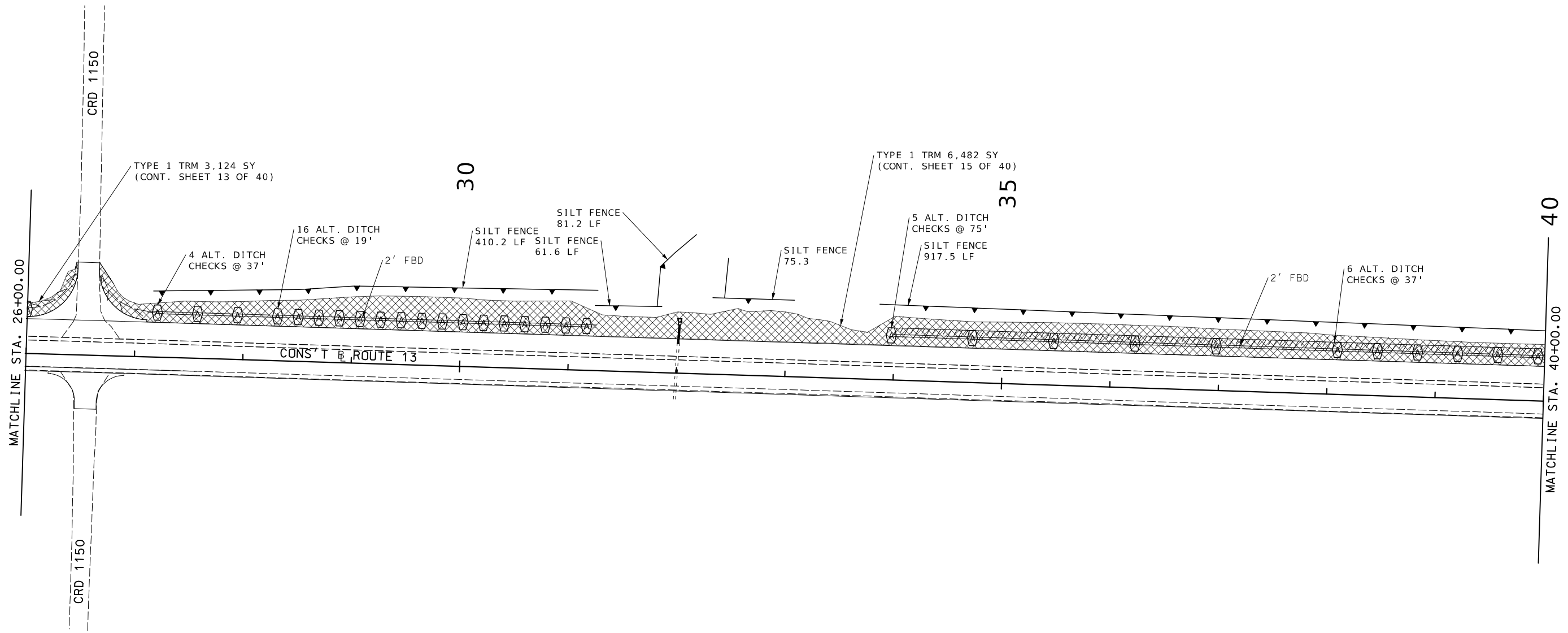
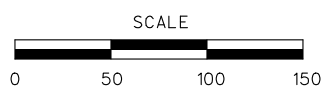


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 230
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

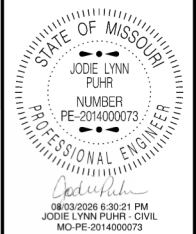
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



EROSION CONTROL SHEET
SHEET 14 OF 40



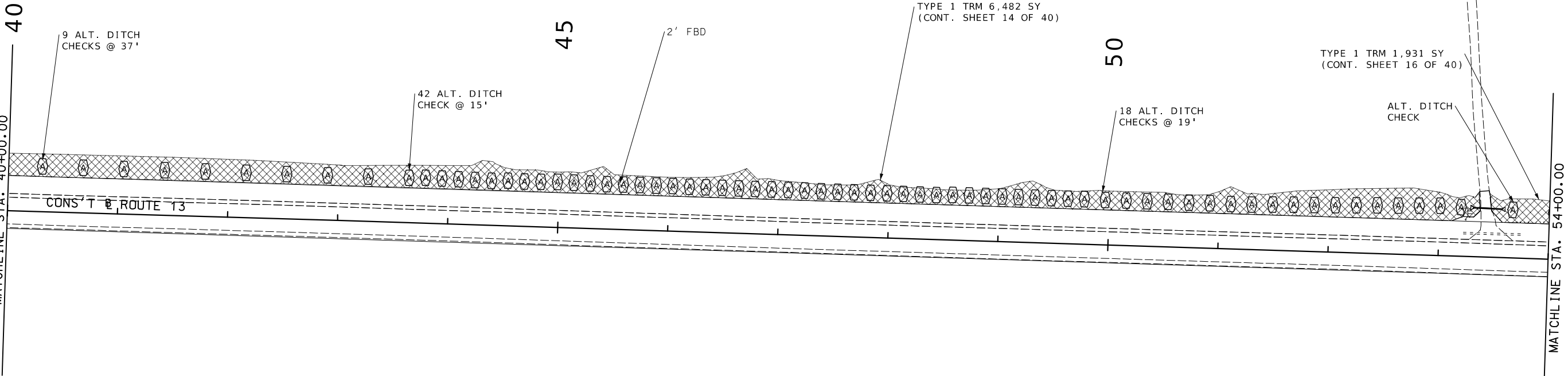
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 231
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

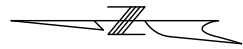
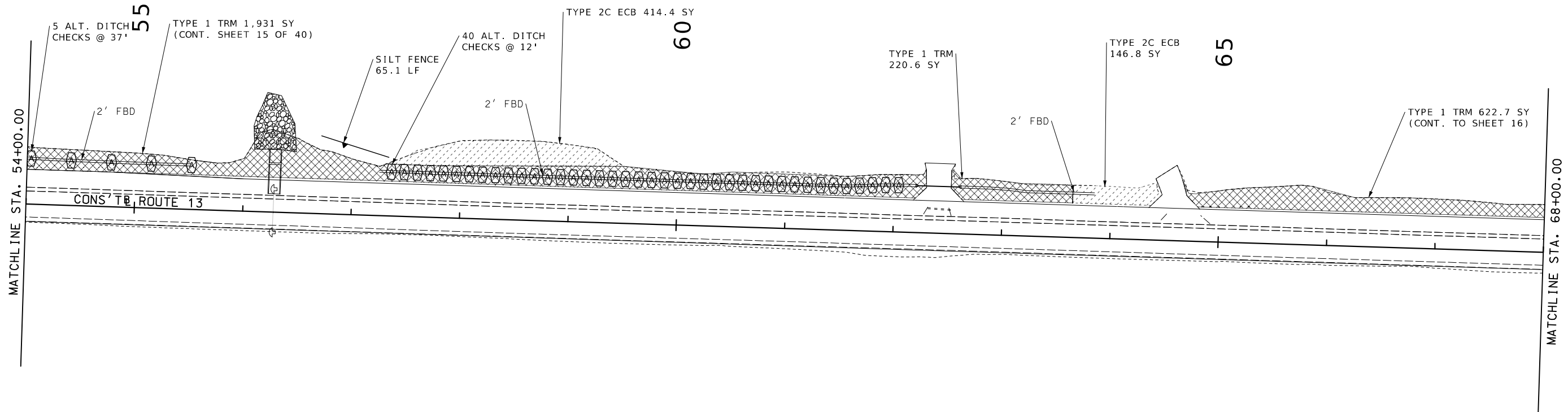
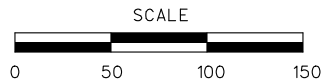
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

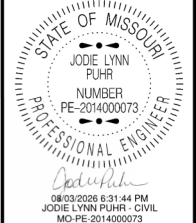
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)





EROSION CONTROL SHEET
SHEET 16 OF 40

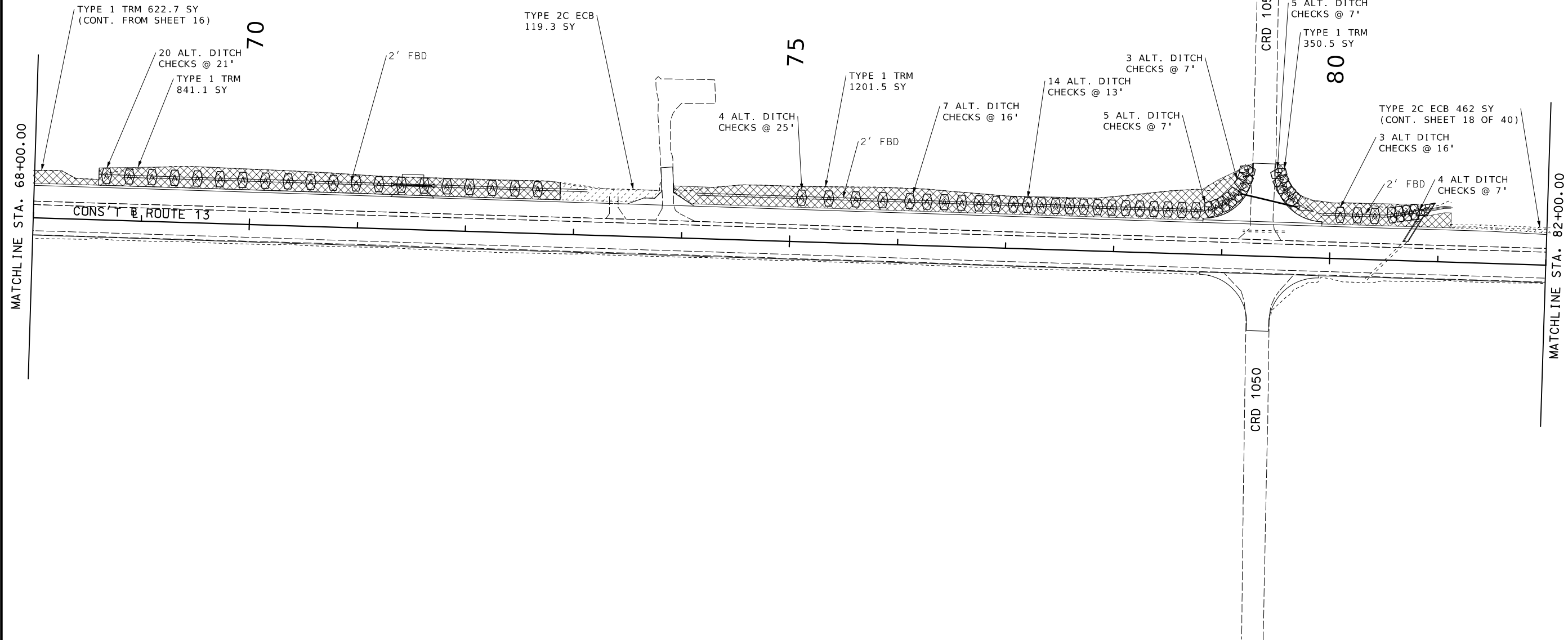
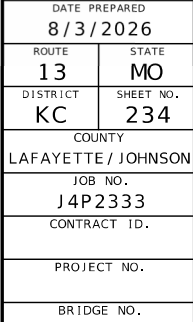


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 233
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

 **MoDOT**

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



08/03/2026 8:32:54 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

85

90

95

TYPE 2C ECB 462 SY
(CONT. SHEET 17 OF 40)

CONSTRUCTION ROUTE 13

P.E.

MATCHLINE STA. 82+00.00

MATCHLINE STA. 96+00.00



EROSION CONTROL SHEET
SHEET 18 OF 40



DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 235
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
08/03/2026 6:33:20 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED

8/3/2026

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

DISTRICT	SHEET NO.
KC	236

COUNTY
LAFAYETTE / JOHNS

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO. 65102

301

CONST. ROUTE 13

100

105

110⁷

MATCHLINE STA. 110+00.00

TYPE 1 TRM 10.8 SY

SILT FENCE 45 LF

SEDIMENT TRAP
EXC. 4 CY
ROCK 1.5 CY

SILT FENCE 239 LF.

TYPE 1 TRM 3,737 SY
(CONT. SHEET 20 OF 40)

32 ALT. DITCH CHECKS @ 7
(CONT. SHEET 20 OF 40)

TYPE 1 TRM 336 SY

8 ALT. DITCH CHECKS @ 11'

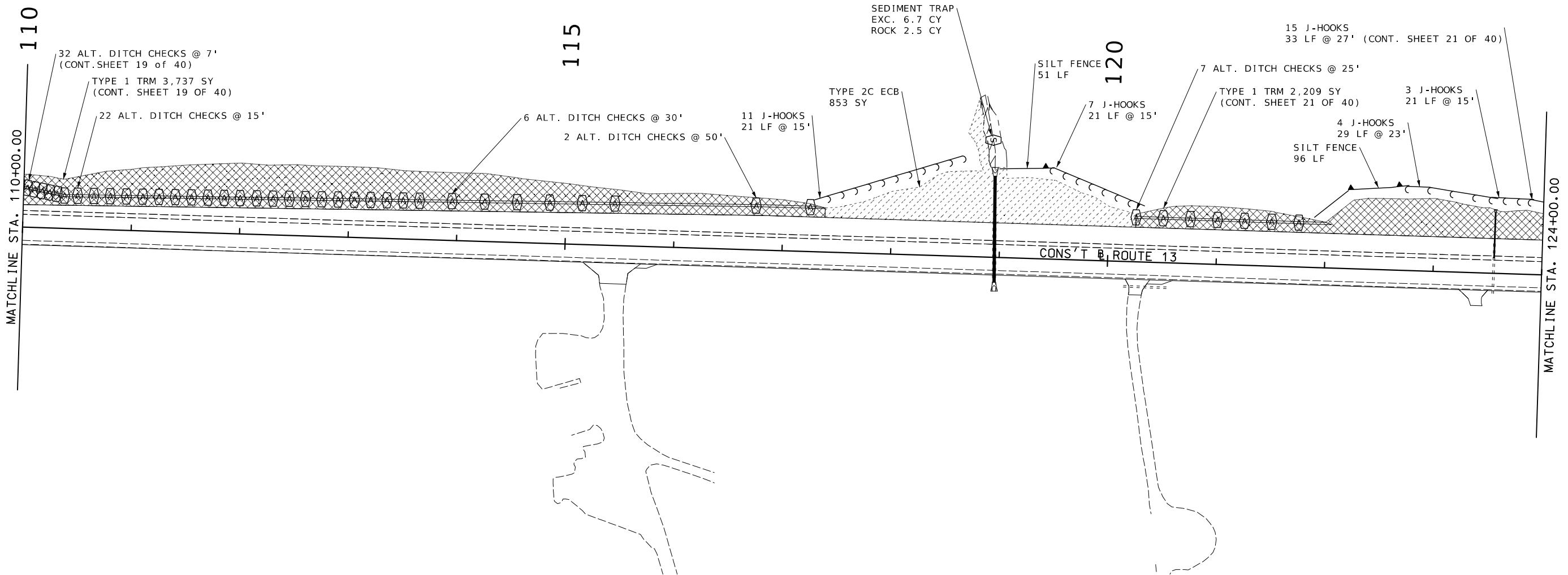
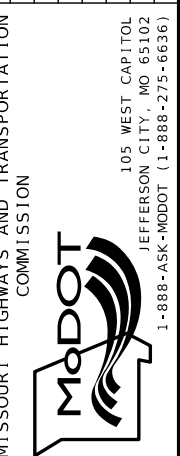
2 ALT. DITCH CHECKS @ 12'

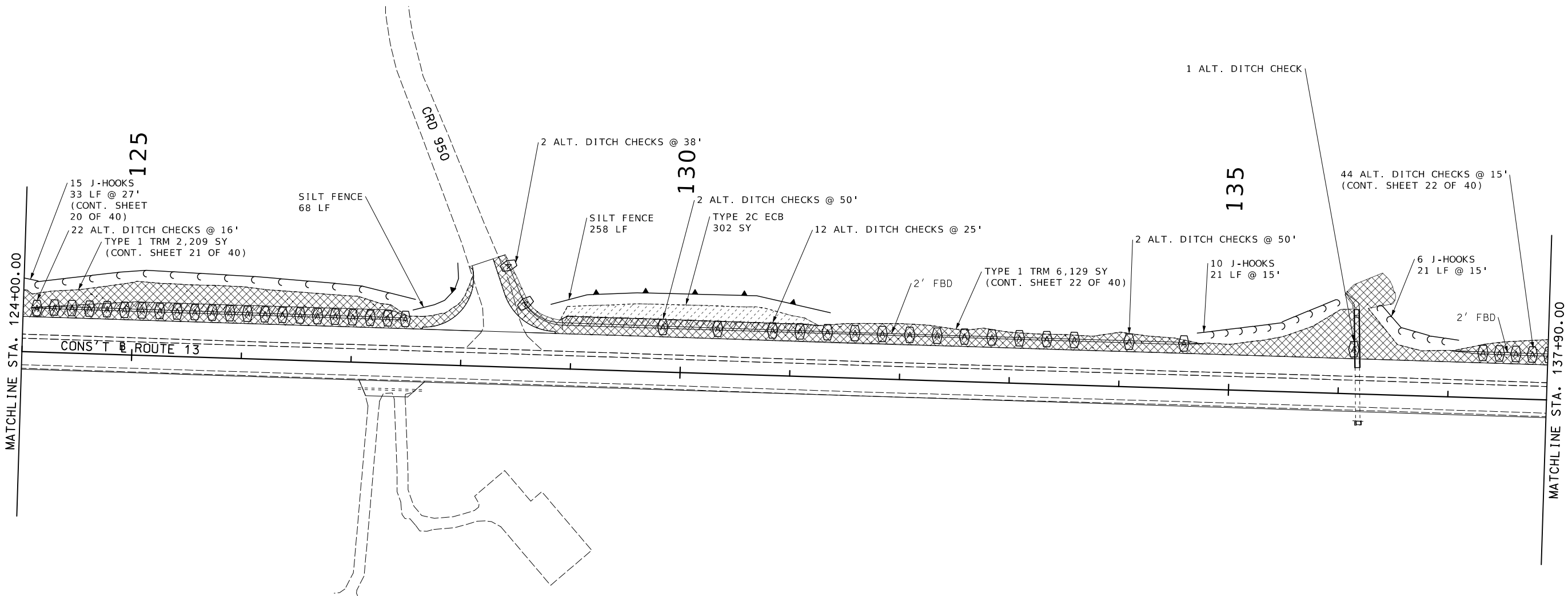
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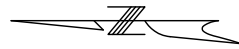
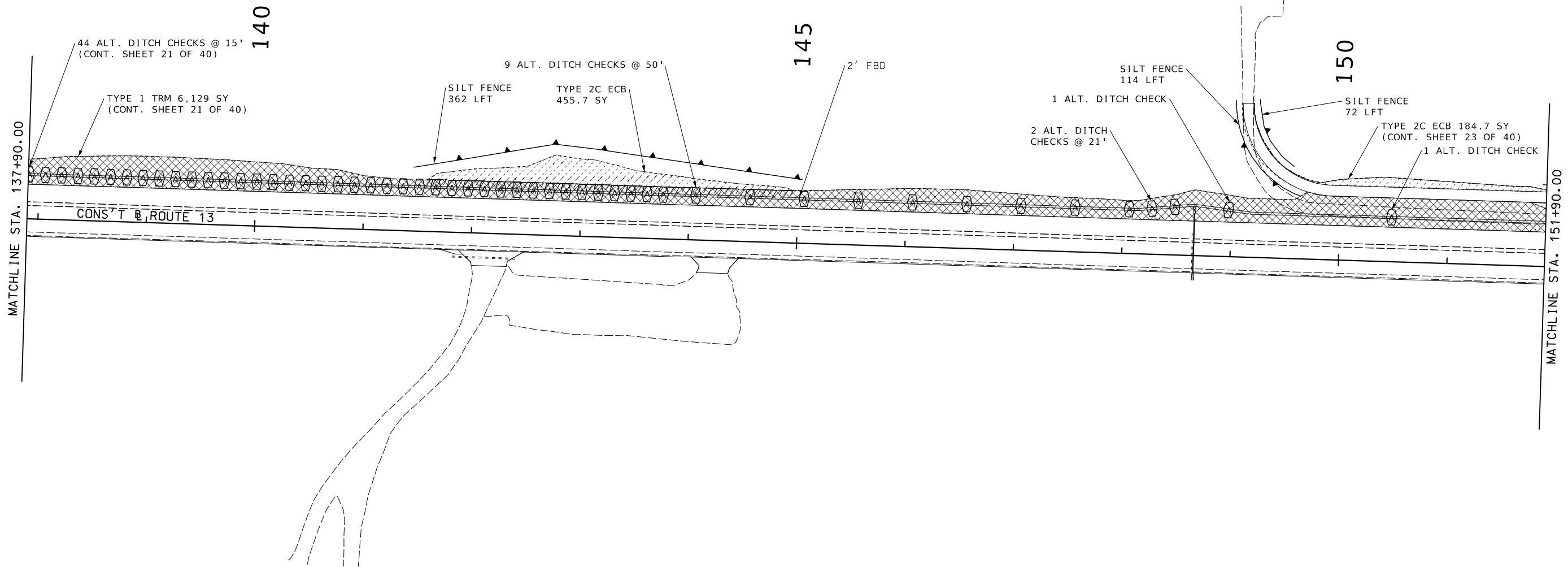
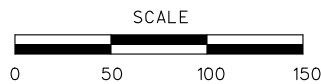
SCALE

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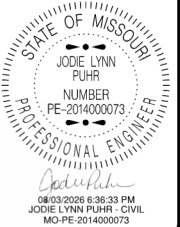
EROSION CONTROL SHEET
SHEET 19 OF 40







EROSION CONTROL SHEET
SHEET 22 OF 40

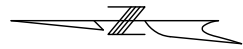
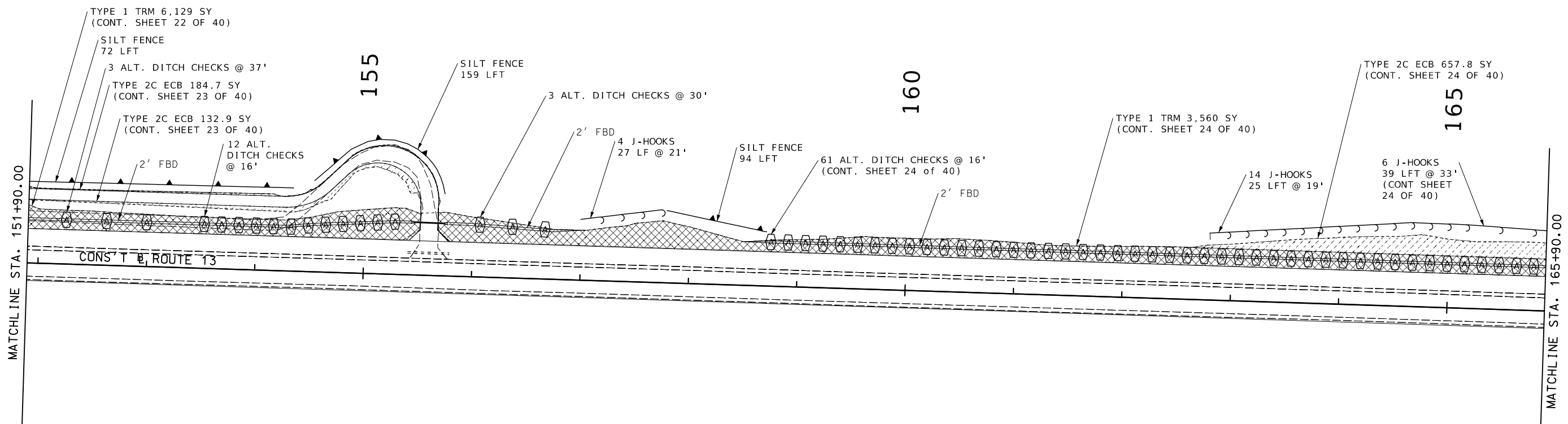
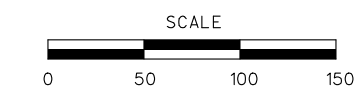


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 239
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

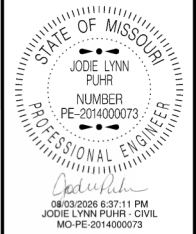
DESCRIPTION	DATE

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

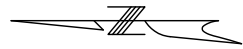
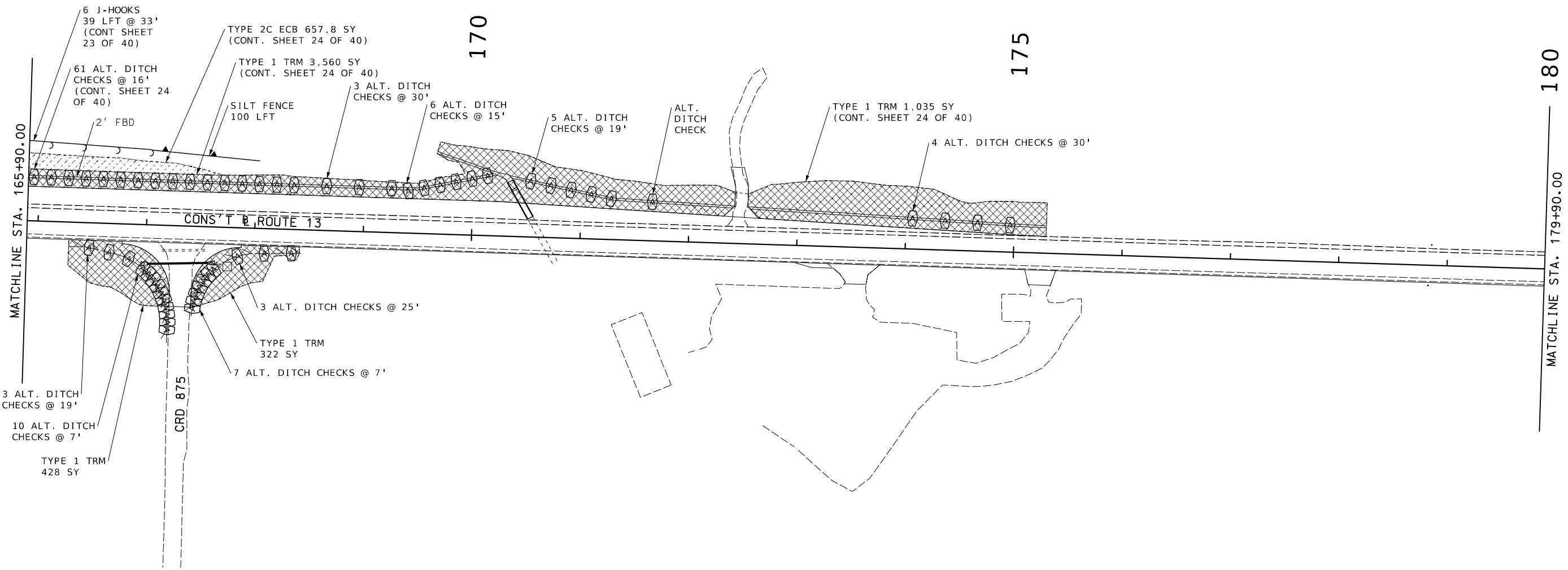
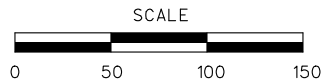


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 240
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

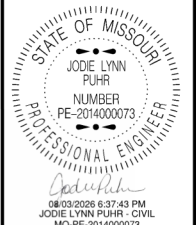
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



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

MoDOT

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



MATCHLINE STA. 179+90.00

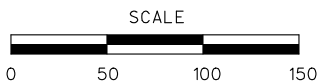
180

CONST. ROUTE 13

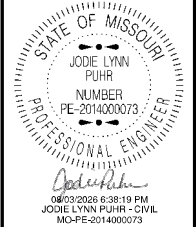
185

190

MATCHLINE STA. 193+80.00



EROSION CONTROL SHEET
SHEET 25 OF 40

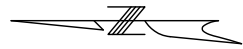


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 242
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



MATCHLINE STA. 193+80.00

195

CONST. ROUTE 13

TYPE 2C ECB 1,812 SY

200

TYPE 1 TRM 123 SY

2 ALT. DITCH CHECKS @ 19'

2' FBD
SILT FENCE
269 LFT
ALT. DITCH
CHECK

13 ROCK DITCH CHECKS @ 15'

SILT FENCE
219.6 LFT

SILT FENCE
94 LFT

TYPE 2C ECB 644 SY

S.L.

4 ALT. DITCH
CHECKS @ 9'

TYPE 2C ECB 2,896 SY
(CONT. SHEET 27 OF 40)

3 ALT. DITCH
CHECKS @ 10'

800TH RD
(PRIVATE)

MATCHLINE STA. 207+80.00

2 ALT. DITCH CHECKS @ 21'

2' FBD

2 ALT. DITCH CHECKS @ 50'

TYPE 1 TRM 744 SY

5 ALT. DITCH CHECKS @ 30'

S.L.

SILT
FENCE
349 LFT

4 ALT. DITCH CHECKS @ 50'

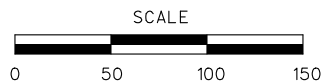
TYPE 2C ECB 2,285 SY

SILT FENCE
219 LFT

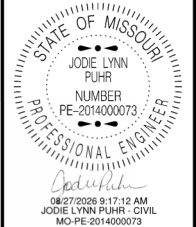
5 ALT. DITCH CHECKS @ 11'

8 ALT. DITCH
CHECKS @ 10'
(CONT. TO SHEET 27)
TYPE 2C ECB 532 SY
(CONT. SHEET 27
OF 40)

ROUTE H



EROSION CONTROL SHEET
SHEET 26 OF 40

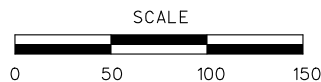
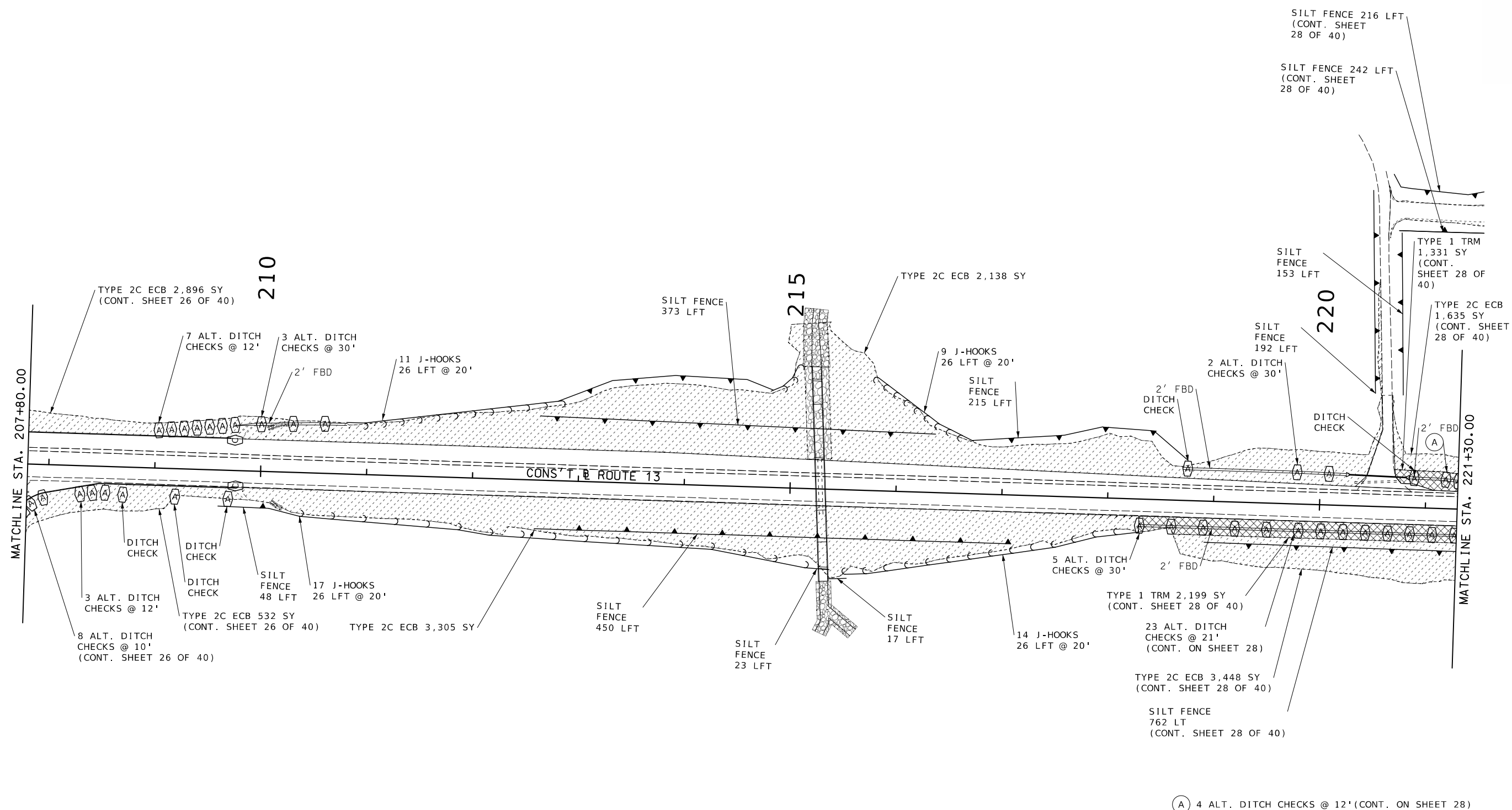


DATE PREPARED 8/25/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 243
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

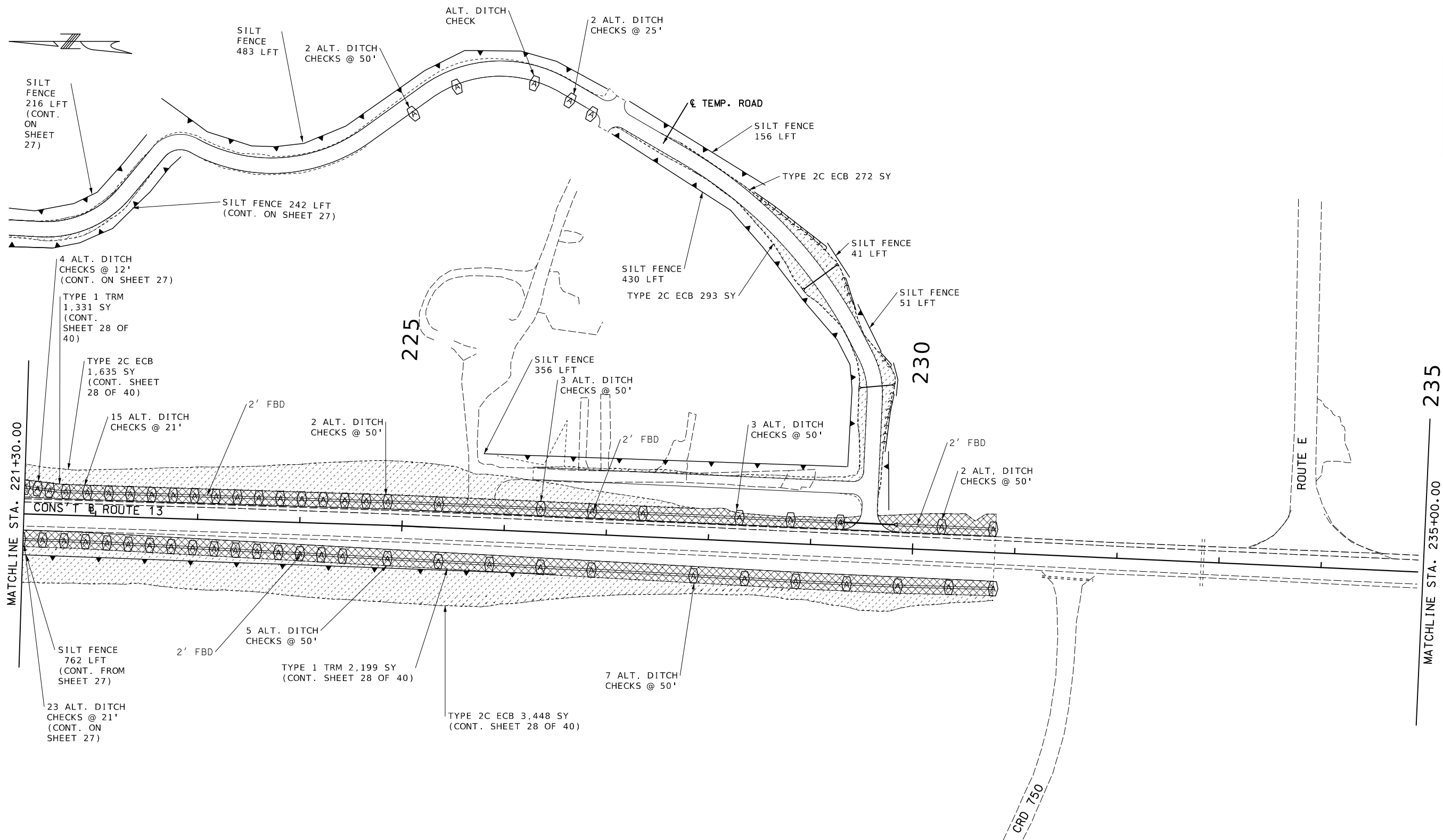
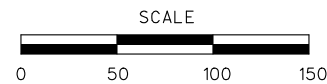
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



EROSION CONTROL SHEET
SHEET 27 OF 40

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



EROSION CONTROL SHEET
SHEET 28 OF 40

STATE OF MISSOURI

JODIE LYNN FUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

DATE PREPARED
8/3/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
245

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

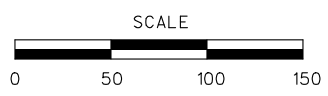
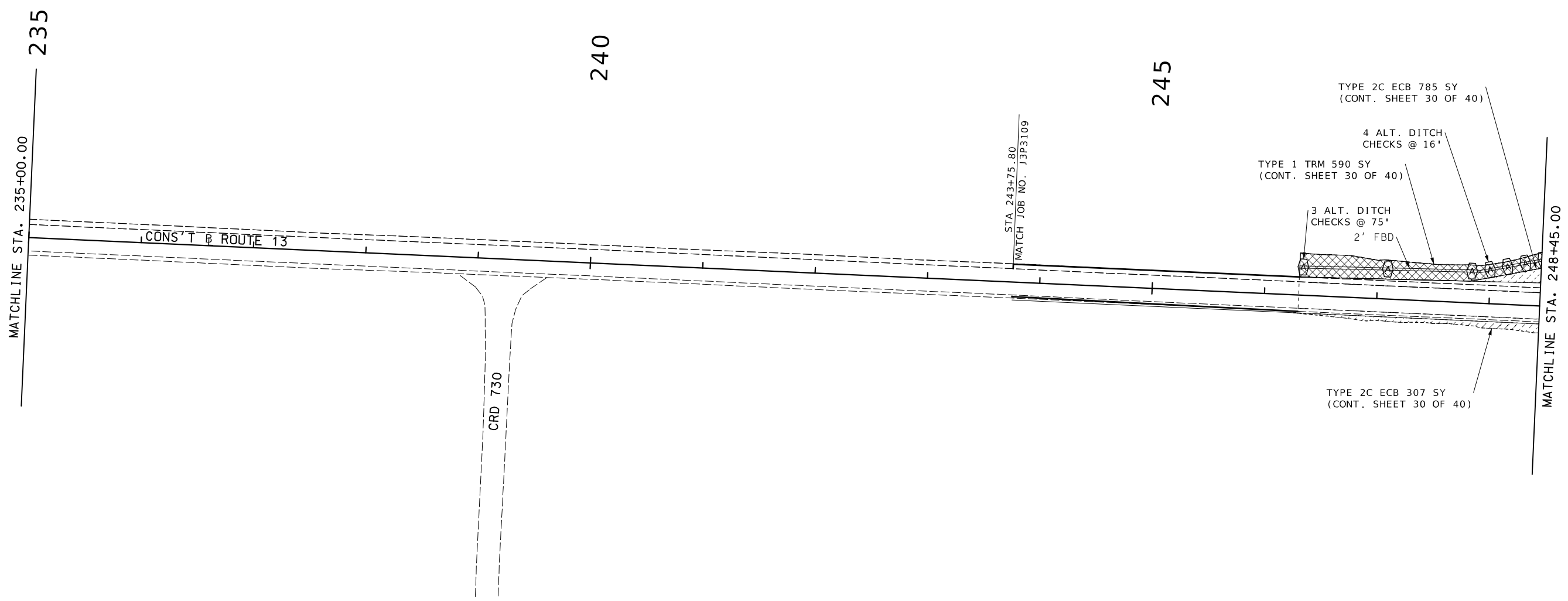
BRIDGE NO.

DATE	DESCRIPTION

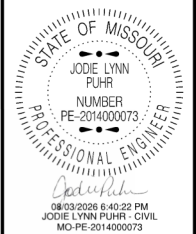
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



EROSION CONTROL SHEET
SHEET 29 OF 40



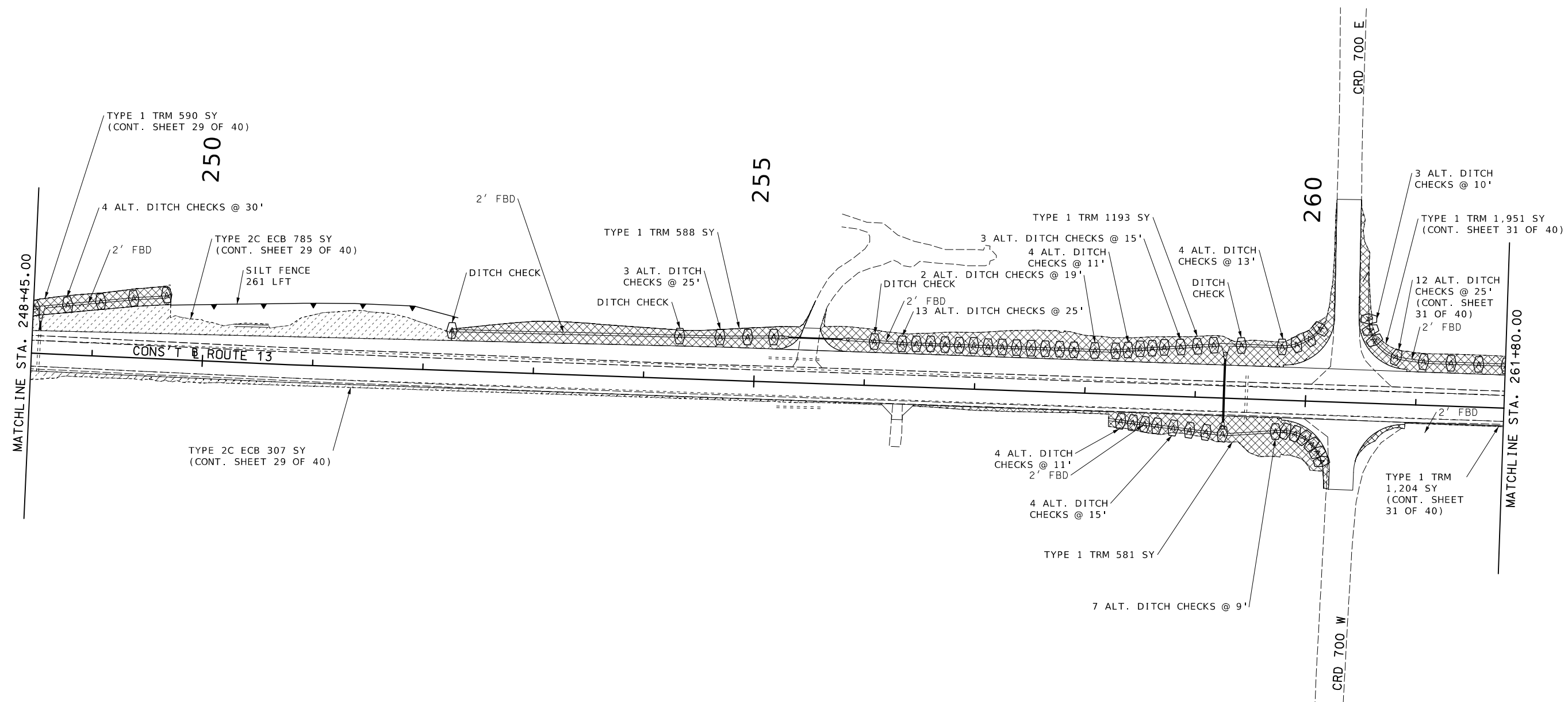
DATE PREPARED
8/3/2026

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)



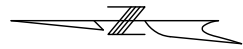
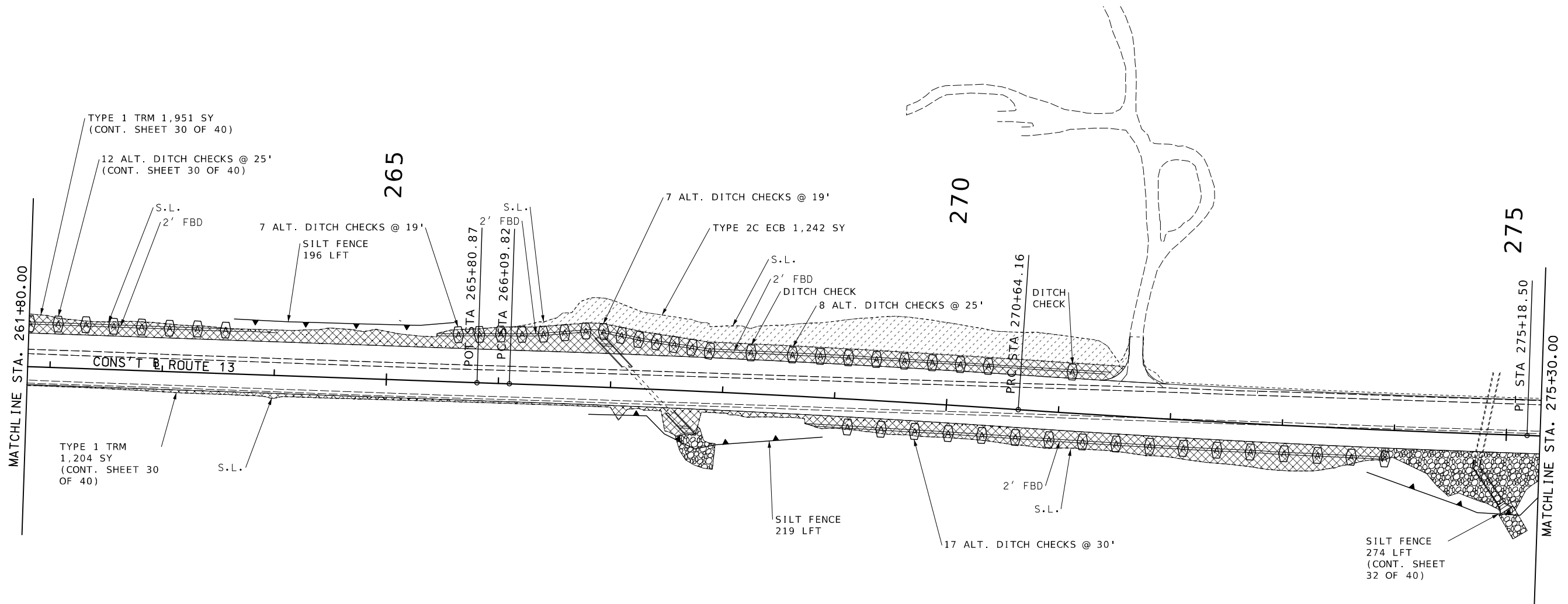
EROSION CONTROL SHEET
SHEET 30 OF 40



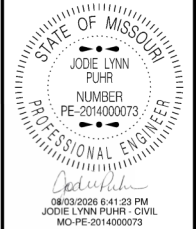
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102





EROSION CONTROL SHEET
SHEET 31 OF 40



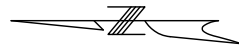
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 248
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

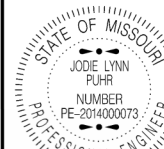
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



08/03/2026 8:41:58 PM
JODIE LYNN FUHR - 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)

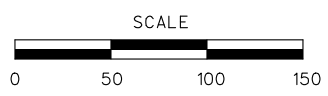
2' FBD

S.L.

TYPE 2C ECB 657 SY

SILT FENCE
475 LFT

TYPE 2C ECB 330 SY
(CONT. SHEET 33 OF 40)

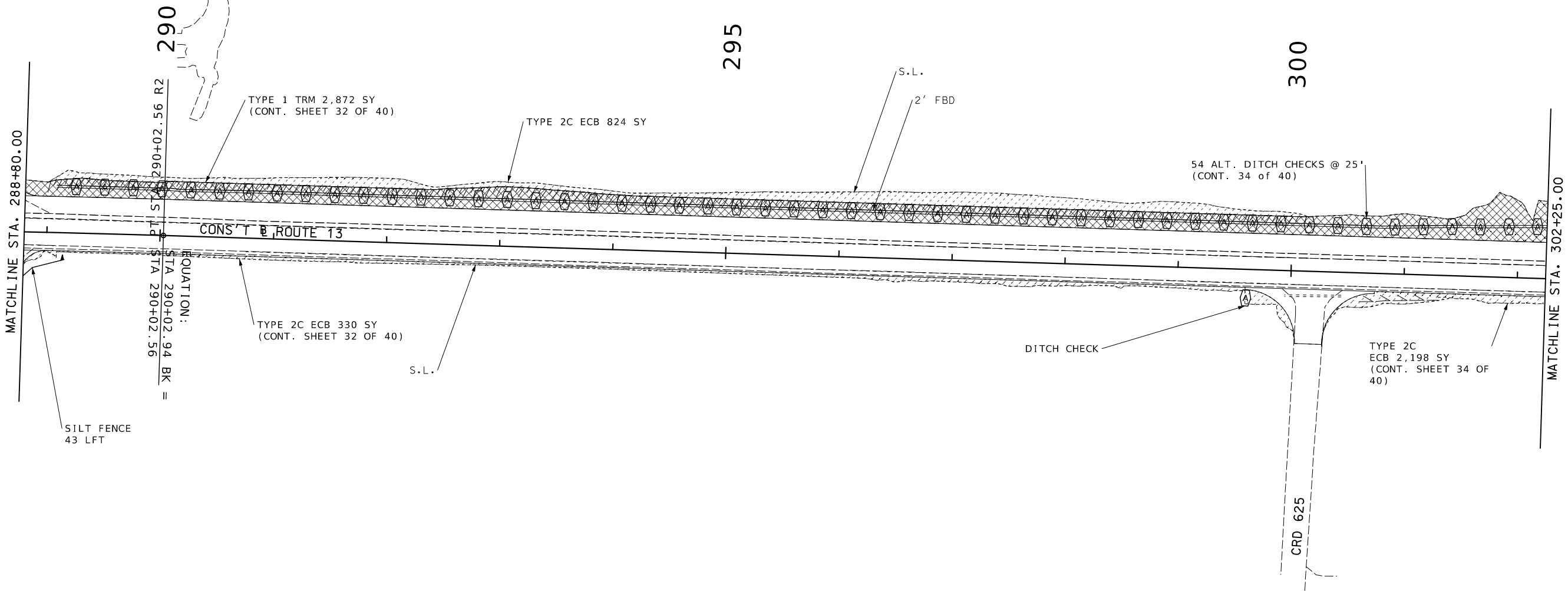
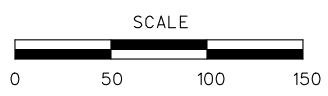


EROSION CONTROL SHEET
SHEET 32 OF 40

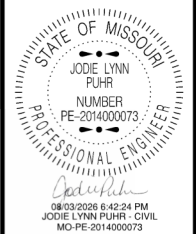
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



EROSION CONTROL SHEET
SHEET 33 OF 40

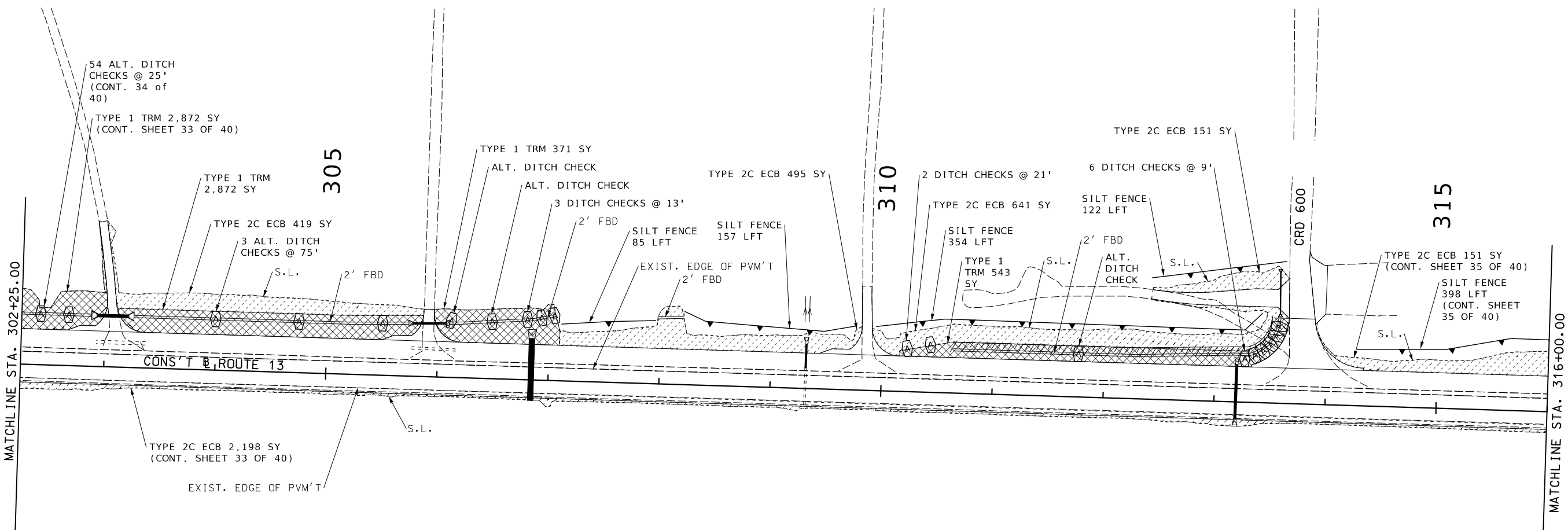
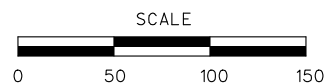


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 250
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

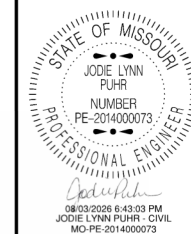
DESCRIPTION	DATE

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	STATE
13	MO

DISTRICT	SHEET NO
KC	251

COUNTY

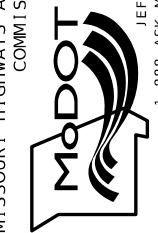
AFAYETTE / JOHNSON

JOB NO.
14P2333

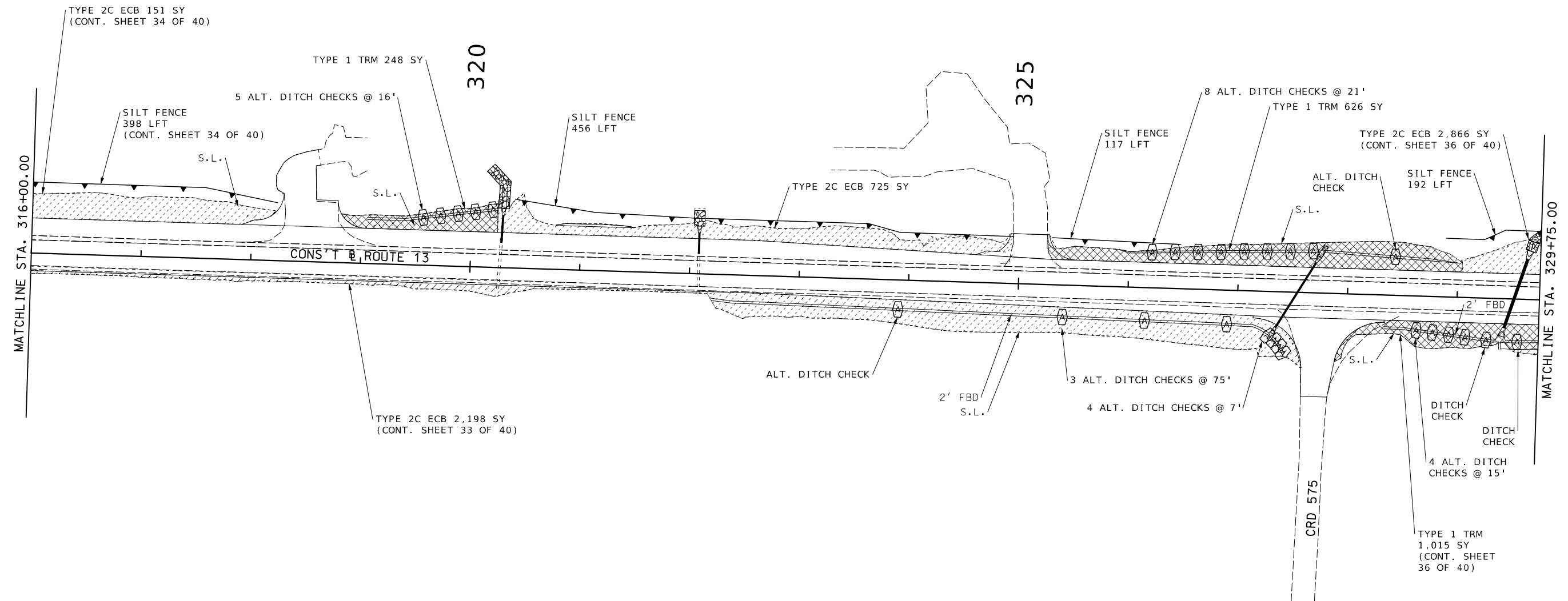
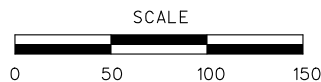
CONTRACT ID.

PROJECT NO.

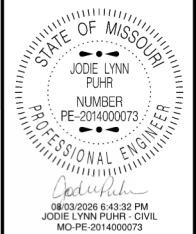
BRIDGE NO.

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COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102



EROSION CONTROL SHEET
SHEET 35 OF 40

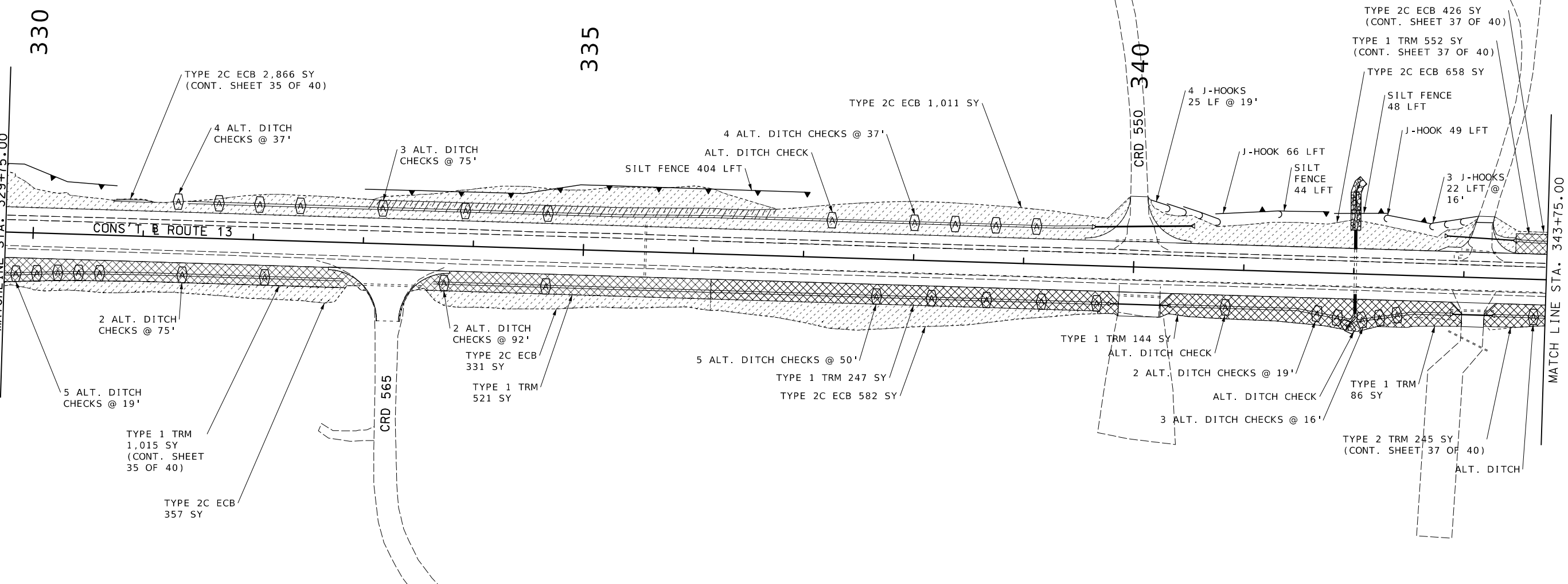
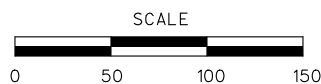


DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 252
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

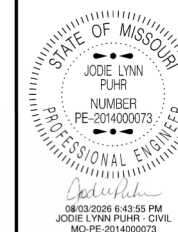
DESCRIPTION	DATE

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.

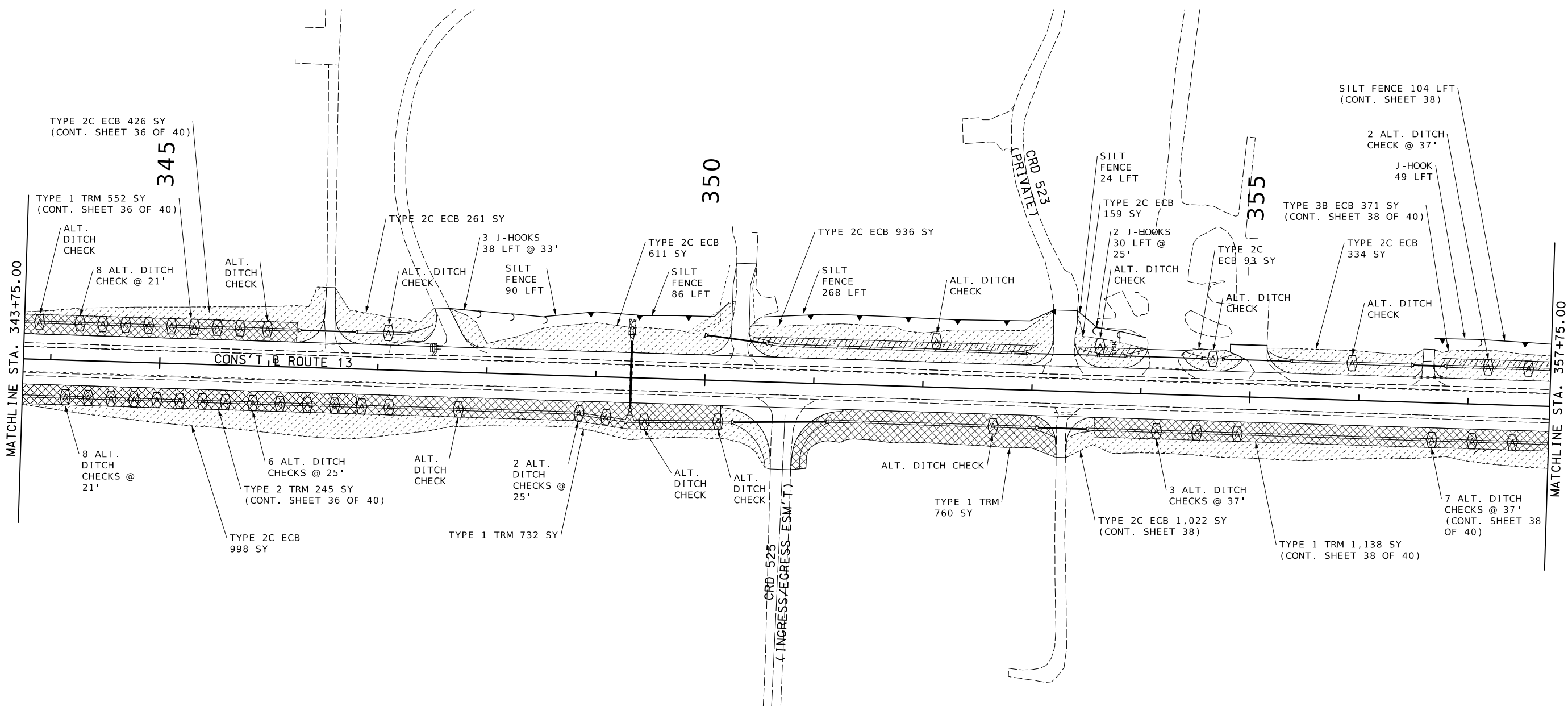
PROJECT NO.

BRIDGE NO.

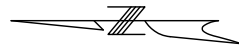
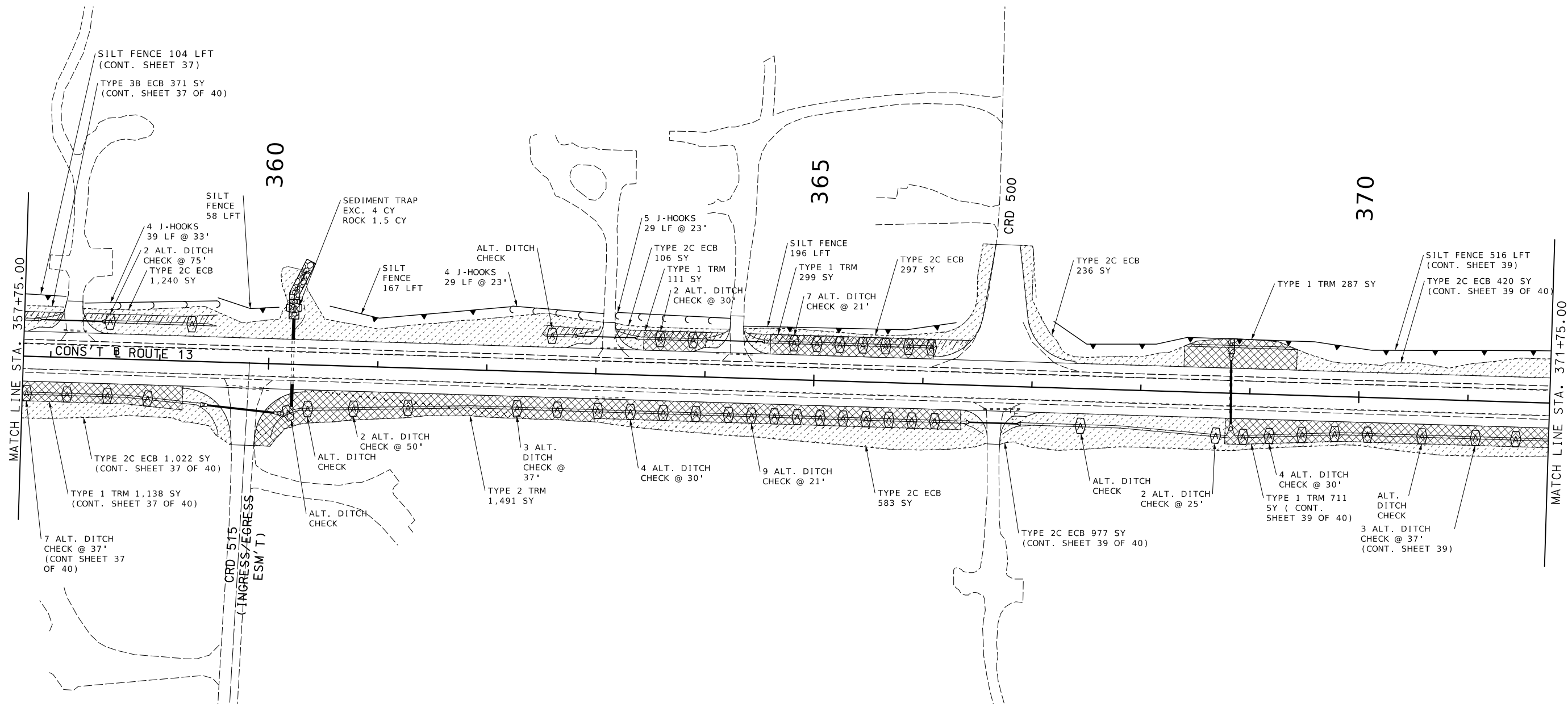
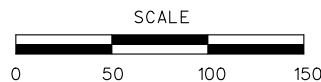
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 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102





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



EROSION CONTROL SHEET
SHEET 38 OF 40

STATE OF MISSOURI

JODIE LYNN FUHR

NUMBER
PE-2014000073

PROFESSIONAL ENGINEER

08/03/2026 6:44:55 PM

JODIE LYNN FUHR - CIVIL

MO-PE-2014000073

DATE PREPARED
8/3/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
255

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J3P2333

CONTRACT ID.

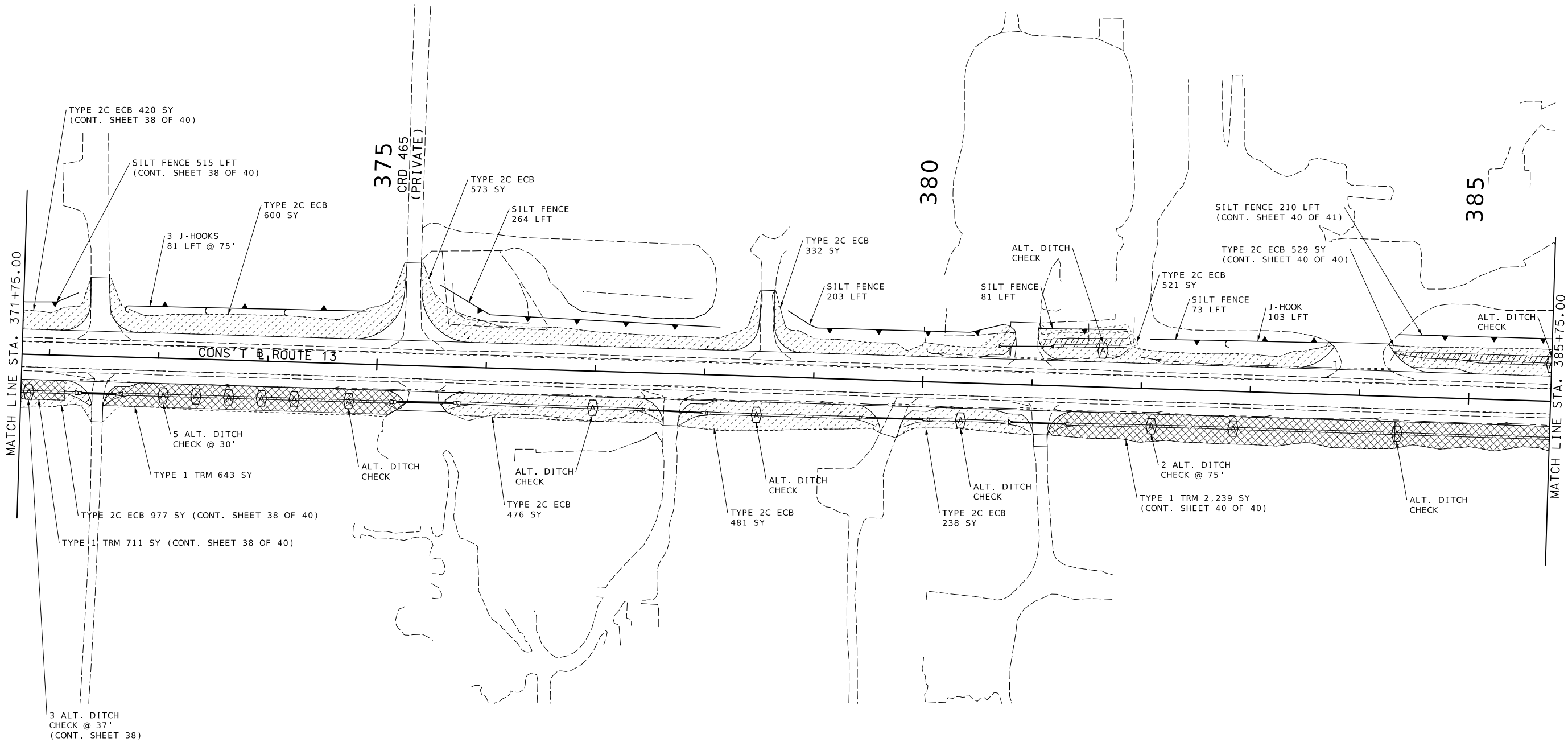
PROJECT NO.

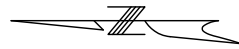
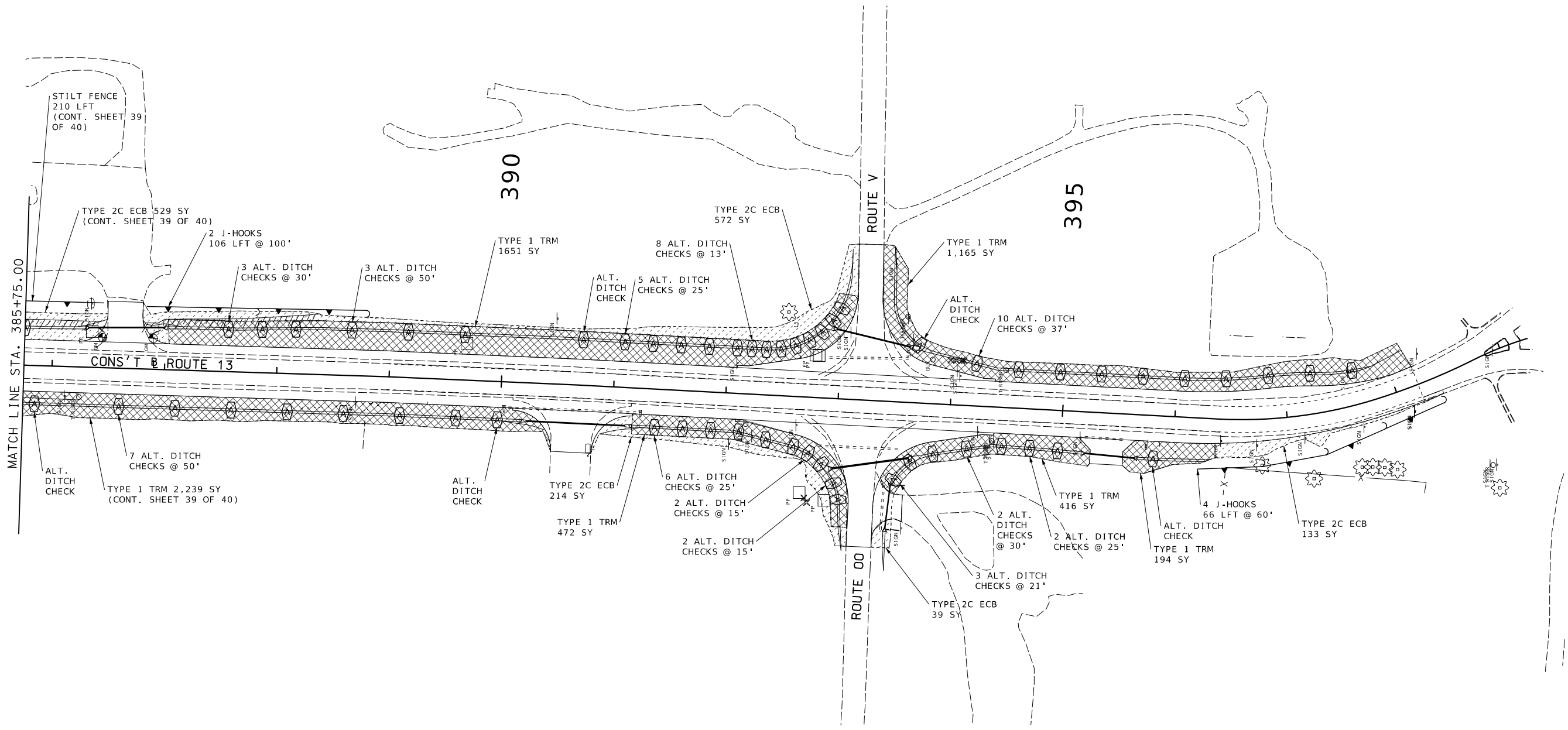
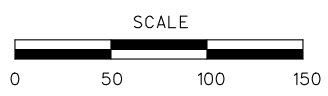
BRIDGE NO.

DATE	DESCRIPTION

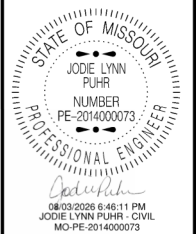
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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





EROSION CONTROL SHEET
SHEET 40 OF 40



DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 257
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

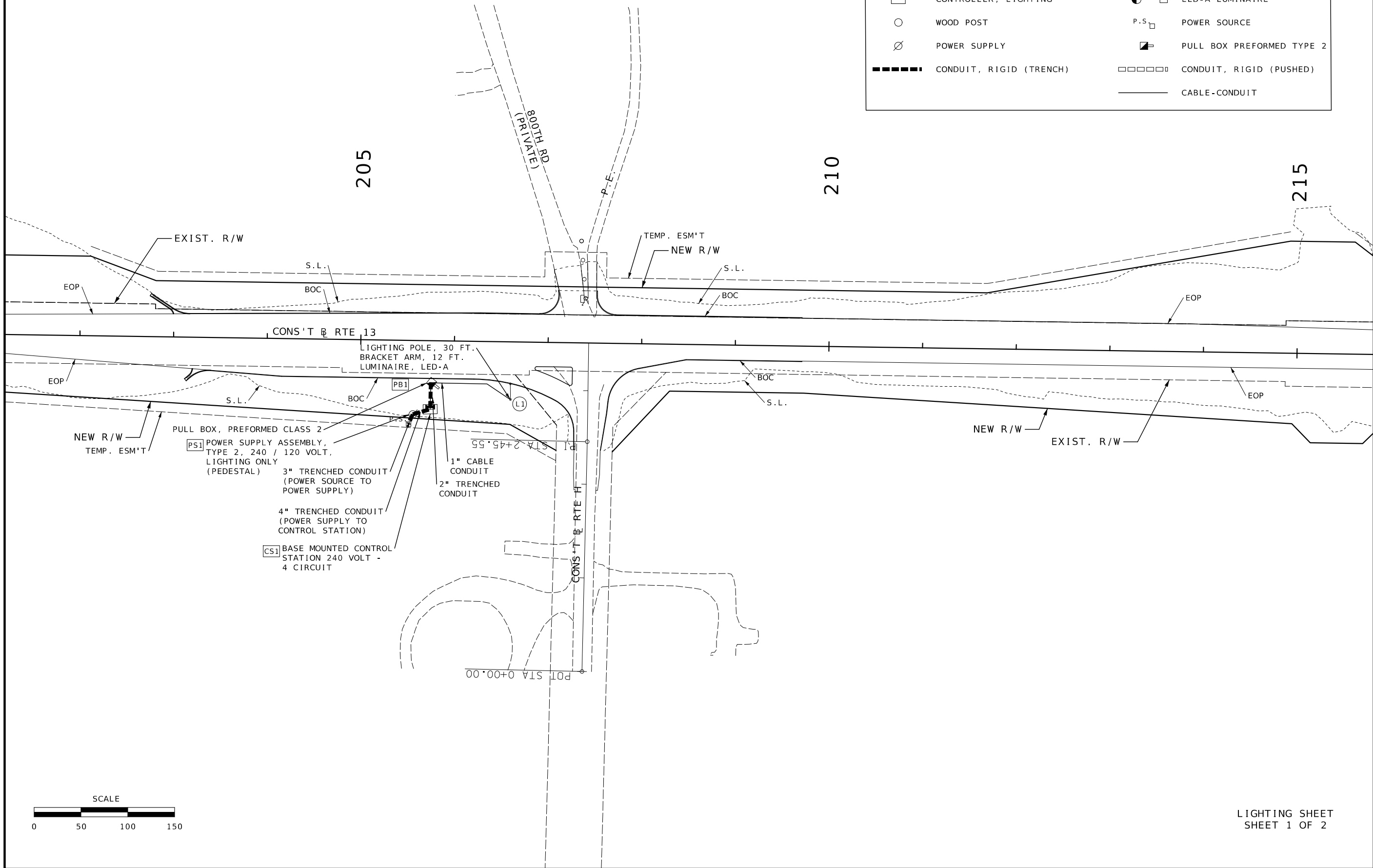
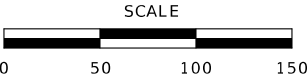
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



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

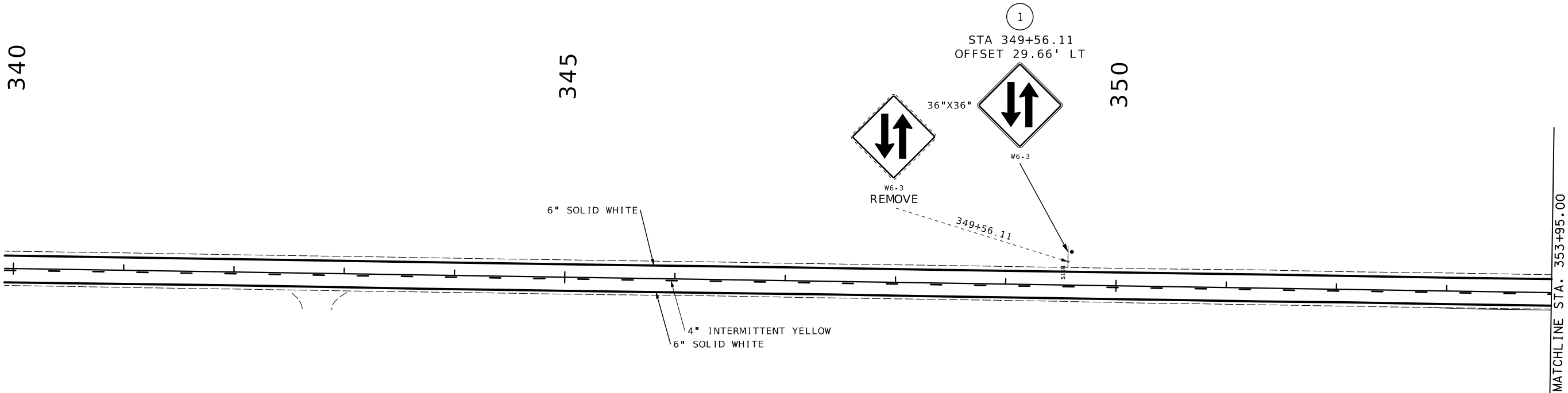
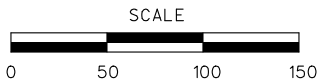
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

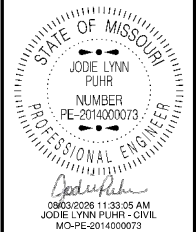
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



NOTES:
(1) PAVEMENT MARKING STARTS AT SB LOG MI. 98.361.
(2) PAVEMENT MARKING SHOWN BASED ON ROUTE 13 CONSTRUCTION BASELINE STATIONING.



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 1 OF 66



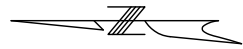
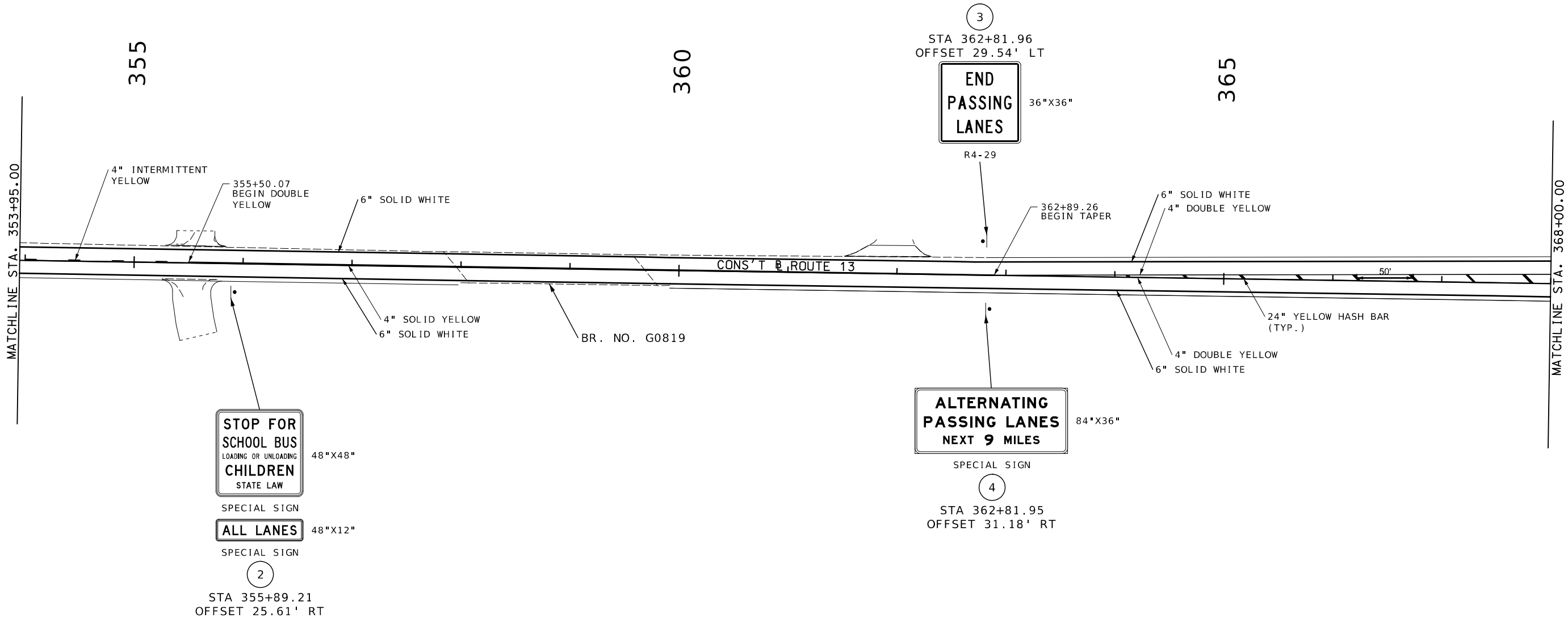
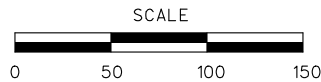
DATE PREPARED 8/1/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 260
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

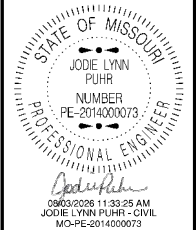
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 2 OF 66

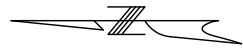


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 261
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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

MATCHLINE STA. 382+00.00

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

CONS'T. @ ROUTE 13

4" DOUBLE YELLOW

12'
12'-08'

4'
12'

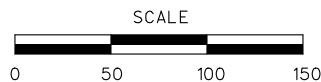
373+77.64

SPEED
LIMIT
60

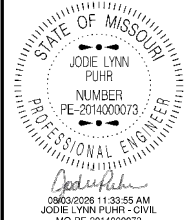
R2-1
RELOCATE

5

STA 377+12.08
OFFSET 29.54' RT



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 3 OF 66



DATE PREPARED
7/31/2026

ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	262

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

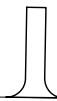
DATE	DESCRIPTION

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. B 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

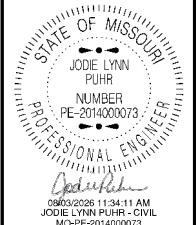
385

390

MATCHLINE STA. 394+00.00



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 4 OF 66



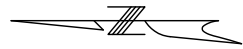
DATE PREPARED
7/31/2026

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)



7
STA 395+36.37
OFFSET 45.58' LT



R1-1
RELOCATE

395

BORLAND RD

400

405

6" SOLID WHITE
4" DOUBLE YELLOW

4" DOUBLE YELLOW
6" INTERMITTENT
WHITE
6" SOLID WHITE

CONST. R. ROUTE 13

MATCHLINE STA. 394+00.00

MATCHLINE STA. 408+00.00

HWY 13
BORLAND RD
RELOCATE

8
STA 395+28.26
OFFSET 32.31' RT

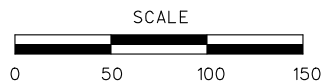


R1-1
RELOCATE
9
STA 396+03.13
OFFSET 26.98' RT

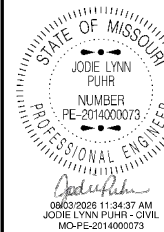
BORLAND RD

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

11
STA 416+49.26
OFFSET 29.71' RT

36"X36"

W9-1L

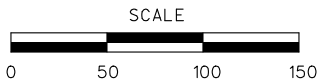
1/4 MILES 30"X24"

W16-3P

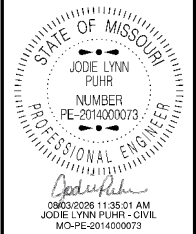
13
STA 420+49.23
OFFSET 45.56' RT

36"X36"

W4-2L



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 6 OF 66

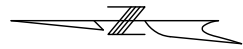


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 265
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



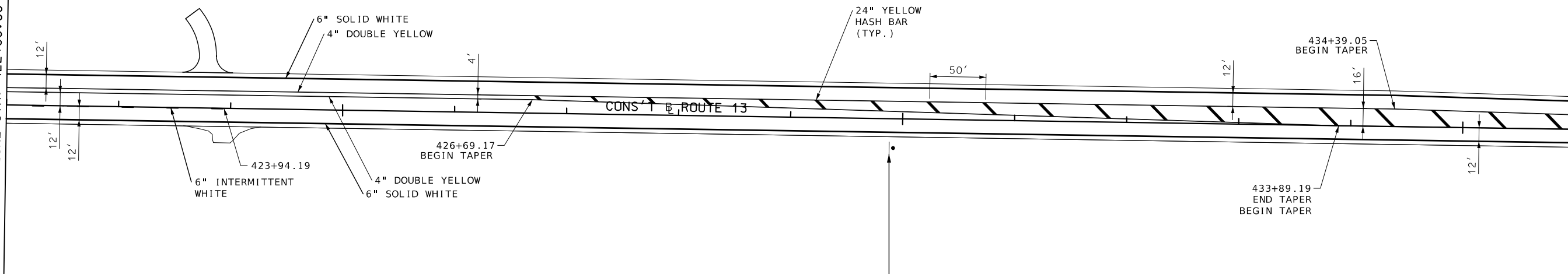
MATCHLINE STA. 422+00.00

425

430

435

MATCHLINE STA. 436+00.00



48"X48"

SPECIAL SIGN

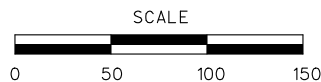


48"X12"

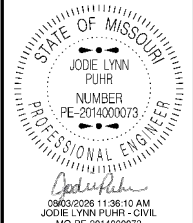
SPECIAL SIGN



STA 429+88.33
OFFSET 30.00' RT



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 7 OF 66



DATE PREPARED
7/31/2026

ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	266

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

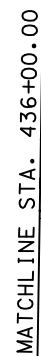
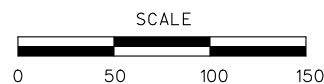
PROJECT NO.

BRIDGE NO.

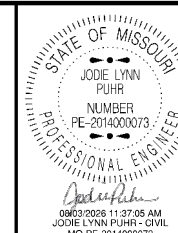
DATE	DESCRIPTION

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 8 OF 66



DATE PREPARED

7/31/202

ROUTE	ST
1	1

13	M
DISTRICT	SHEP

DISTRICT	SHEET
KC	2

COUNTY

AFAYETTE / JOH

JOB NO.
14P2333

CONTRACT ID

PROJECT NO. _____

BRIDGE NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY MO 65102



450

CONST B, ROUTE 13

4" INT. YELLOW

R2-1
(DND)

455

$$= 455 + 22.72$$

M2 - 1

M1-5a

(DND)

6" SOLID WHITE

460

W1-2L

50
M.P.H.

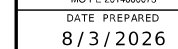
W13-1P

(DND)

+00.00



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 9 OF 66



8/3/2026

ROUTE	STATE
12	MO

13	MO
DISTRICT	SHEET N

KC	268
----	-----

COUNTY
LAFAYETTE / JOHNSON

JOB NO.

J4P2333

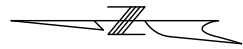
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



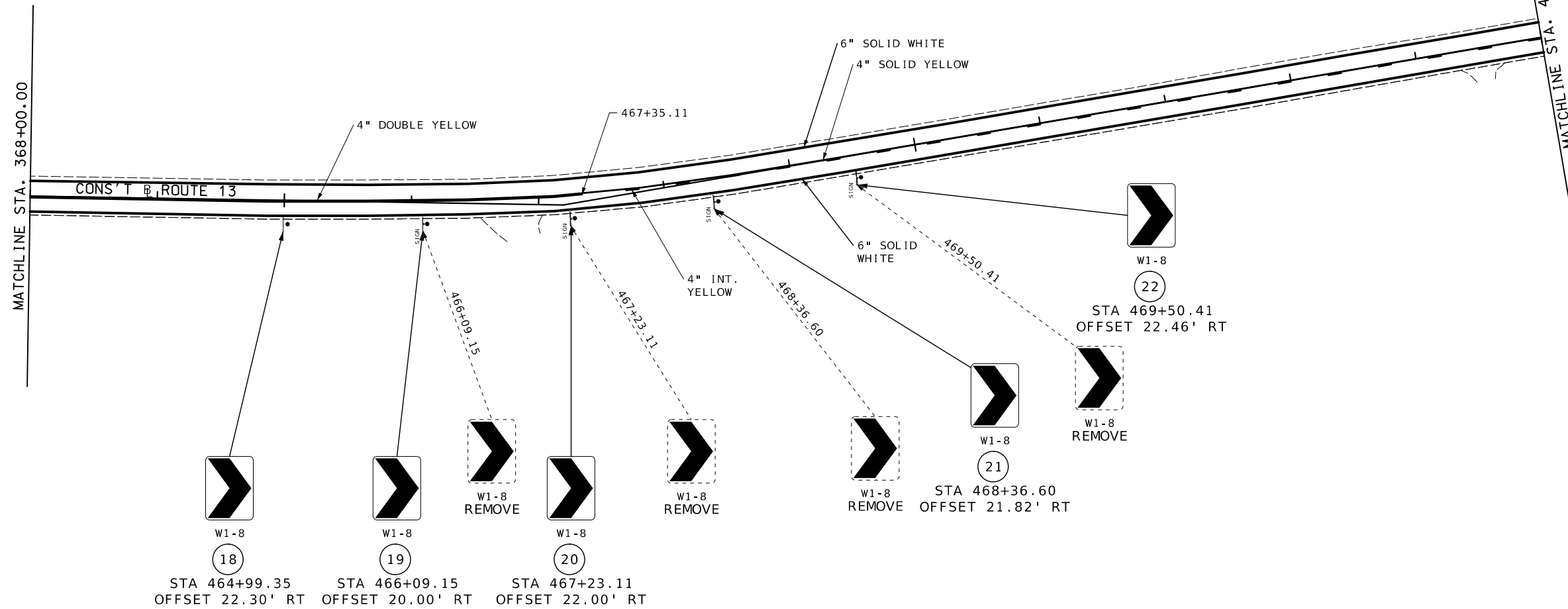
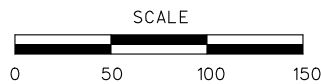
MATCHLINE STA. 368+00.00

CONST. R. ROUTE 13

465

470

475



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 10 OF 66

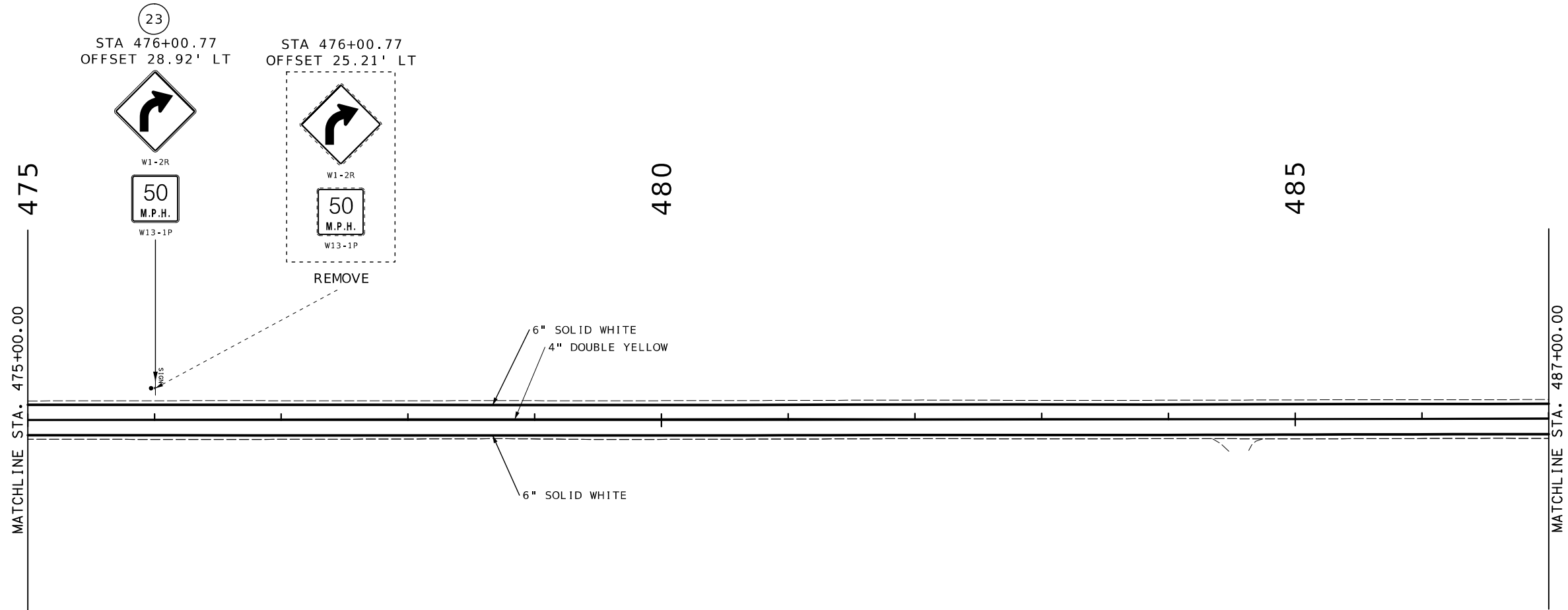
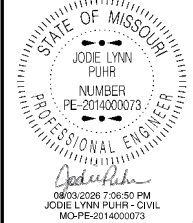


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 269
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

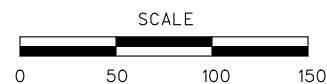
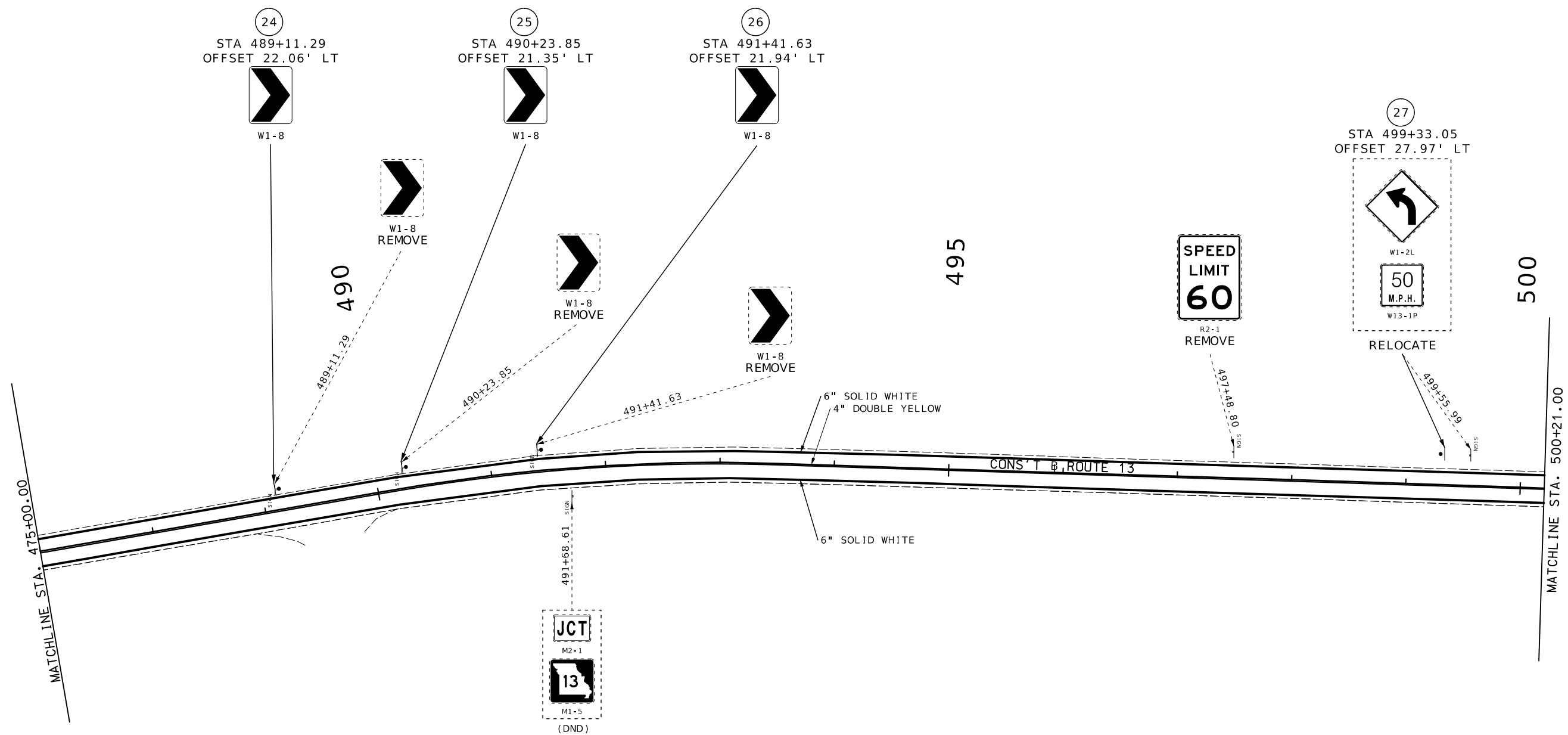


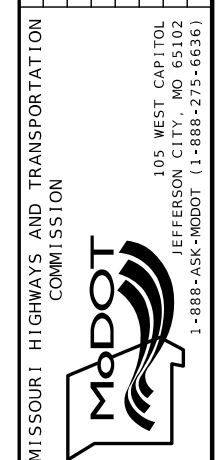
DATE PREPARED 8/3/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 270
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID. ####	
PROJECT NO. ####	
BRIDGE NO. ####	

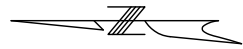
DATE	DESCRIPTION

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[illegible]



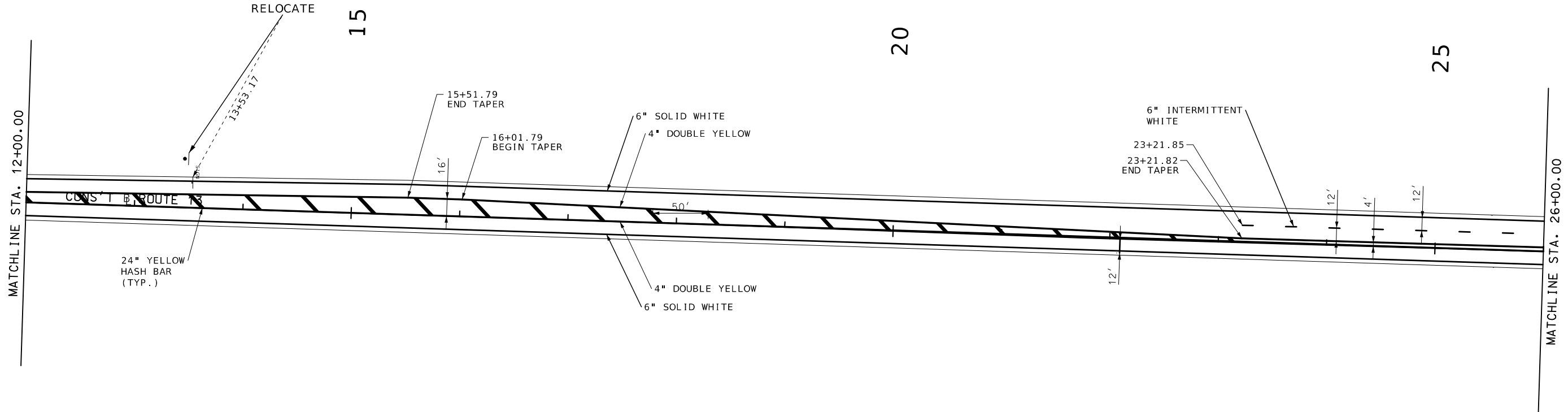
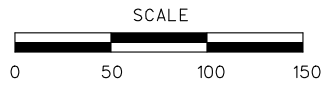


(37)
STA 13+48.67
OFFSET 45.04' LT

W2-7R

45
M.P.H.
W13-1P

RELOCATE



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 14 OF 66

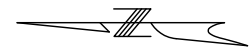
STATE OF MISSOURI
JODIE LYNN PLUMMER
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
06/03/2026 11:43:38 AM
JODIE LYNN PLUMMER - CIVIL
MO-PE-2014000073

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

STOR

CRD 1150
26+71.92

26+71.92



R1-1
RELOCATE

39
STA 26+79.06
OFFSET 27.82' RT



CONST B ROUTE 13

30

6" SOLID WHITE
6" INTERMITTENT
WHITE
4" DOUBLE YELLOW

4" DOUBLE YELLOW
6" SOLID WHITE



48"X48"

SPECIAL SIGN



48"X12"

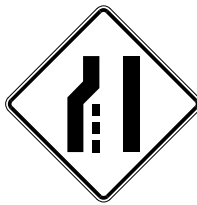
SPECIAL SIGN

40

STA 33+88.19
OFFSET 25.94' RT

41

STA 34+21.81
OFFSET 45.36' LT



36"X36"

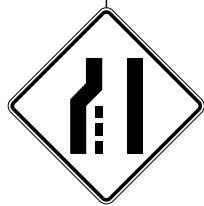
W4-2L

35

4'
12'

12'

12'



36"X36"

W4-2L

42

STA 34+21.81
OFFSET 29.37' RT

43

STA 38+21.81
OFFSET 45.40' LT



36"X36"

W9-1L



30"X24"

W16-3P

40

MATCHLINE STA. 40+00.00



36"X36"

W9-1L



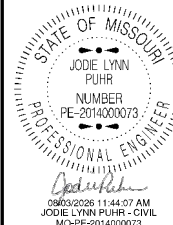
30"X24"

W16-3P

44

STA 38+21.81
OFFSET 25.55' RT

PAVEMENT MARKING
AND SIGNING SHEET
SHEET 15 OF 66



DATE PREPARED
7/31/2026

ROUTE STATE

13 MO

DISTRICT SHEET NO.

KC 274

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



6" SOLID WHITE

4" DOUBLE YELLOW

6" INTERMITTENT WHITE

4" DOUBLE YELLOW

6" SOLID WHITE

45

45
STA 48+20.16
OFFSET 47.03' LT
WATCH FOR
LEFT-TURNING
TRAFFIC IN
PASSING LANE

72"X48"

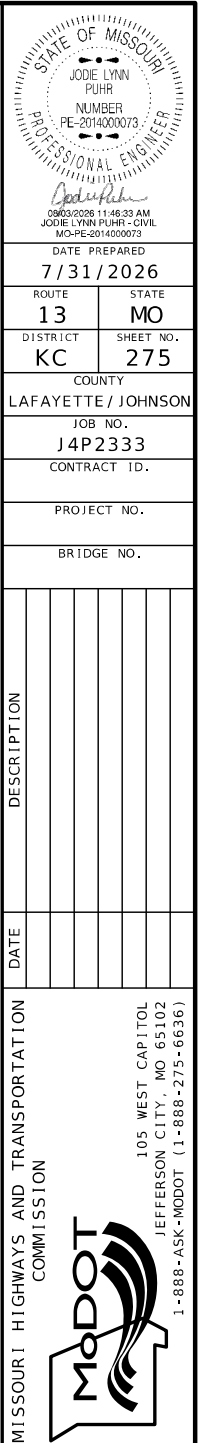
W6-17

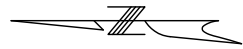
STA 48+20.16
OFFSET 47.03' LT

50

MATCHLINE STA. 54+00.00

PAVEMENT MARKING
AND SIGNING SHEET
SHEET 16 OF 66



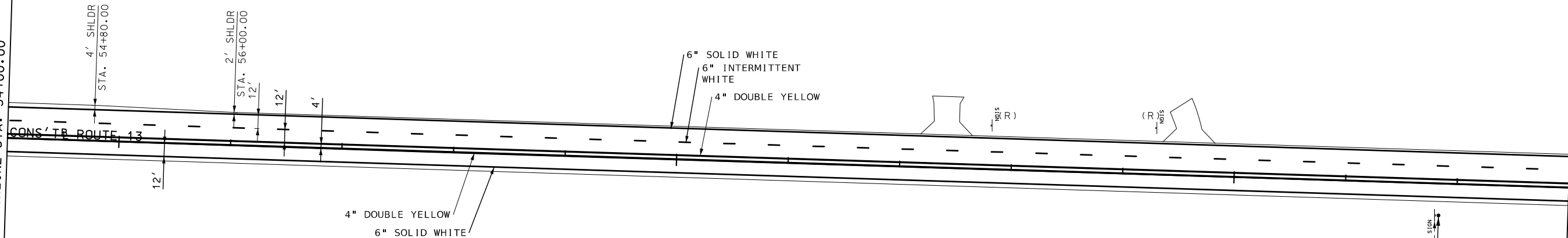


MATCHLINE STA. 54+00.00

55

60

65



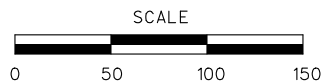
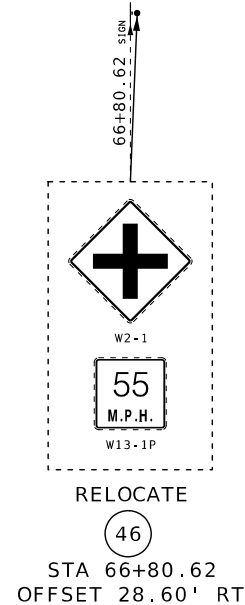
4" DOUBLE YELLOW
6" SOLID WHITE

6" SOLID WHITE
6" INTERMITTENT
WHITE
4" DOUBLE YELLOW

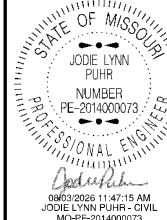
NOTS

NOTS

MATCHLINE STA. 68+00.00



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

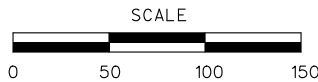
(48)
STA 79+03.52
OFFSET 41.70' LT
NE 950 JC
STOP
R1-1
RELOCATE

(51)
STA 80+49.39
OFFSET 42.43' LT
**KEEP
RIGHT
EXCEPT
TO PASS** 36"X48"
R4-16

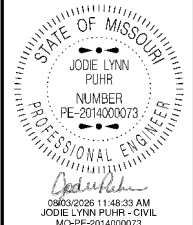
CRD 1050
CRD 1050

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

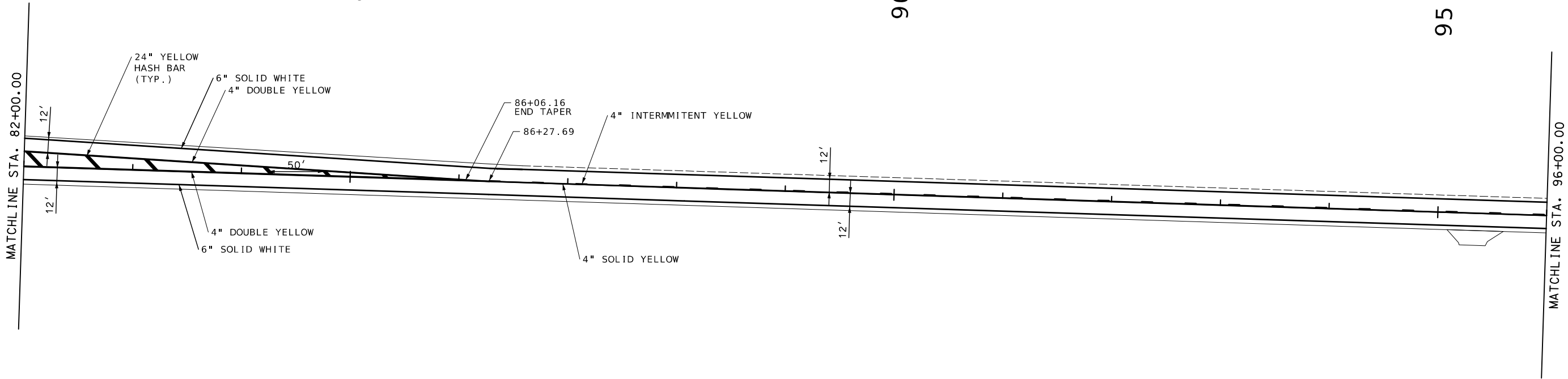
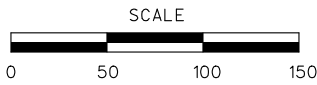


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 277
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

09/09/2026 11:53:24 AM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	278

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

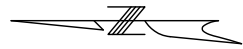
PROJECT NO.

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

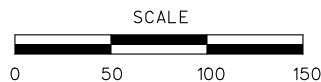
0+00.00
0+00.00
BEGIN TAPER

4" DOUBLE YELLOW

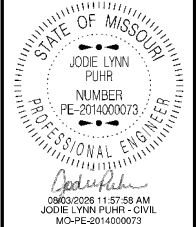
24" YELLOW
HASH BAR
(TYP.)
4" DOUBLE YELLOW

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

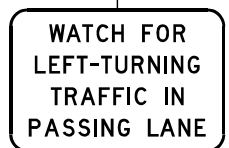
6" SOLID WHITE
4" DOUBLE YELLOW
4" DOUBLE YELLOW

MATCHLINE STA. 124+00.00



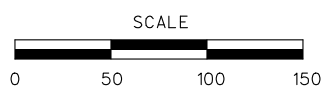
36"X48"

R4-16
54
STA 118+43.85
OFFSET 23.04' RT

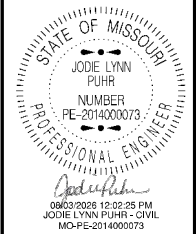


72"X48"

W6-17
55
STA 122+66.58
OFFSET 31.09' RT



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 21 OF 66

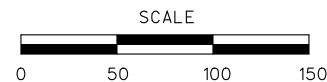
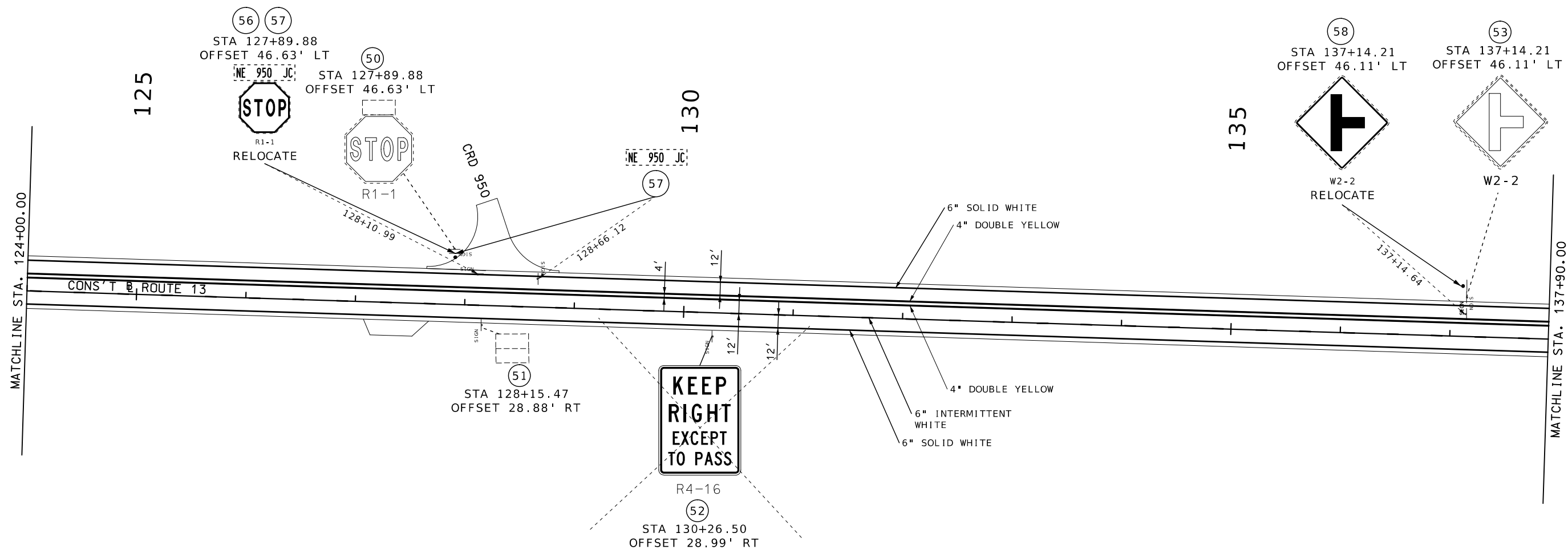


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 280
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

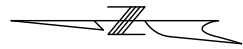
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 22 OF 66

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



MATCHLINE STA. 137+90.00

140

145

150

MATCHLINE STA. 151+90.00

CONST. ROUTE 13

6" SOLID WHITE
4" DOUBLE YELLOW

4" DOUBLE YELLOW
6" INTERMITTENT WHITE
6" SOLID WHITE

4'
12'
12'
12'

STOP FOR
SCHOOL BUS
LOADING OR UNLOADING
CHILDREN
STATE LAW

48"X48"

SPECIAL SIGN

ALL LANES

48"X12"

SPECIAL SIGN

59

STA 139+61.15
OFFSET 30.01' RT

60
STA 147+53.35
OFFSET 45.32' LT



36"X36"

W9-1L

1/4
MILES

30"X24"

W16-3P



36"X36"

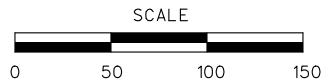
W9-1L

1/4
MILES

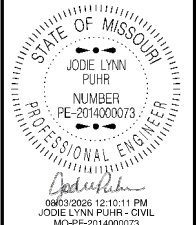
30"X24"

W16-3P

61
STA 147+53.35
OFFSET 29.61' RT



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 23 OF 66



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

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



MATCHLINE STA. 151+90.00

155

160

165

MATCHLINE STA. 165+90.00

CONS'T B ROUTE 13

6" SOLID WHITE
4" DOUBLE YELLOW

6" INTERMITTENT
WHITE
4" DOUBLE YELLOW
6" SOLID WHITE

162+65.50
162+36.90
162+53.35
BEGIN TAPER

4" DOUBLE YELLOW
24" YELLOW
HASH BAR
(TYP.)

4" DOUBLE YELLOW

50'

4'

12'

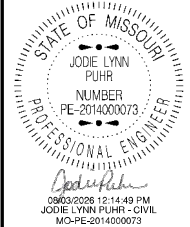
12'

12'

SCALE



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 24 OF 66



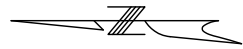
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 283
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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

16'

12'

4" DOUBLE YELLOW
6" SOLID WHITE

169+73.34

12'

50'

175

65
STA 176+08.13
OFFSET 29.43' LT

STOP FOR
SCHOOL BUS
LOADING OR UNLOADING
CHILDREN
STATE LAW

48"X48"

SPECIAL SIGN

ALL LANES

48"X12"

SPECIAL SIGN

STA 174+83.41
END TAPER

4" DOUBLE YELLOW

CONS'T TO ROUTE 13

180

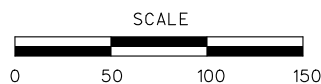
MATCHLINE STA. 179+80.00

64
STA 176+00.71
OFFSET 26.30' RT

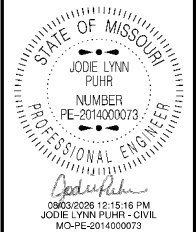
NEXT
PASSING
LANE
3 MILES

48"X48"

D17-3



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.

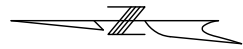
PROJECT NO.

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

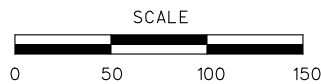
CONST B, ROUTE 13

6" SOLID WHITE
4" DOUBLE YELLOW

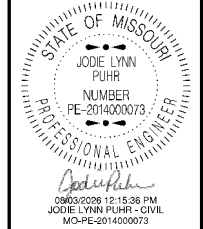
6" SOLID WHITE

12'

12'



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 26 OF 66



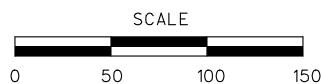
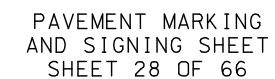
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 285
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

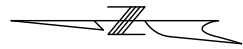
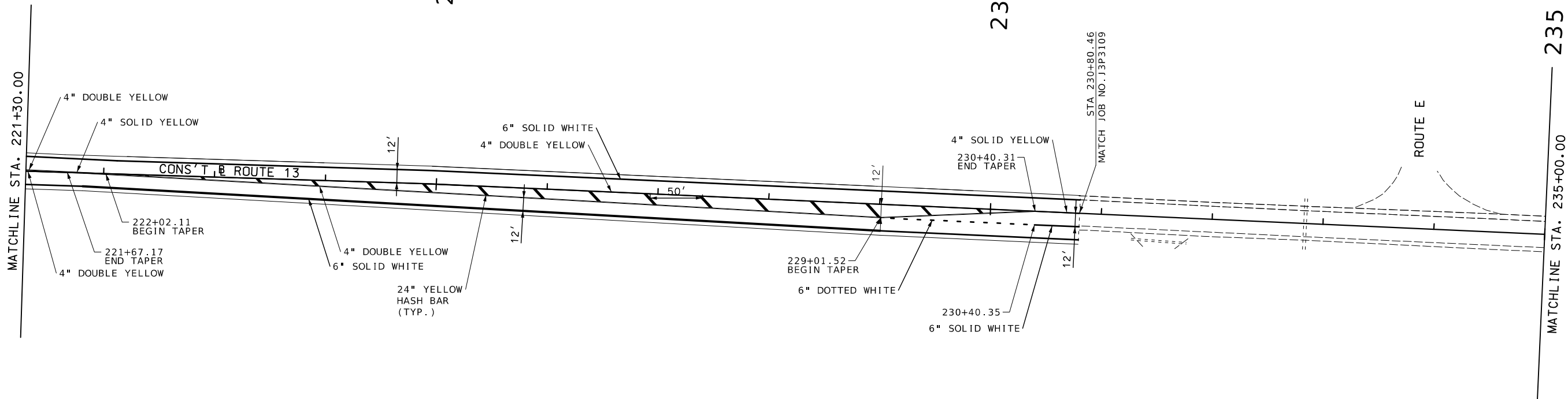
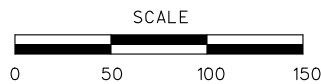
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



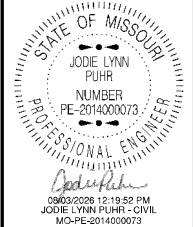
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)





STA. 230+80.46
JOB NO. J3P3109
(SEE JOB NO. J3P3109 FOR DETAILS)

PAVEMENT MARKING
AND SIGNING SHEET
SHEET 29 OF 66



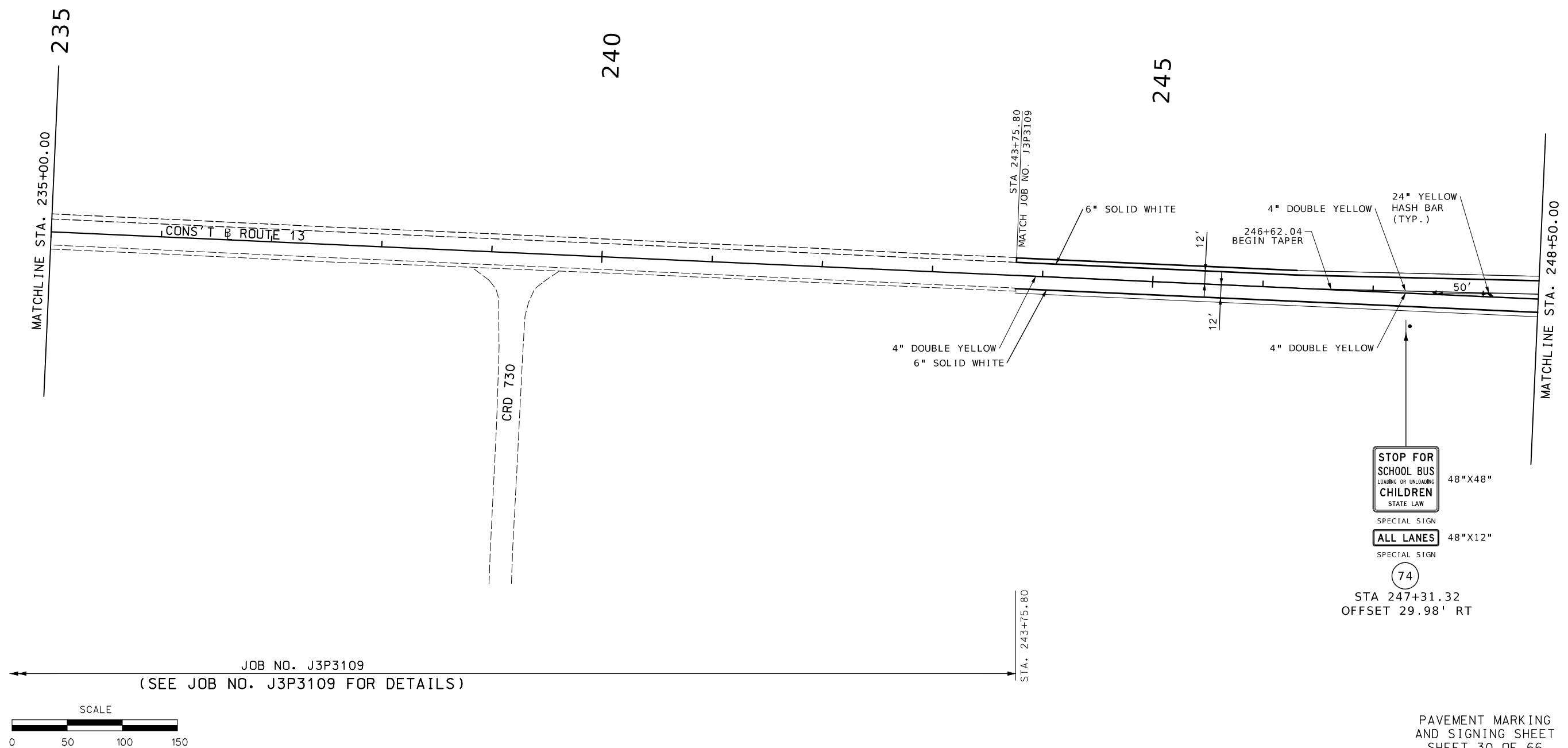
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 288
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

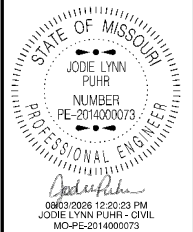
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 30 OF 66



DATE PREPARED
7/31/2026

ROUTE	STATE
13	MO

DISTRICT KC	SHEET NO. 289
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COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

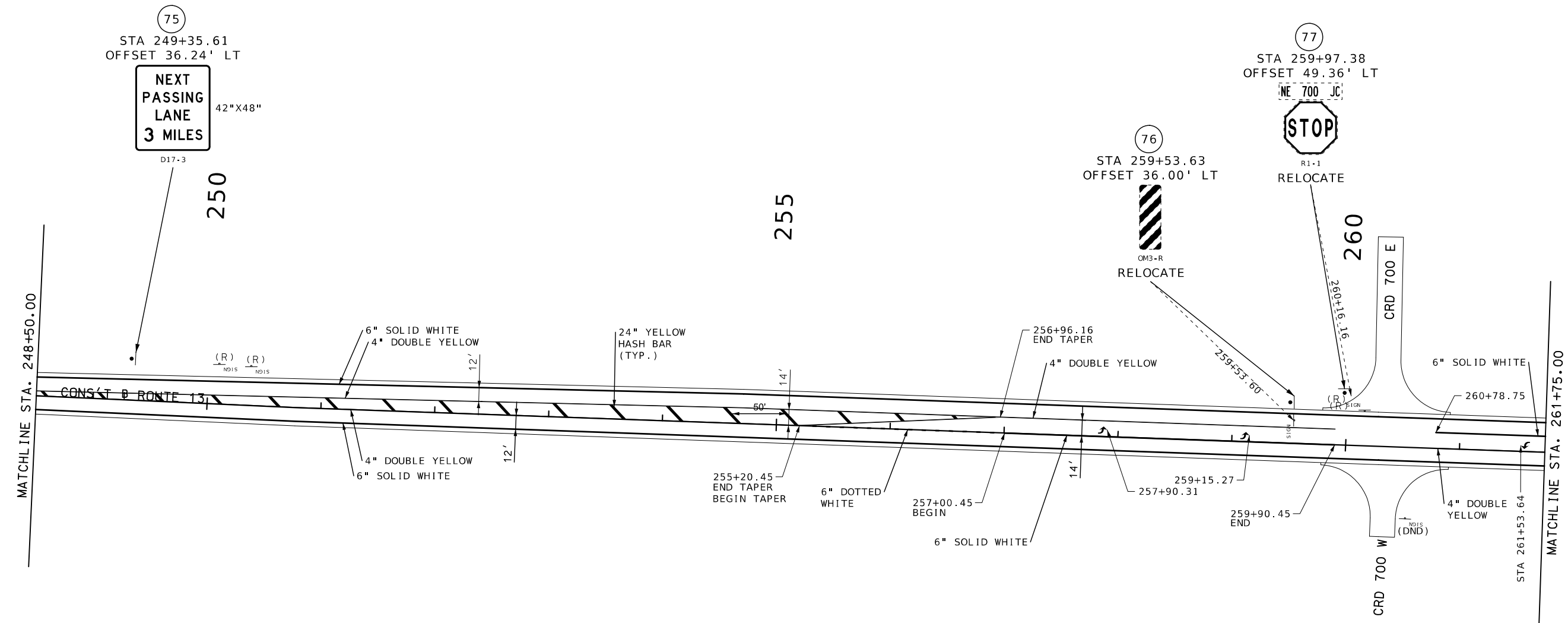
BRIDGE NO.

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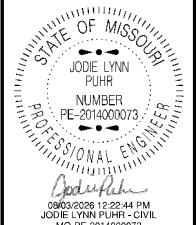
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 31 OF 66



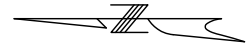
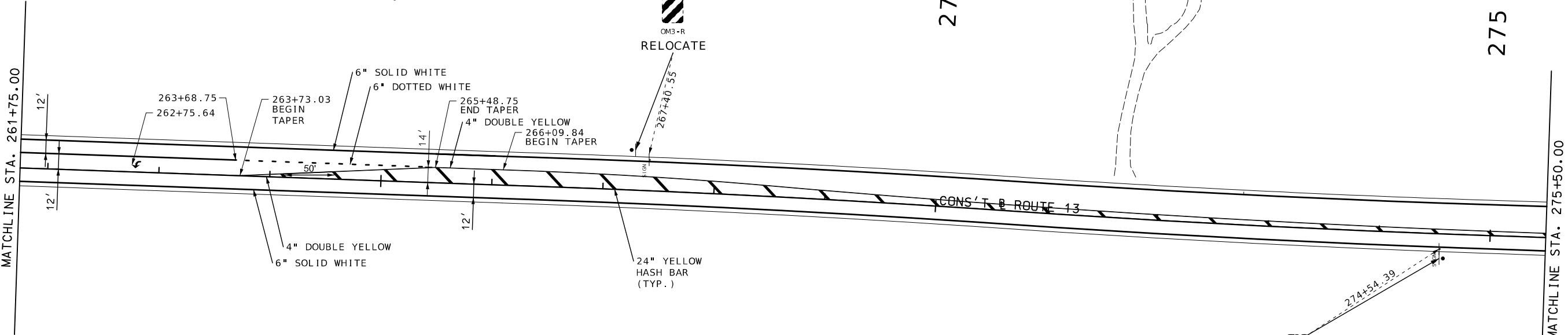
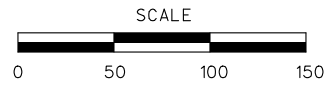
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 290
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

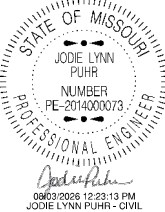
DATE					
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 32 OF 66



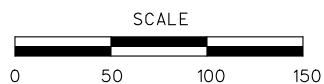
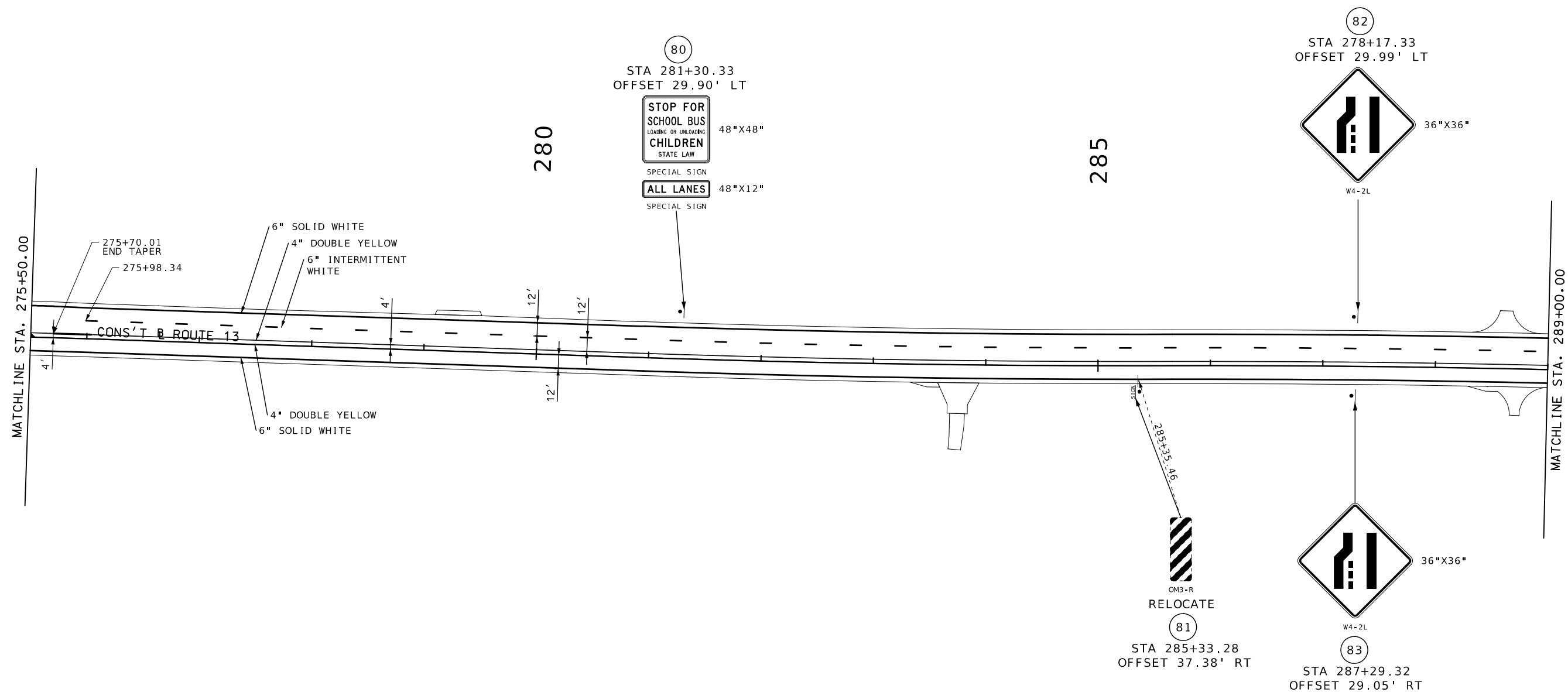
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 291
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

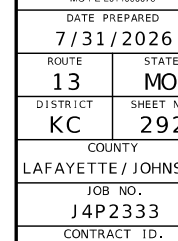
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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.

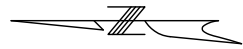
[illegible]

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

4" DOUBLE YELLOW
6" SOLID WHITE

CONS'T. R. ROUTE 13

84
STA 291+25.60
OFFSET 45.65' LT



W9-1L



W16-3P



W9-1L



W16-3P

85
STA 291+25.60
OFFSET 29.72' RT

295

86
STA 298+93.14
OFFSET 46.04' LT

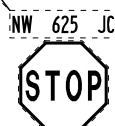


W6-17

300

CRD 625

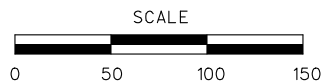
300+35.80



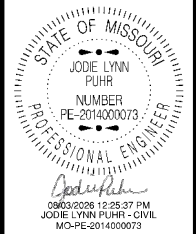
R1-1
RELOCATE

87
STA 300+52.13
OFFSET 29.81' RT

MATCHLINE STA. 302+50.00



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

4'
12'
12'

6" INTERMITTENT
WHITE

CONS'T B ROUTE 13

4" DOUBLE YELLOW
6" SOLID WHITE

6" SOLID WHITE
4" DOUBLE YELLOW

88
STA 309+35.53
OFFSET 44.22' LT



RELOCATE

309+35.53

310

89
STA 313+40.29
OFFSET 51.01' LT

NE 600 JC



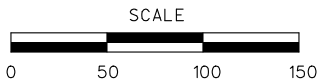
R1-1
RELOCATE

313+58.98

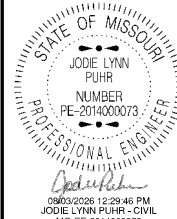
CRD 600

315

MATCHLINE STA. 316+00.00



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 35 OF 66



DATE PREPARED
7/31/2026

ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	294

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333
CONTRACT ID.

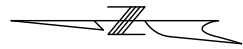
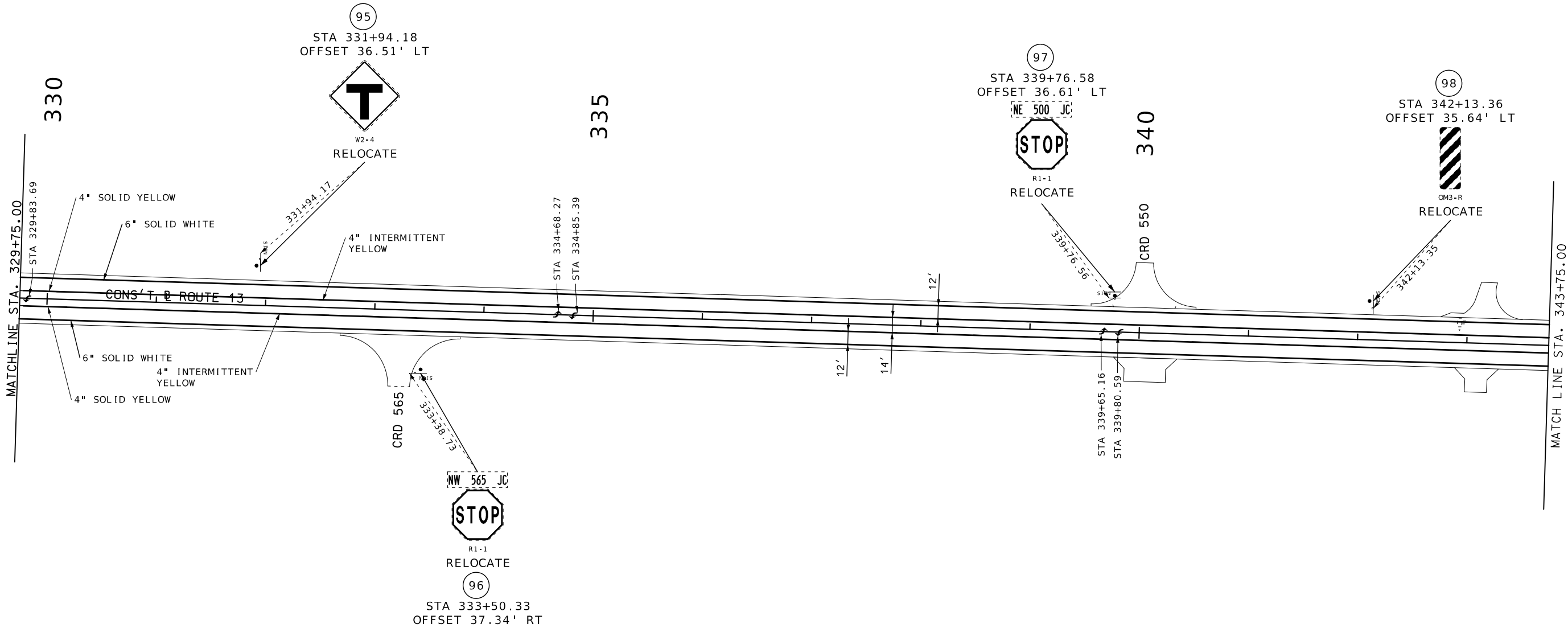
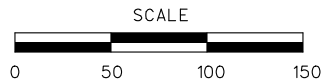
PROJECT NO.

BRIDGE NO.

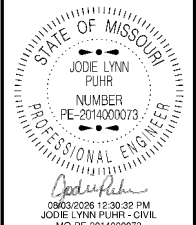
DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 37 OF 66



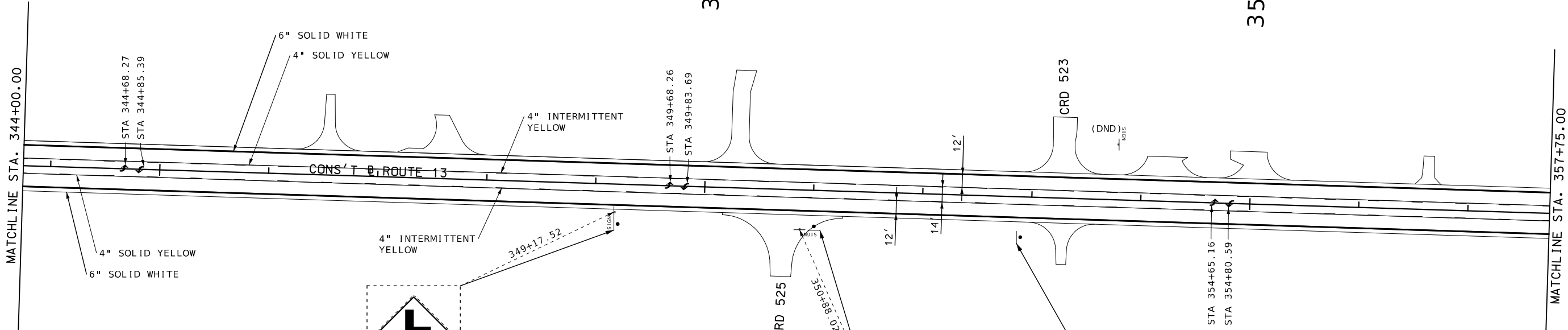
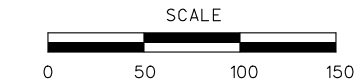
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 296
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

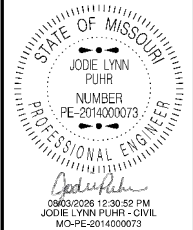
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



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.

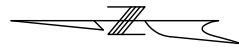
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



MATCH LINE STA. 371+75.00

(107)
STA 375+04.15
OFFSET 36.60' LT



RELOCATE

375

CRD 465
(PRIVATE)

4" INTERMITTENT
YELLOW

CONS'T ROUTE 13

STA 374+67.46
STA 374+80.58

4" INTERMITTENT
YELLOW

4" SOLID YELLOW
6" SOLID WHITE

6" SOLID WHITE
4" SOLID YELLOW

STA 379+68.26
STA 379+85.42

380

(R)



(108)

STA 380+60.88
OFFSET 36.51' RT

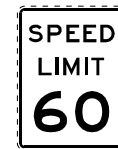
36"X36"

UTILITY
SIGN
(DND)
BILLBOARD
(DND)

(R) UTILITY
SIGN

(110)

STA 385+43.13
OFFSET 36.67' LT

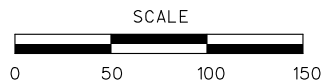


RELOCATE

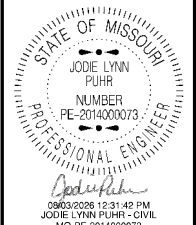
385

STA 384+67.47
STA 384+80.59

MATCH LINE STA. 385+75.00



PAVEMENT MARKING
AND SIGNING SHEET
SHEET 40 OF 66



DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 299
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

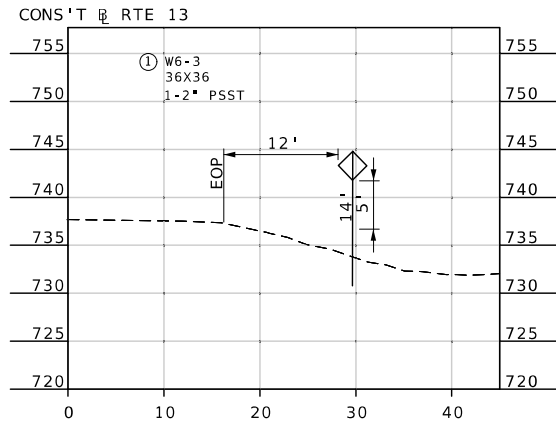
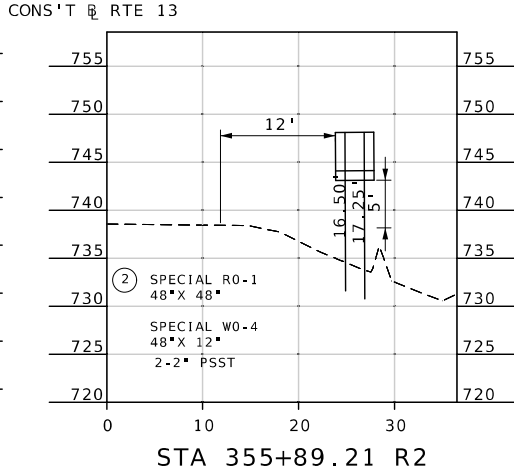
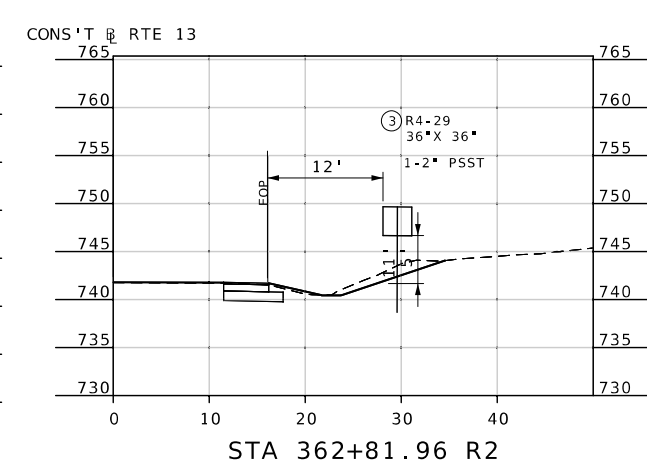
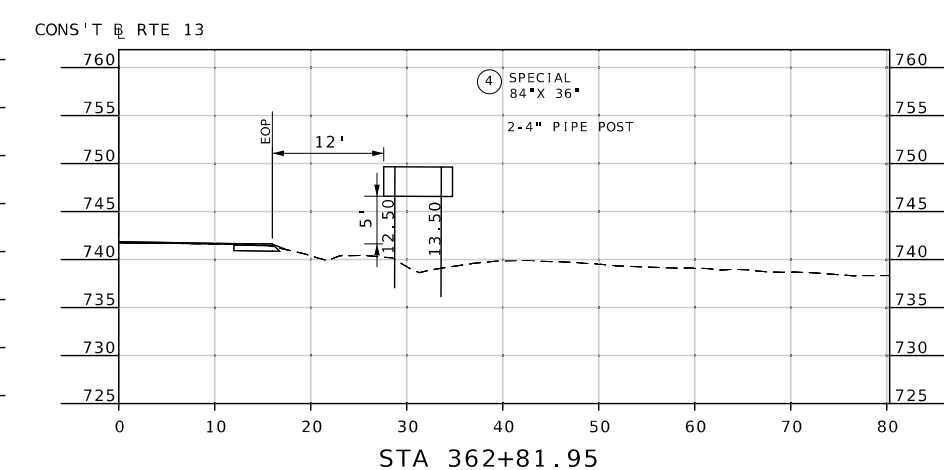
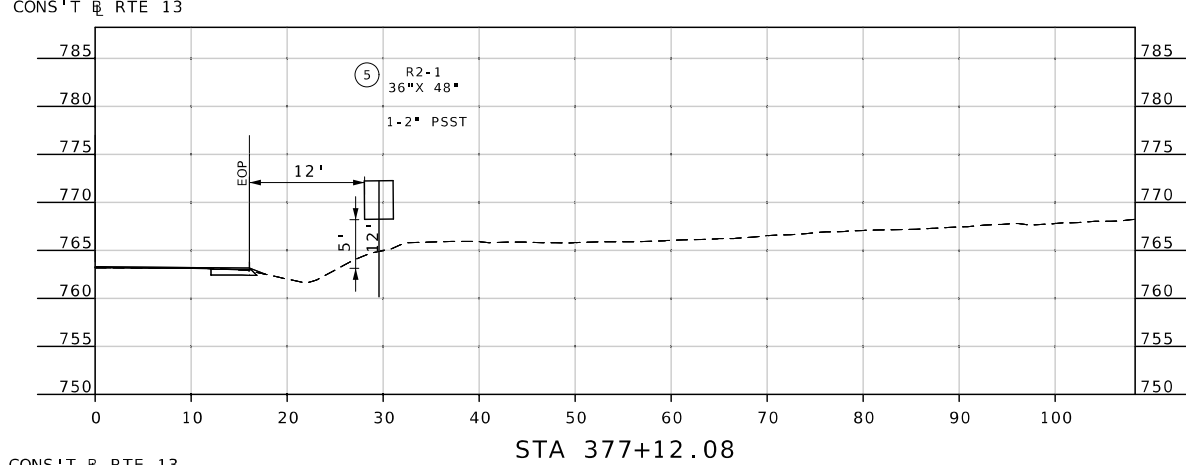
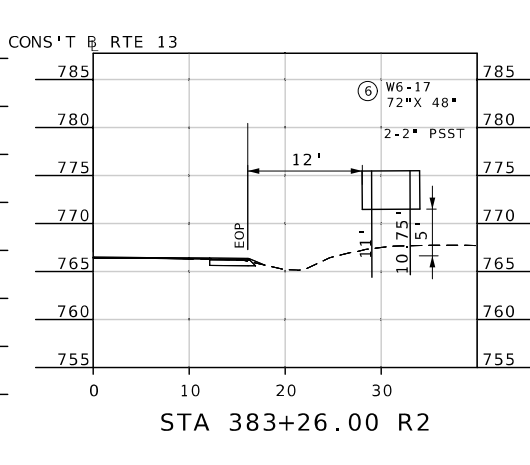
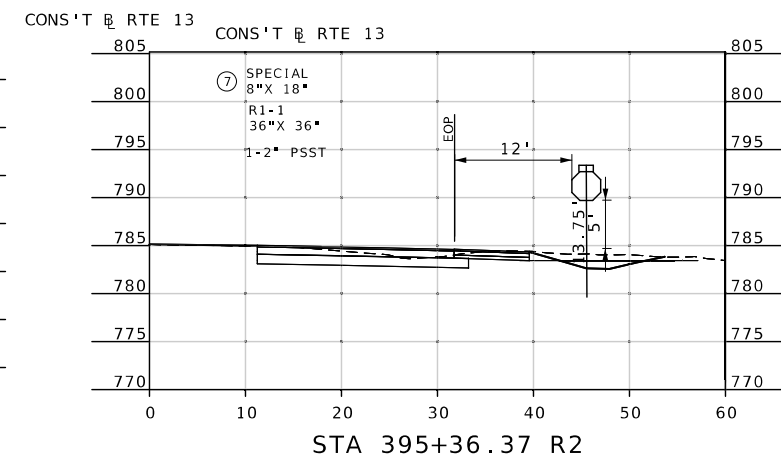
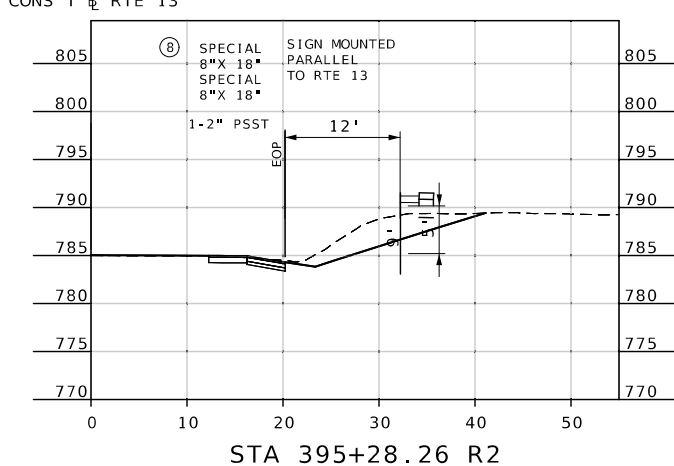
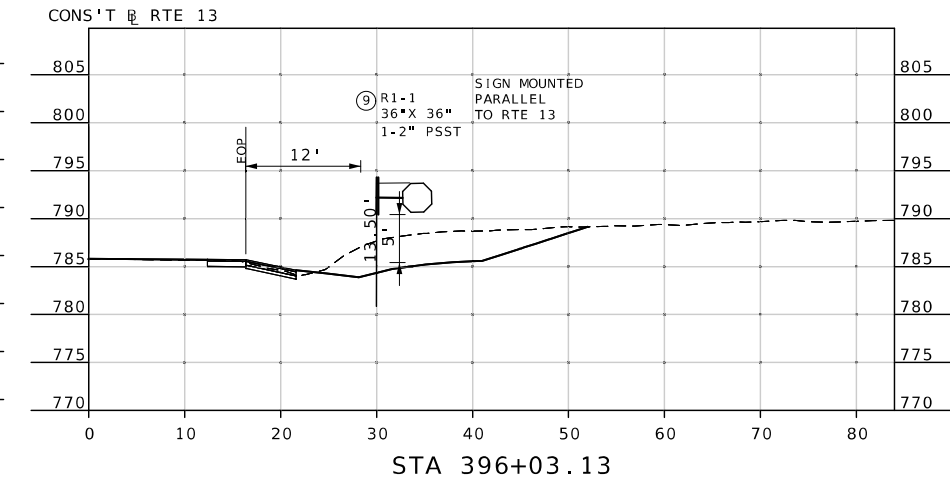
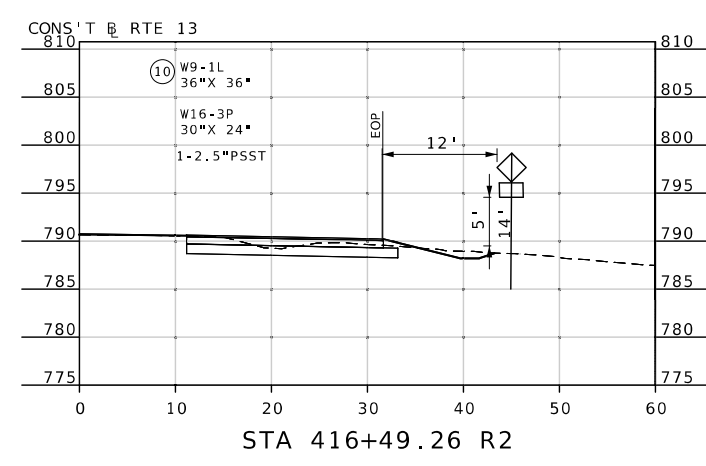
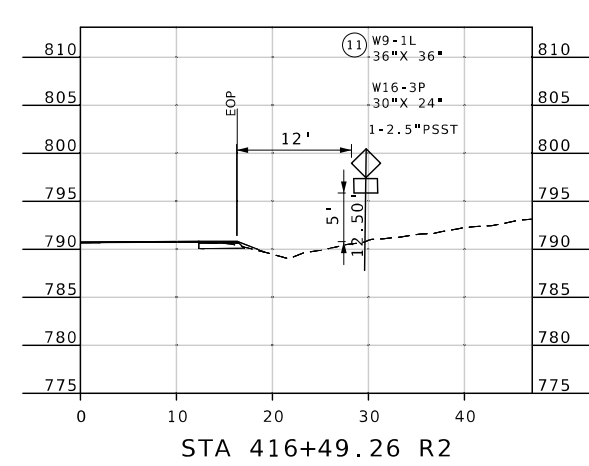
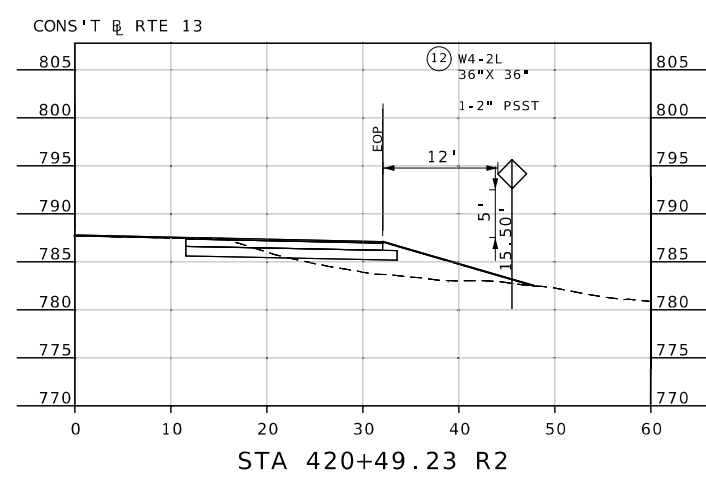
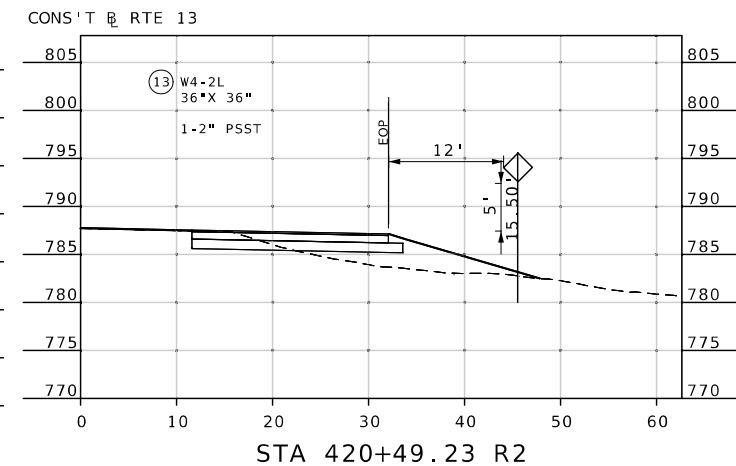
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

DATE PREPARED

8/1/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

301

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

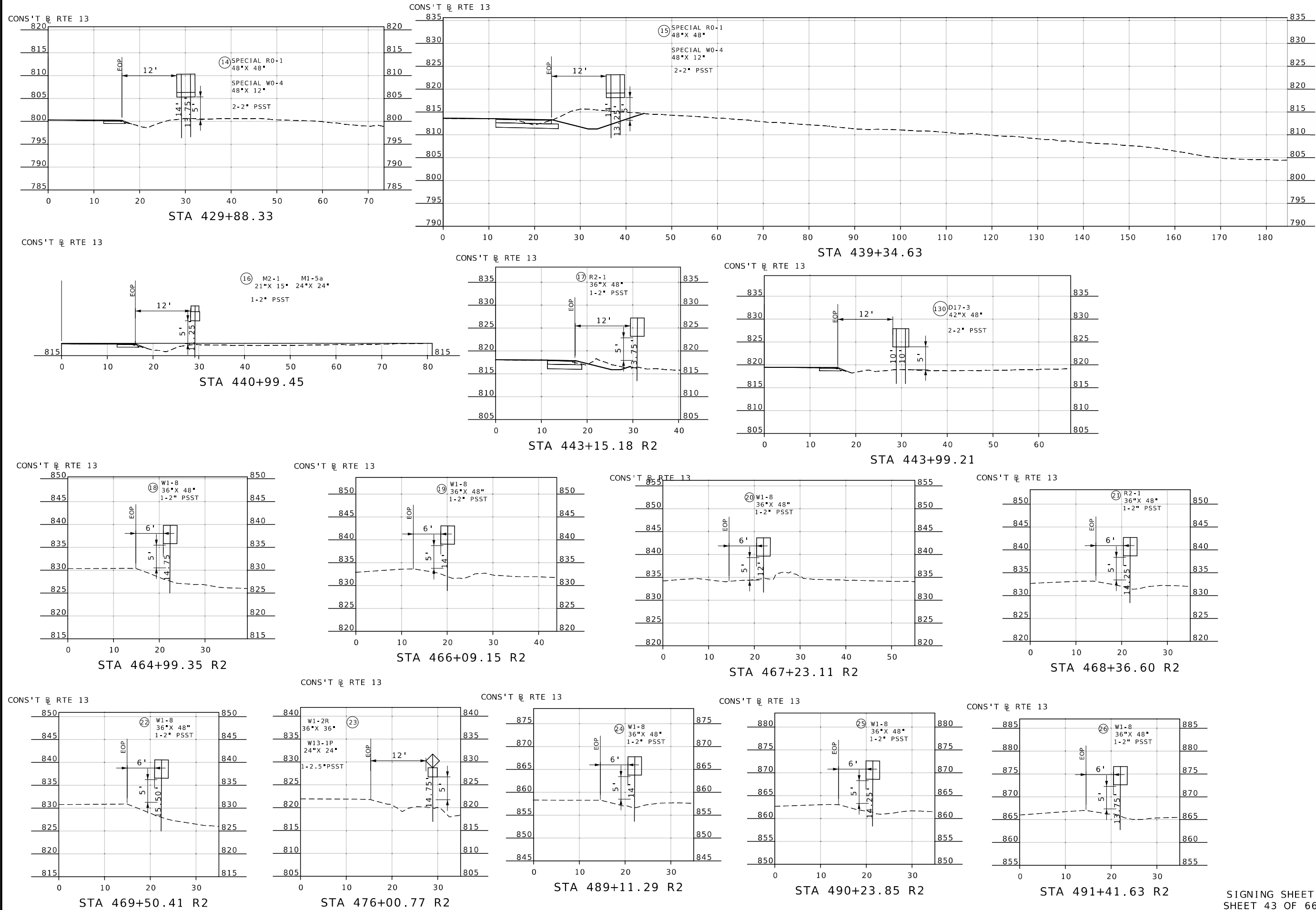
DATE

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
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.

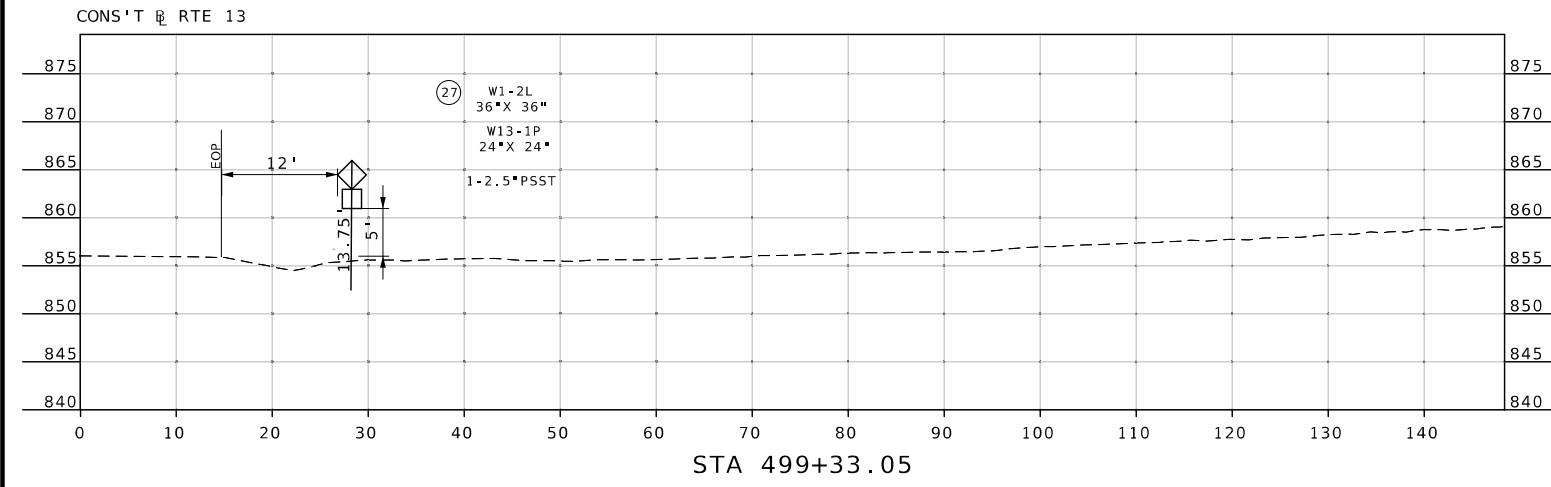
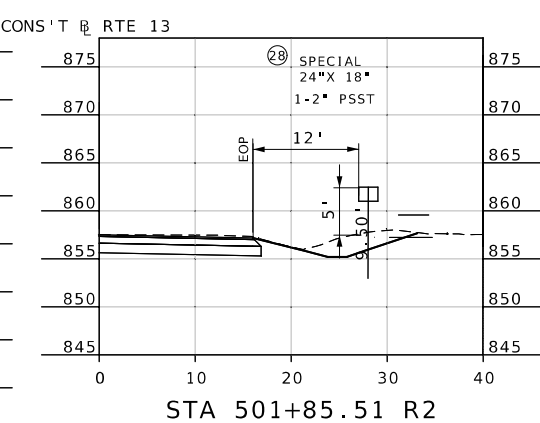
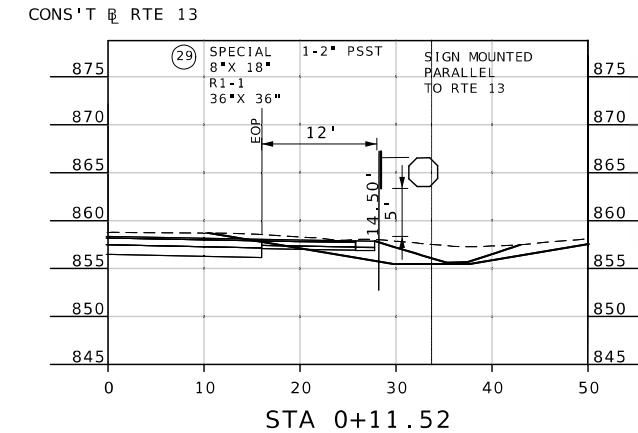
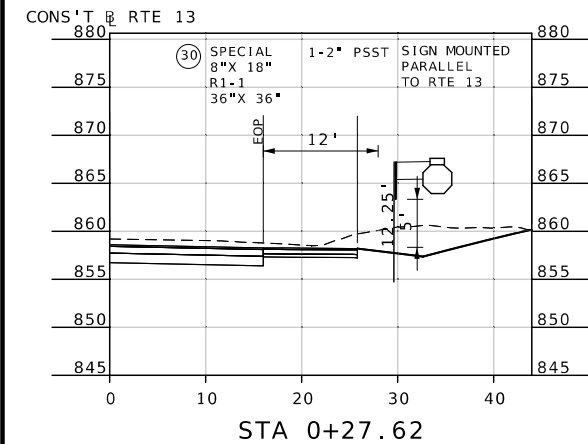
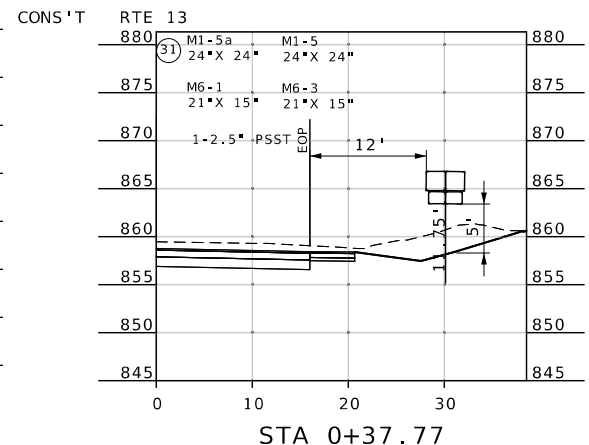
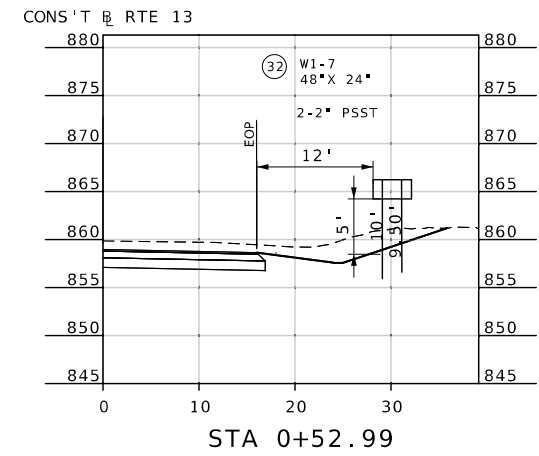
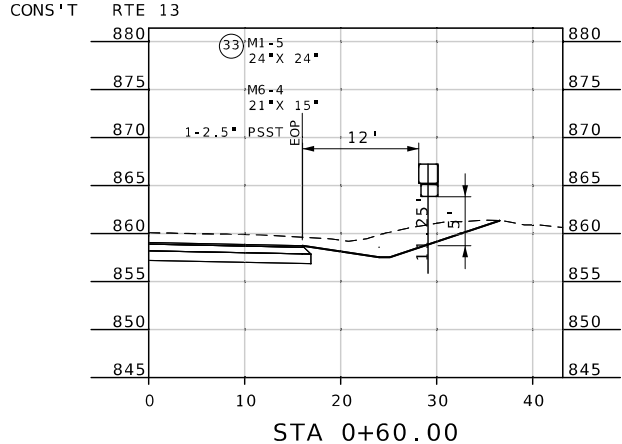
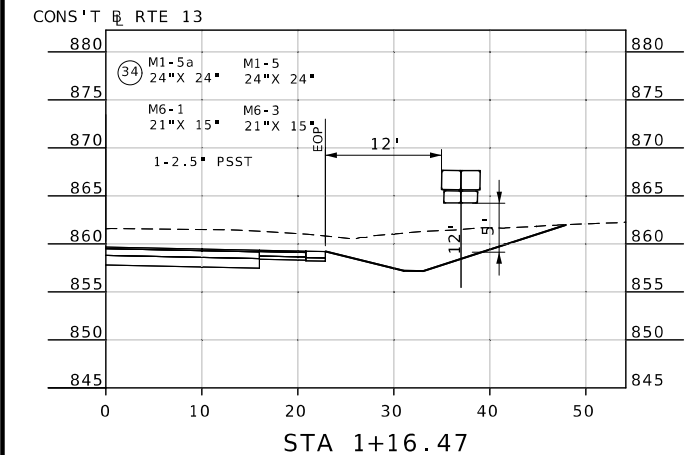
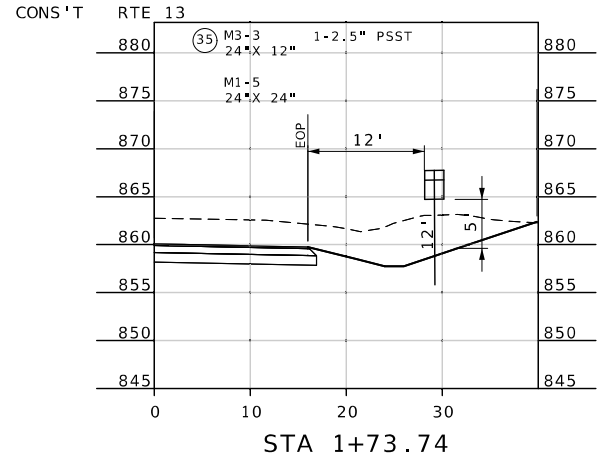
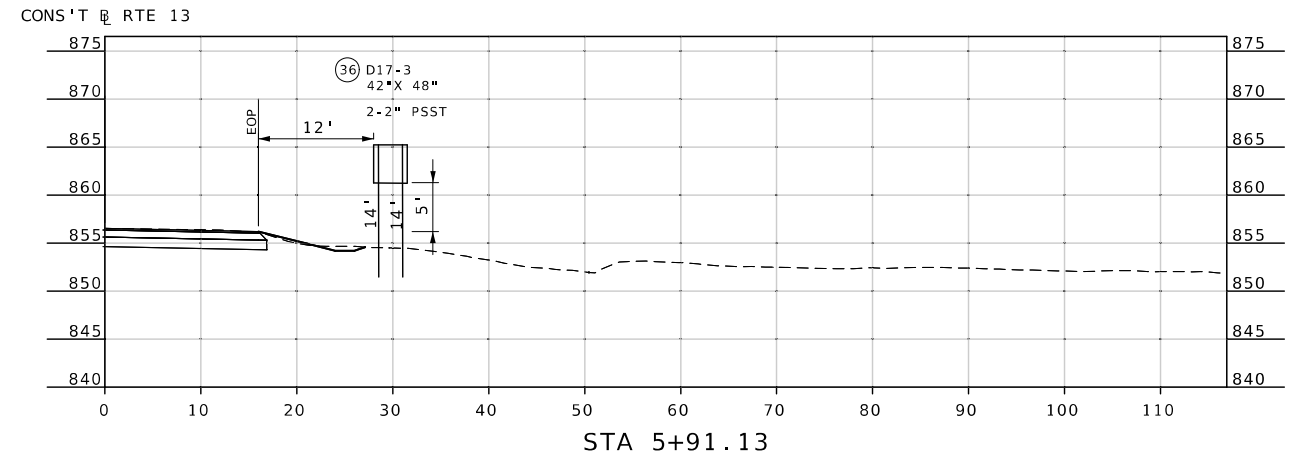
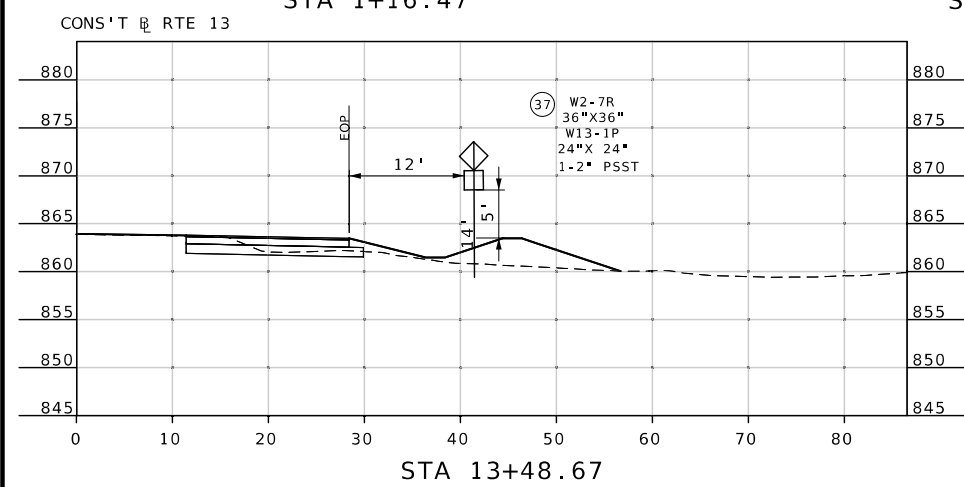
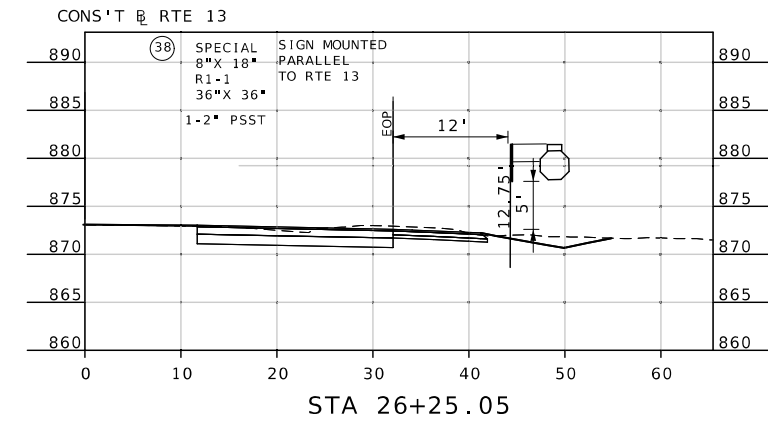
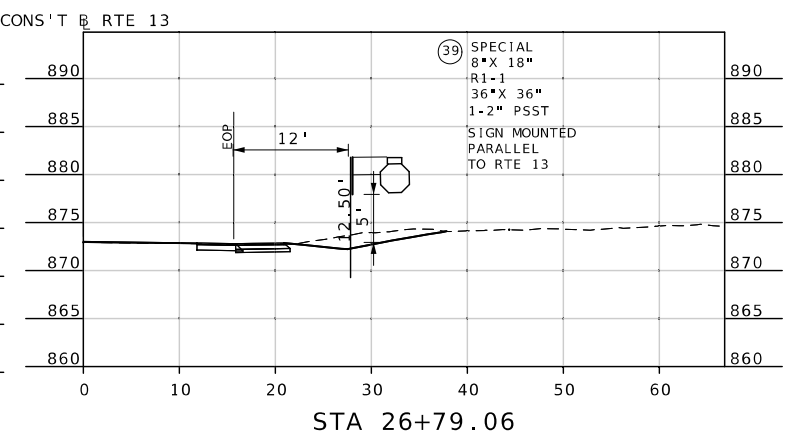
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT



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

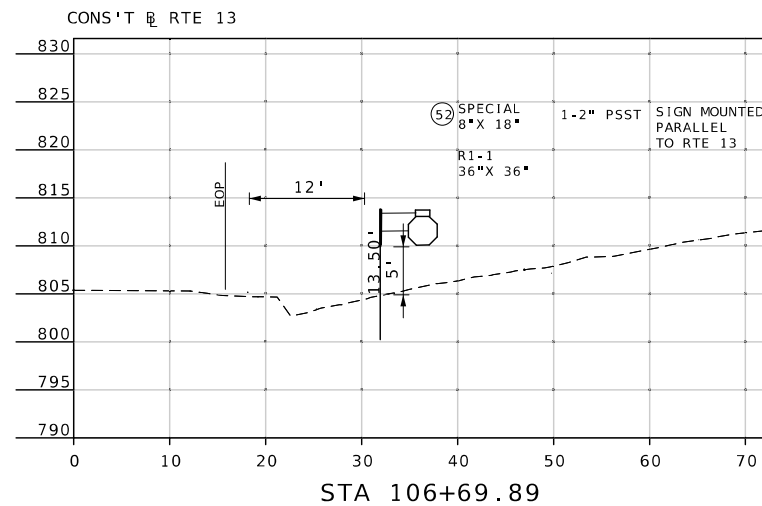
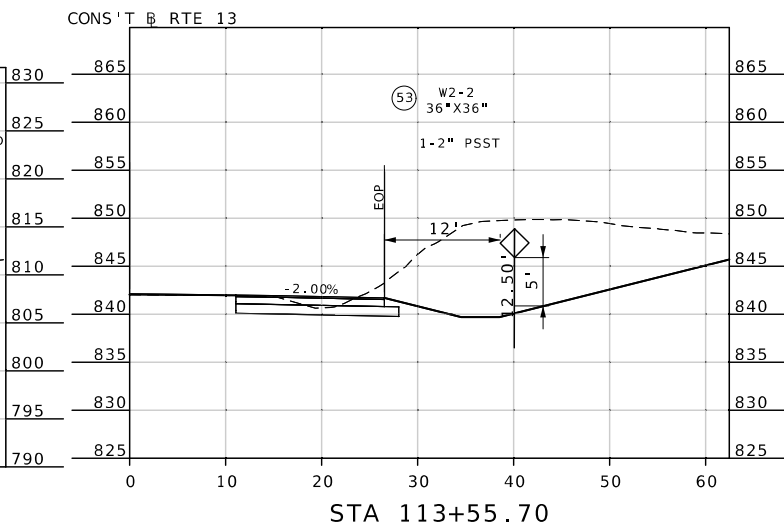
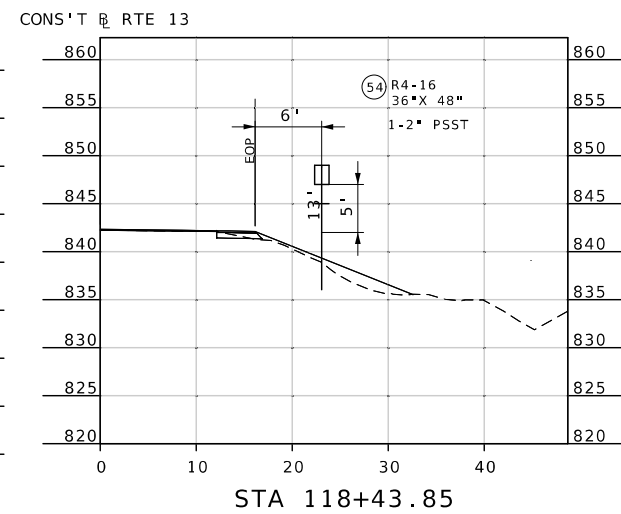
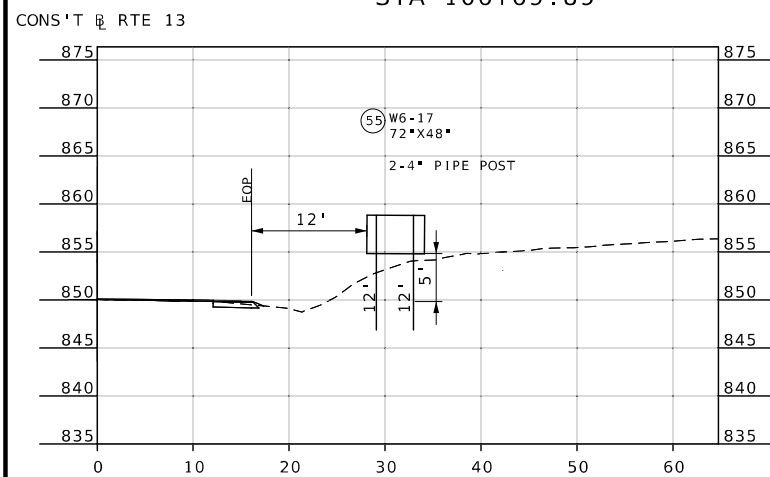
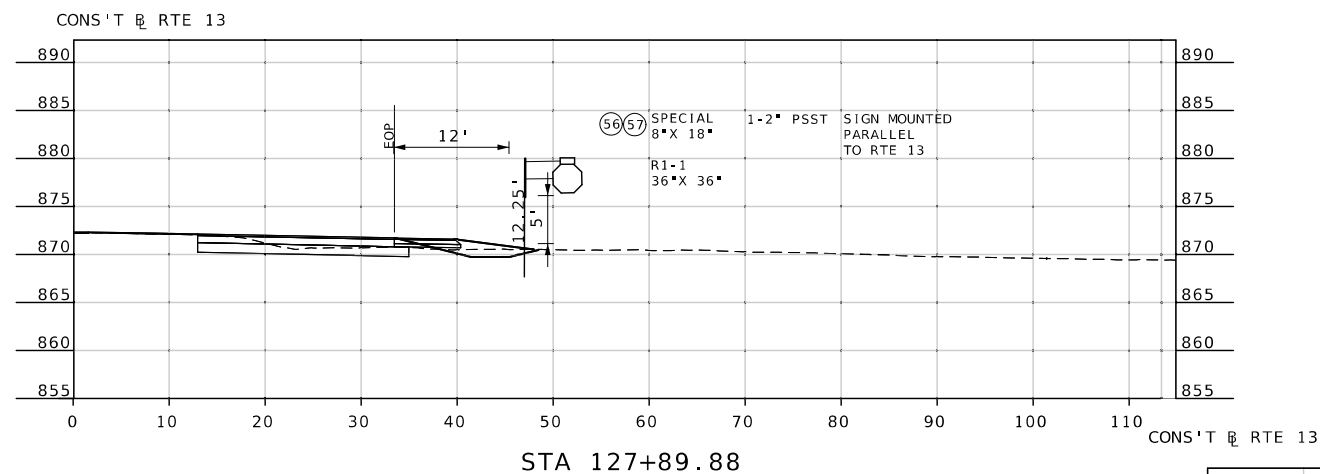
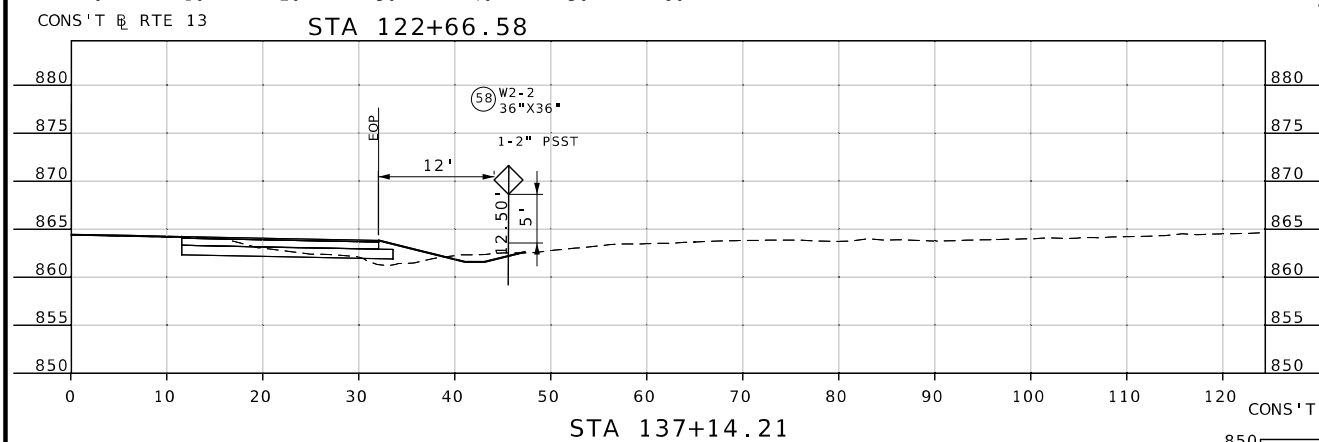
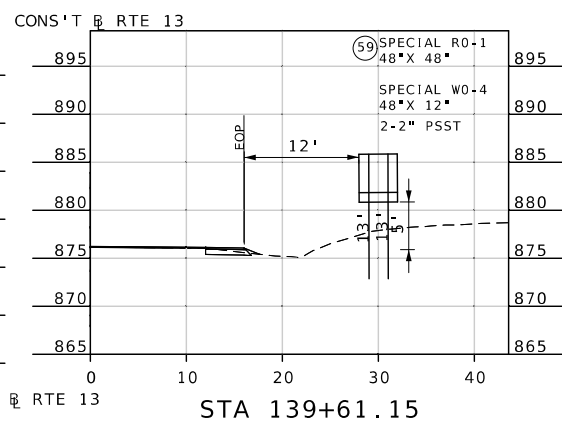
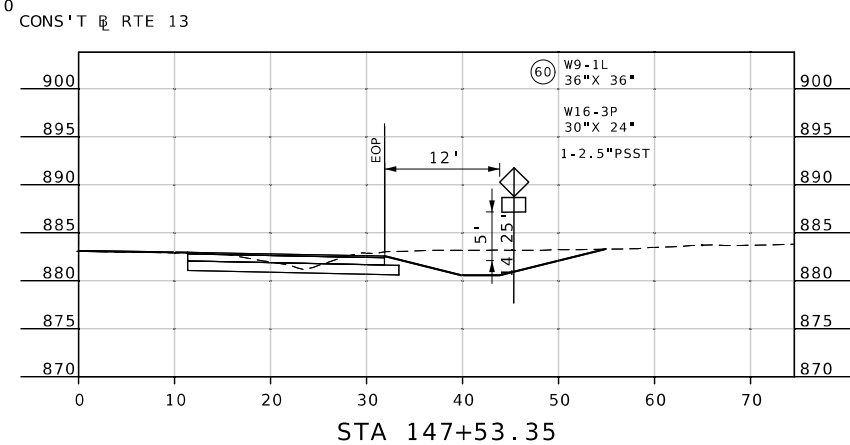
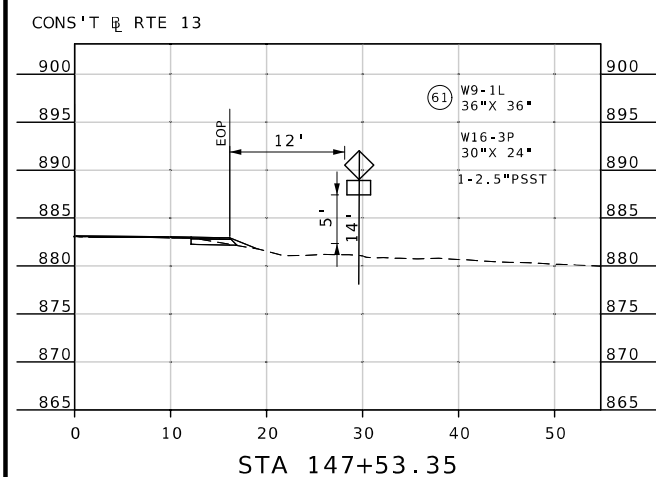
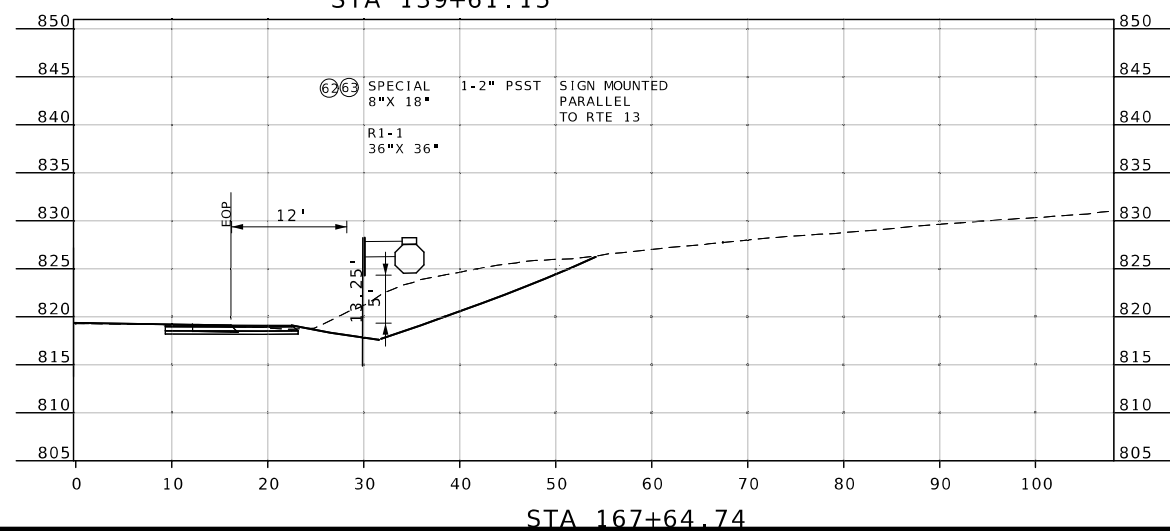
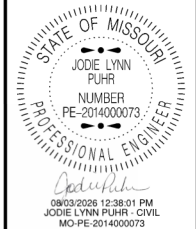
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



DATE PREPARED
8/1/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 305

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

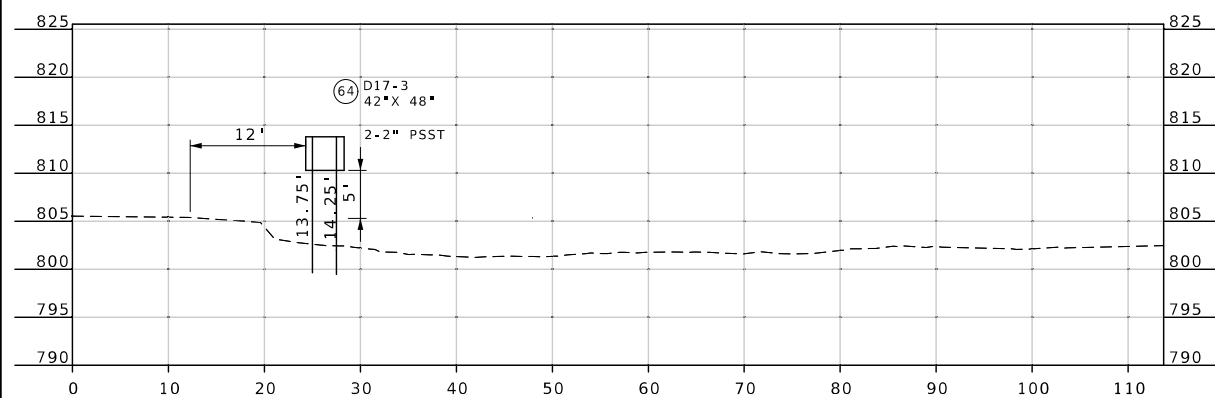
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PROJECT NO.

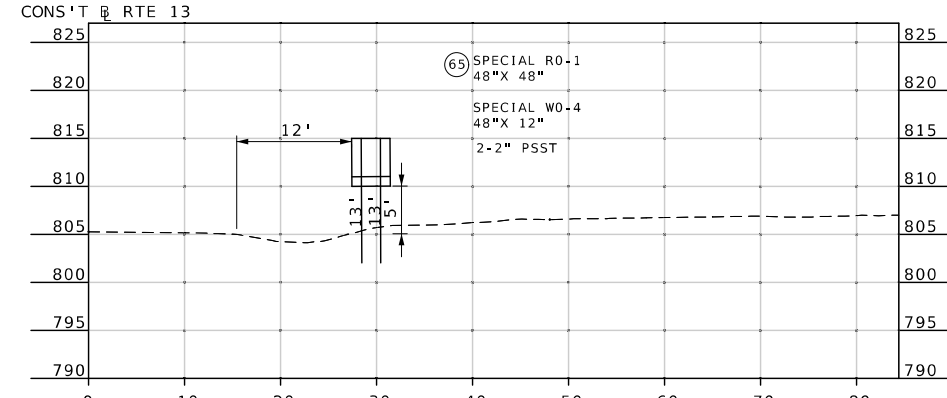
BRIDGE NO.

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COMMISSION

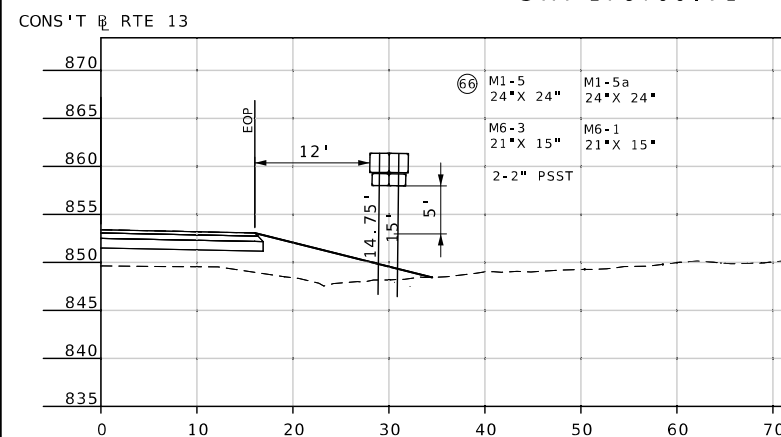
SIGNING SHEET
SHEET 46 OF 66



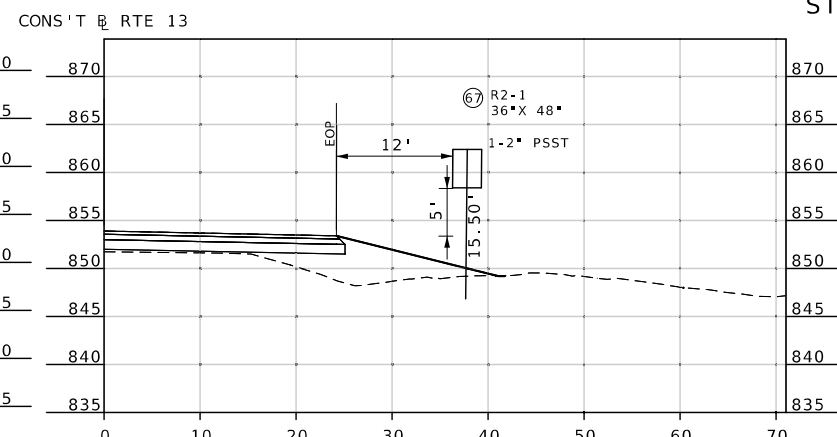
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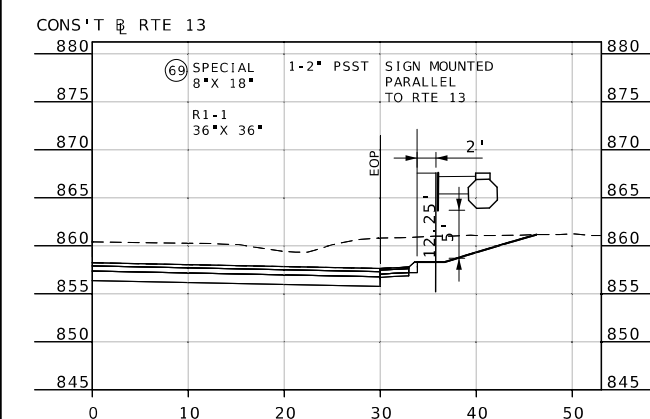
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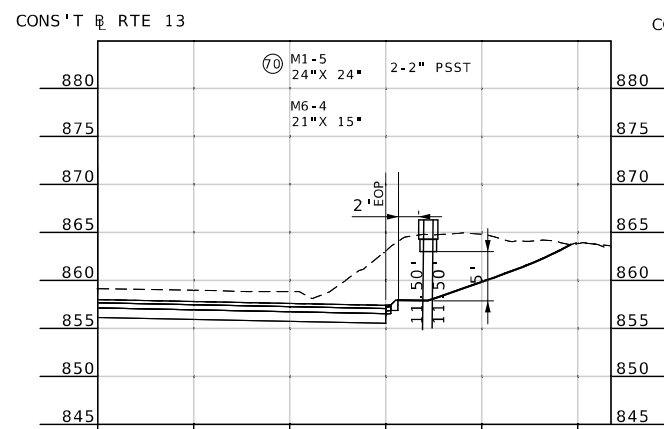
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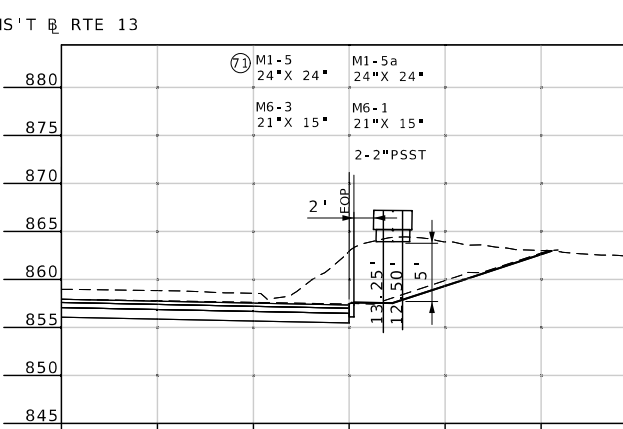
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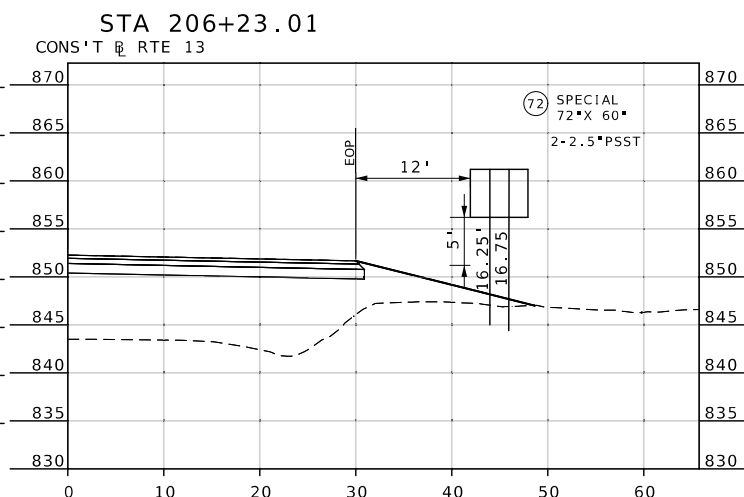
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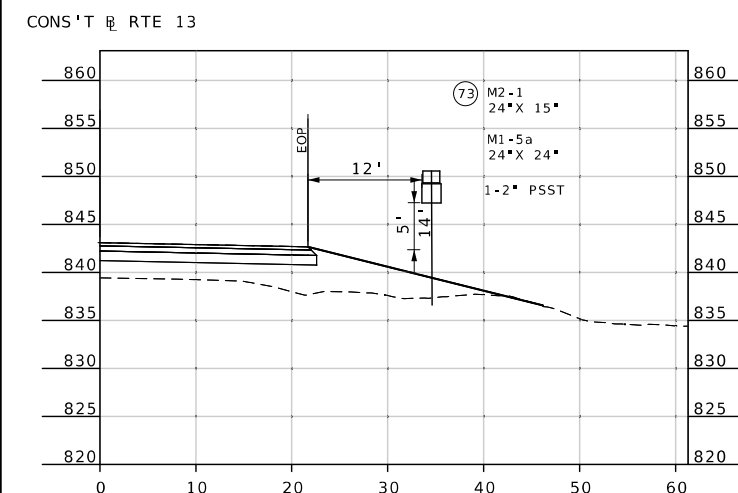
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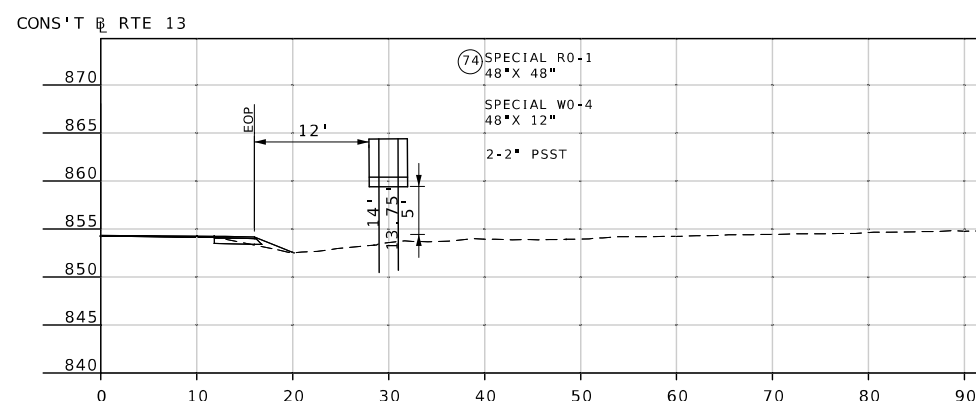
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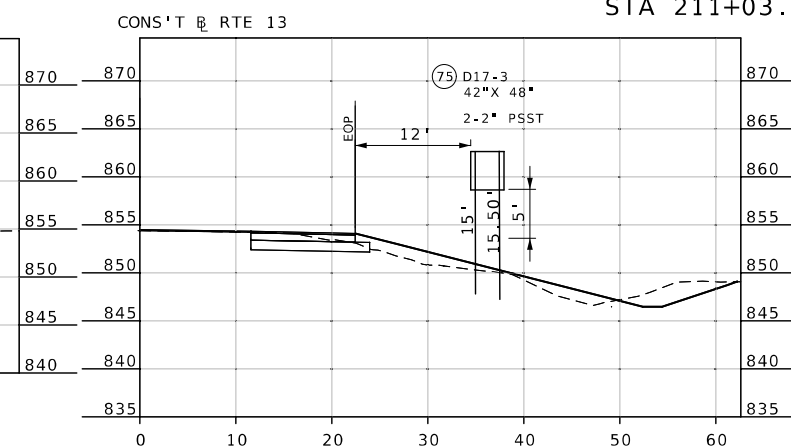
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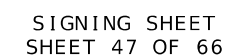
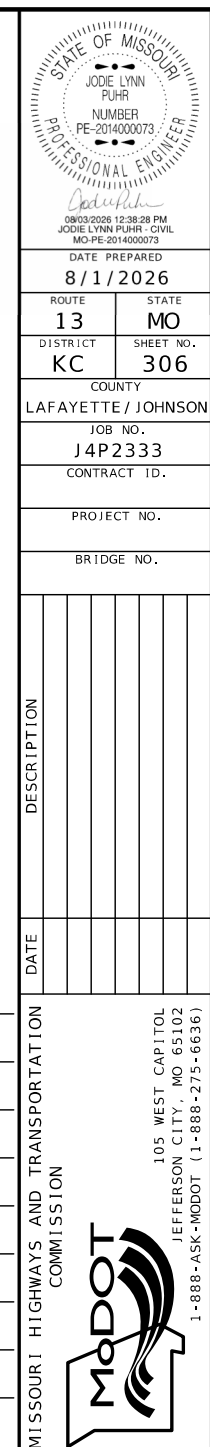
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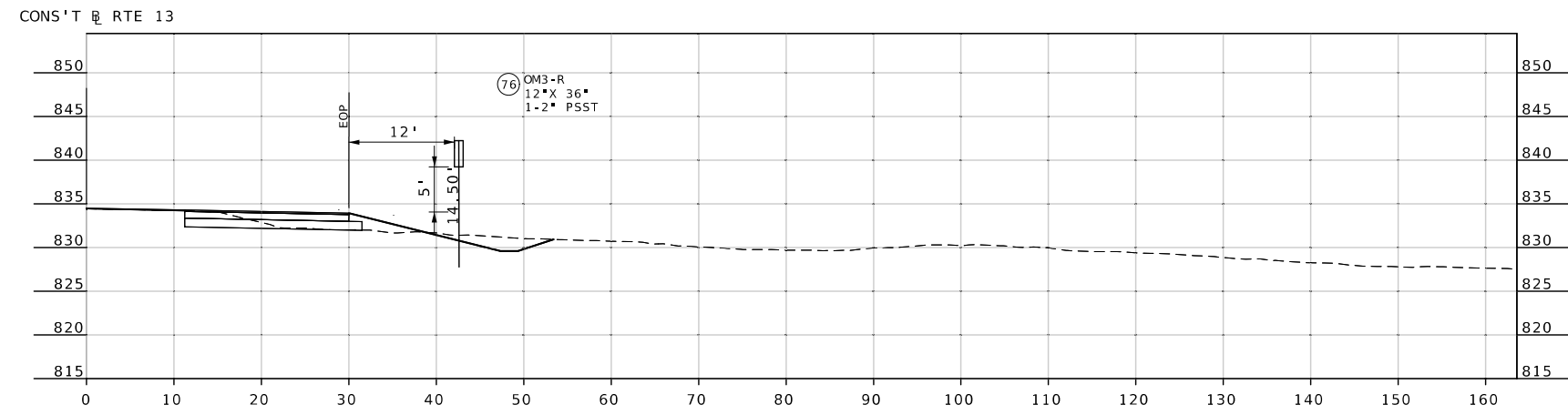
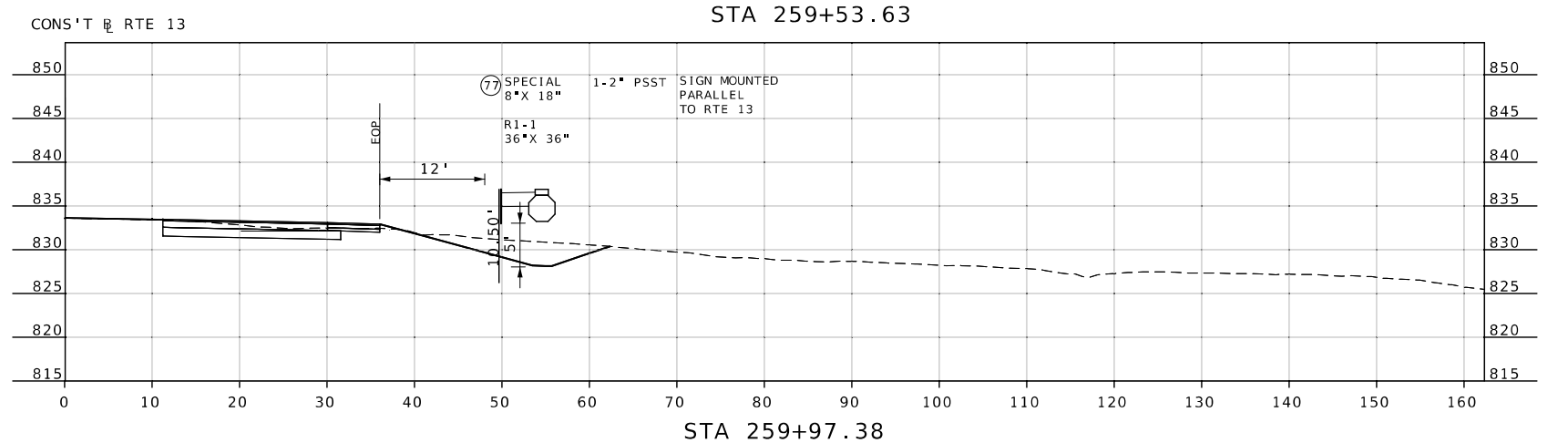
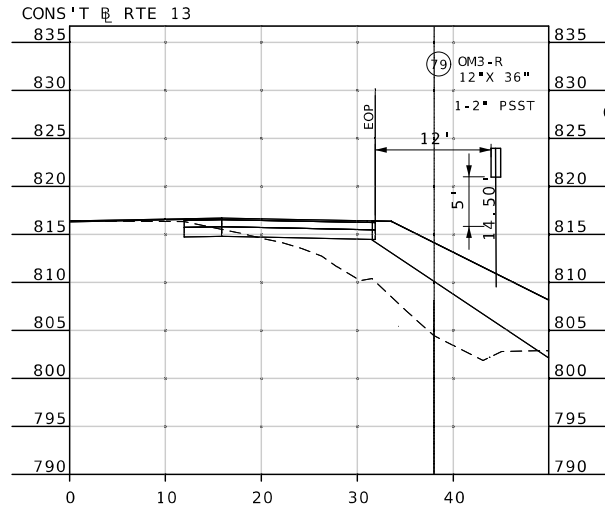


STA 247+31.32

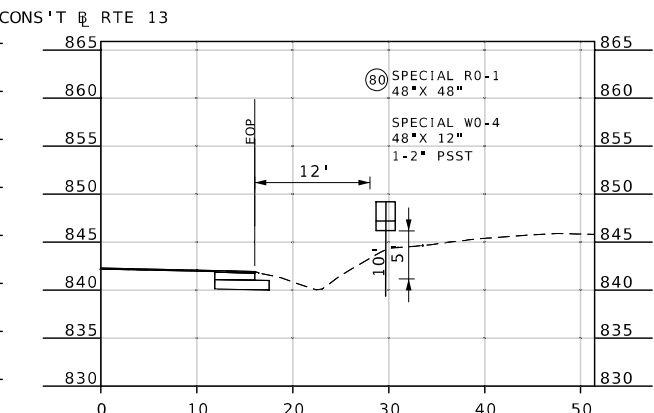


STA 249+35.61

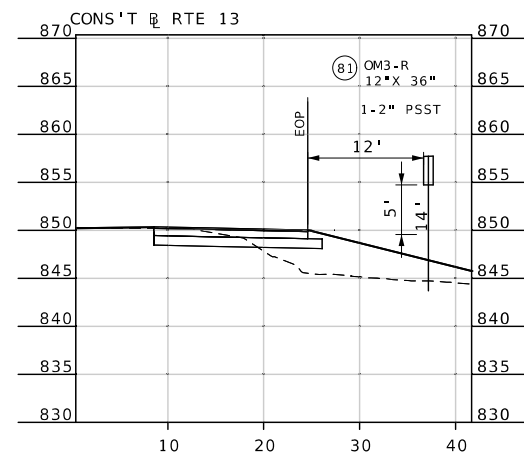




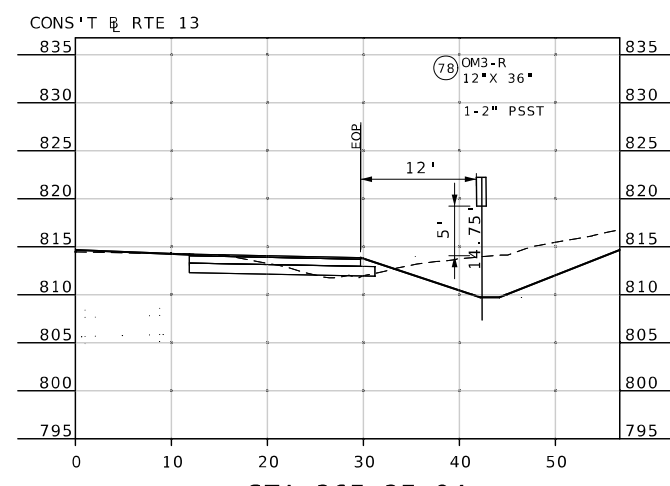
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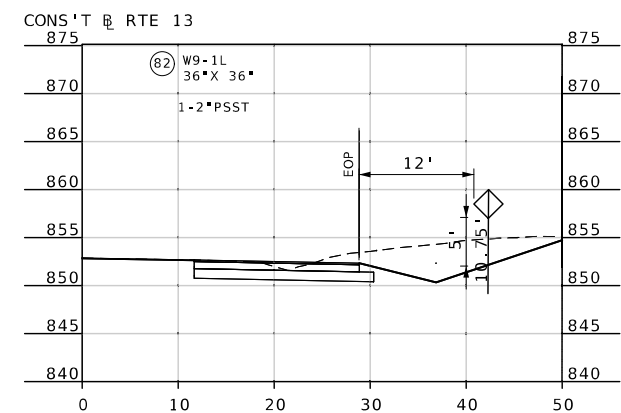
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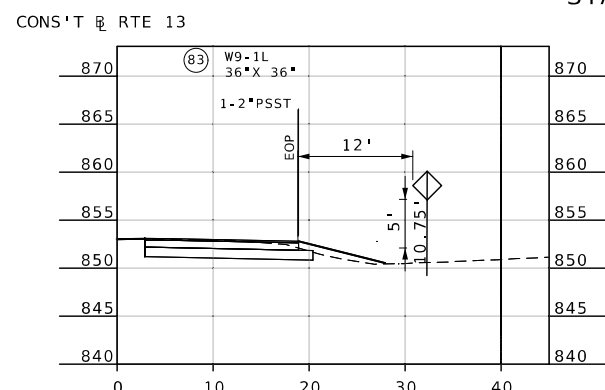
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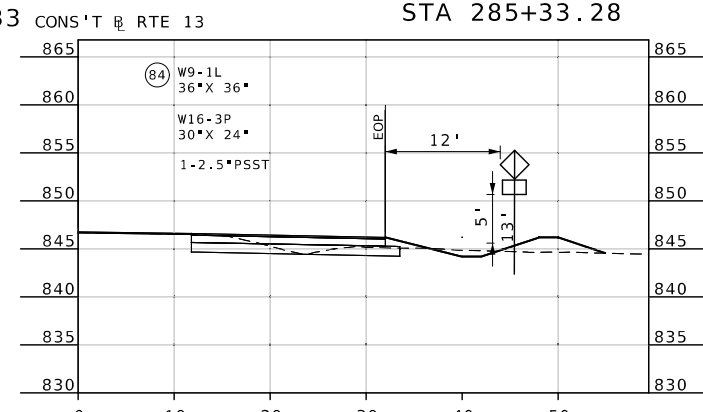
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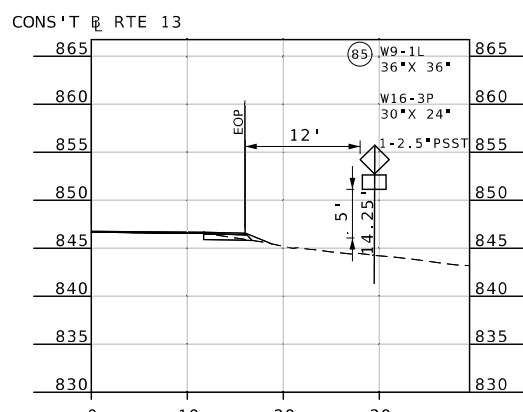
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STA 287+29.32



STA 291+25.60



STA 291+25.60

STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/03/2026 12:38:56 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

8/1/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

307

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

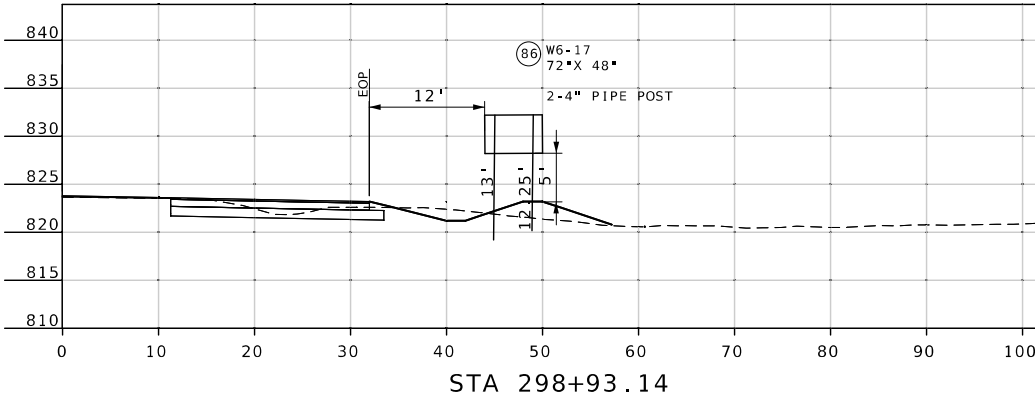
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

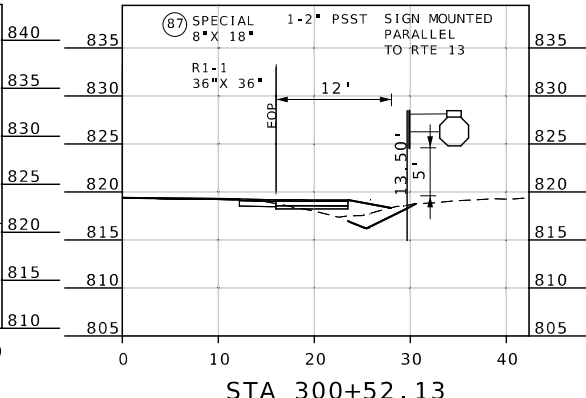
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CONS'T RTE 13



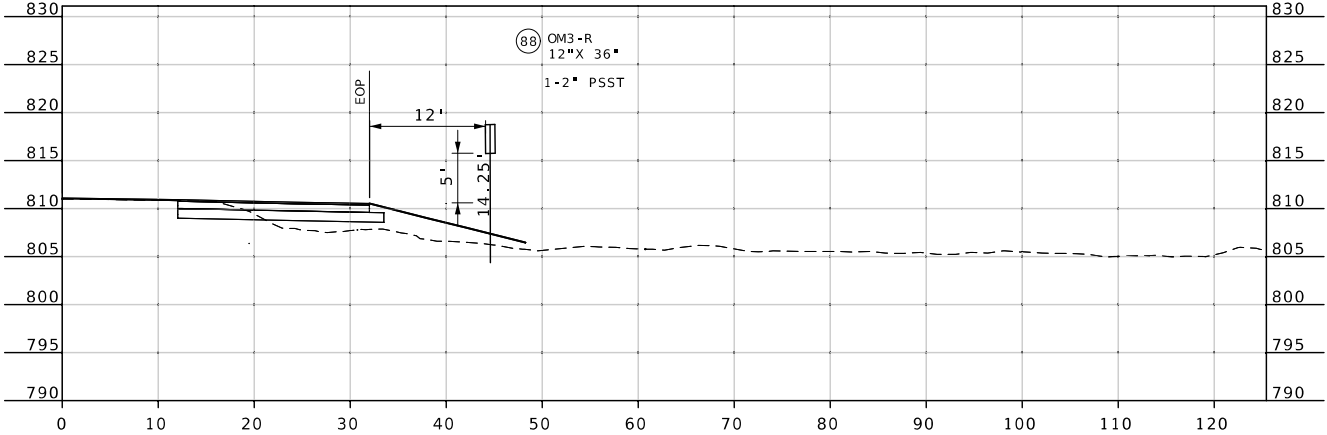
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CONS'T RTE 13



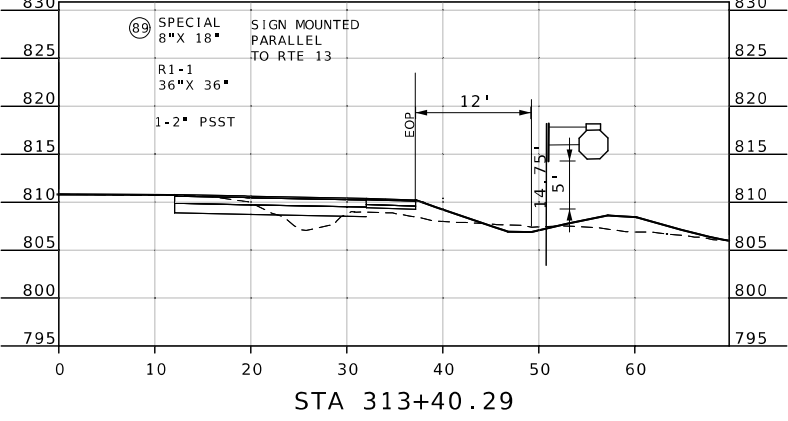
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CONS'T RTE 13



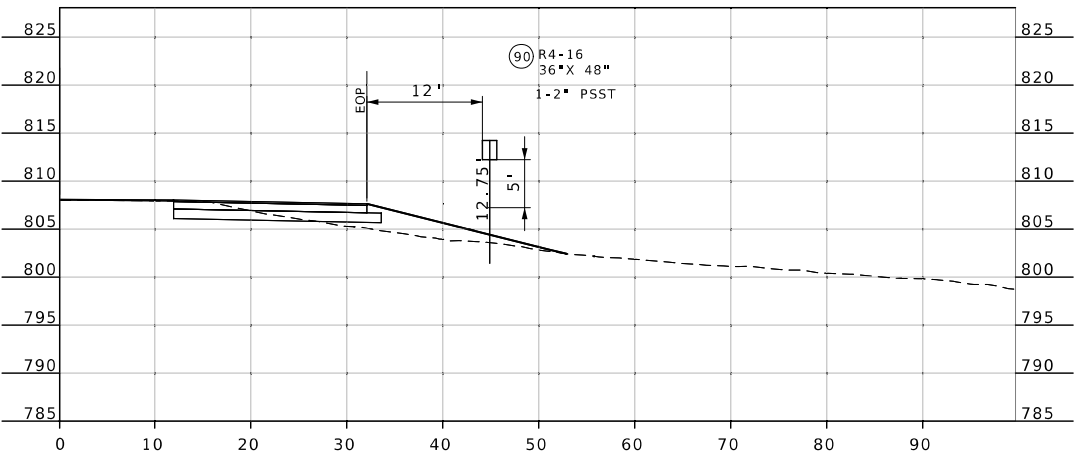
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CONS'T RTE 13



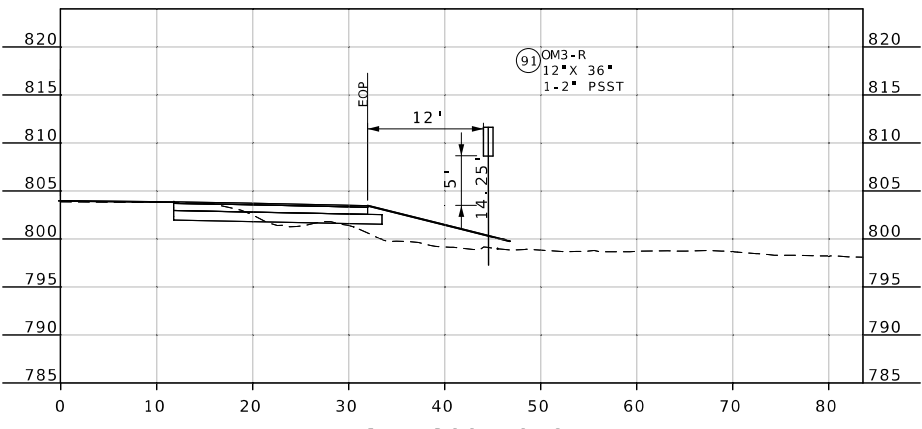
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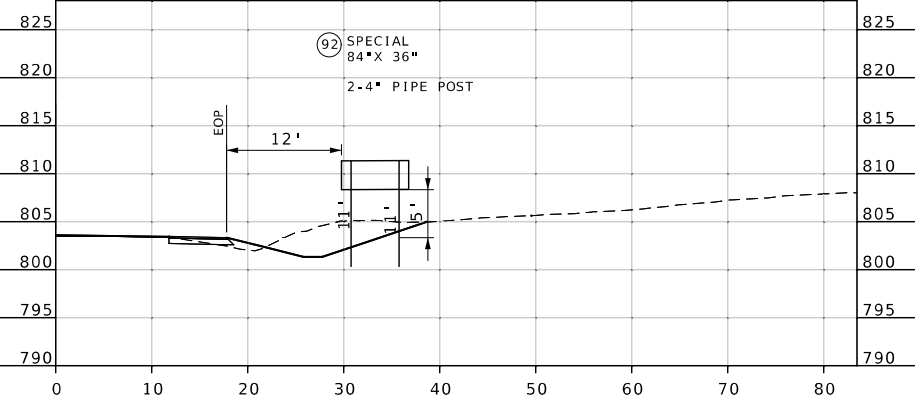
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CONS'T RTE 13



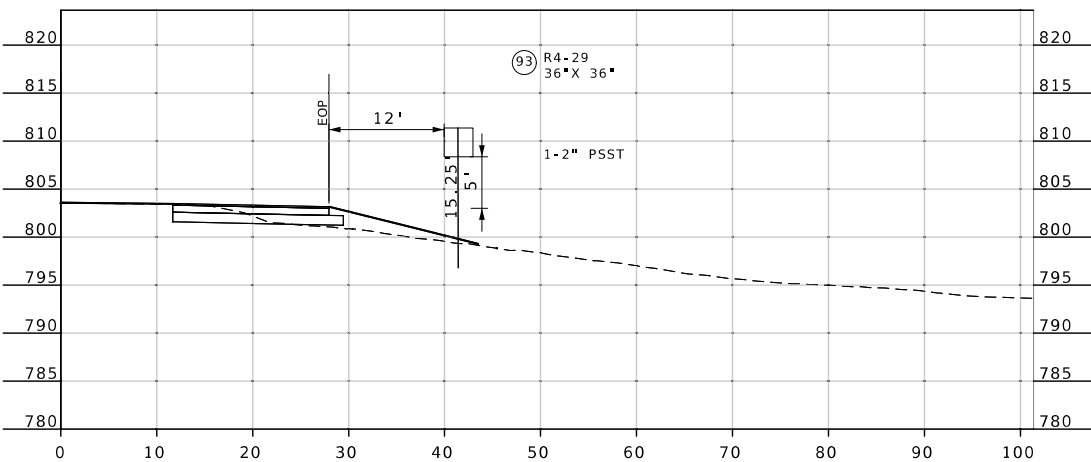
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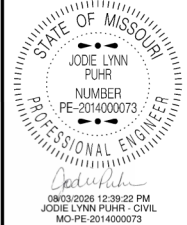


STA 323+80.57

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)

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

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

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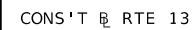
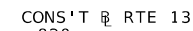
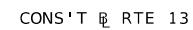
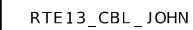
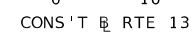
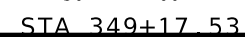
1-888-ASK-MODOT (1-888-275-6636)

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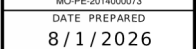
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1-888-ASK-MODOT (1-888-275-6636)

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



SIGNING SHEET
SHEET 50 OF 66



ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 309

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

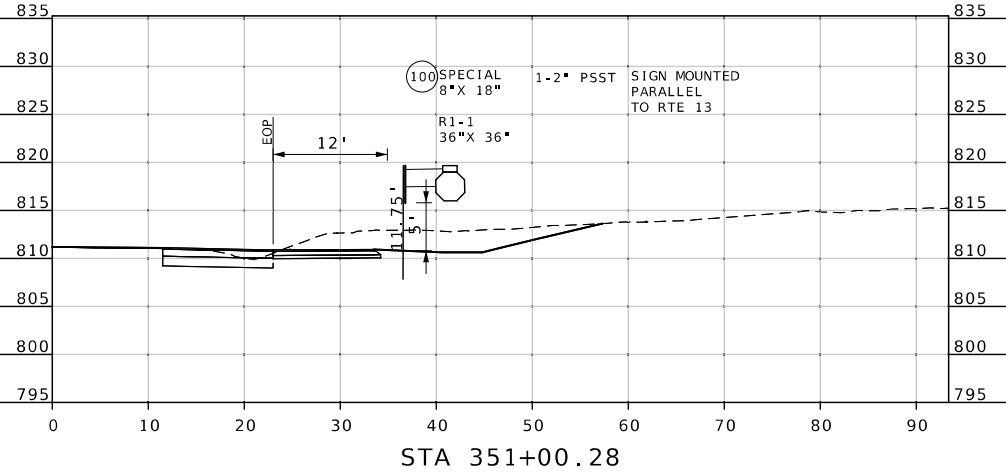
CONTRACT ID.

PROJECT NO.

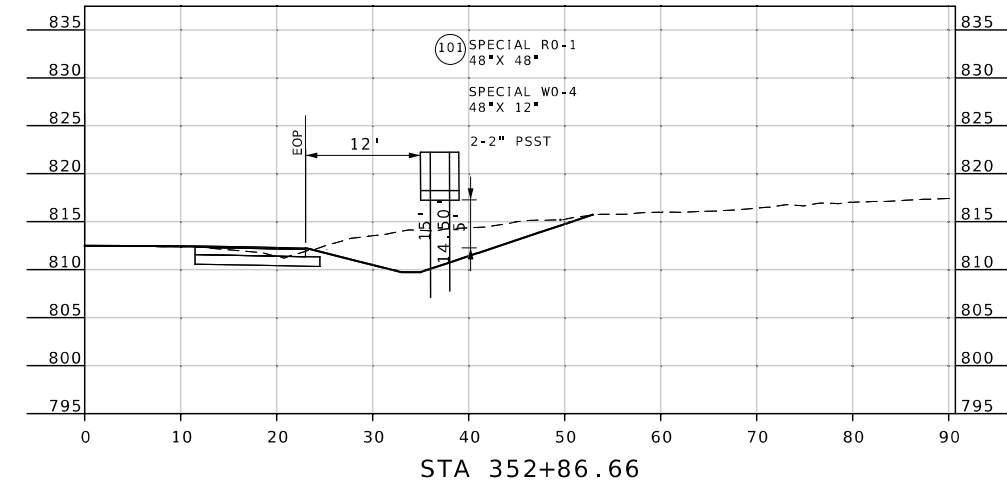
BRIDGE NO.



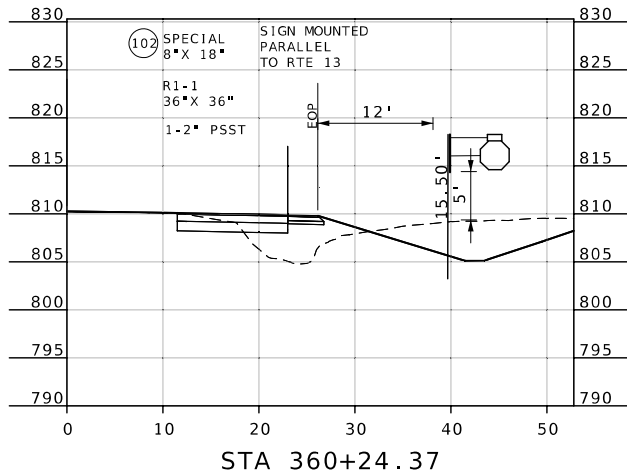
CONS'T @ RTE 13



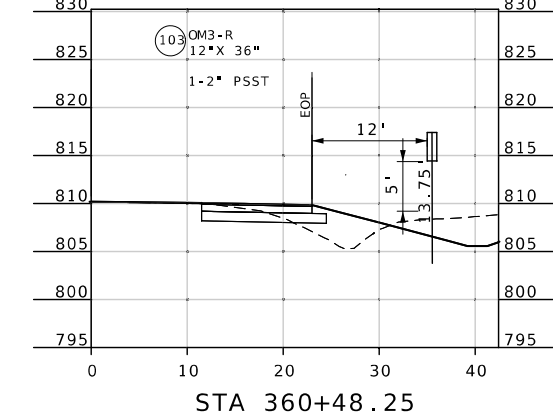
CONS'T @ RTE 13



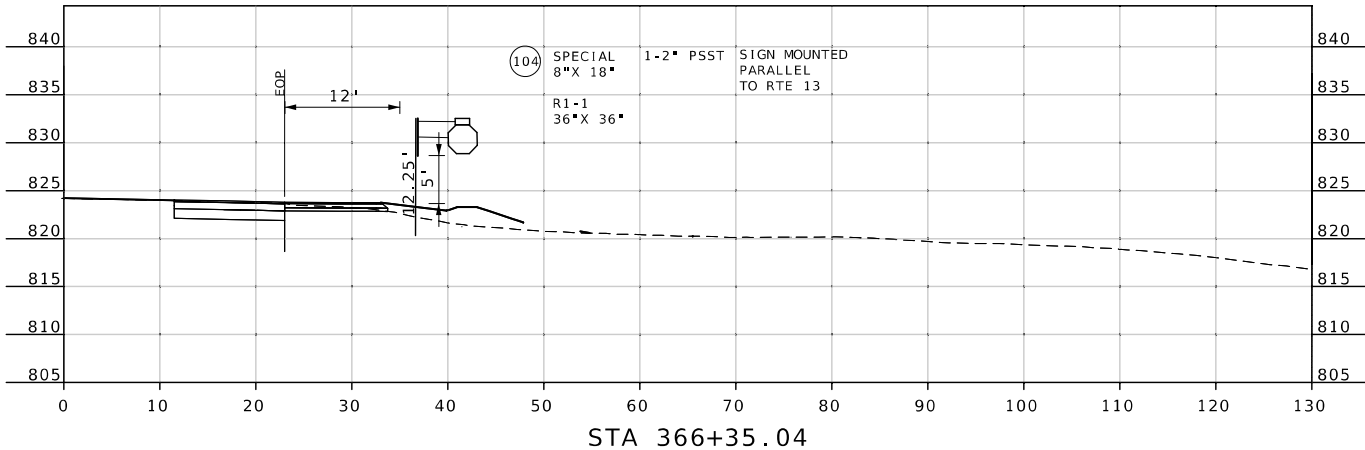
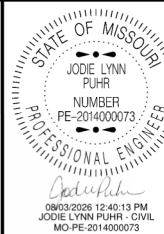
CONS'T @ RTE 13



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)

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

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

Diagram illustrating the cross-section of a bridge deck at STA 386+11.94. The deck width is 12'. The base width is 5'. The top width is 1'4". The deck is supported by a 1-2" PSST. The elevation is 840'.

Profile view of STA 389+00.01. The vertical axis shows elevation from 820 to 855. The horizontal axis shows stationing from 0 to 100. The profile includes a solid line for the existing ground, a dashed line for the proposed grade, and a vertical curve. Key features include a 12' horizontal distance from the EOP to the start of the vertical curve, a 16.25' vertical curve length, and a 5' vertical offset. The vertical curve is labeled 'SPECIAL R0-1 48"X 48"' and 'SPECIAL W0-4 48"X 12"' with '2-2" PSST' reinforcement.

The diagram illustrates a cross-section of a bridge structure. Key features include:

- Dimensions:**
 - Overall width: 100 feet.
 - Span length: 12 feet.
 - Bridge deck width: 7.50 feet.
 - Bridge deck height: 5 feet.
- Structural Components:**
 - EOP:** End of Pier.
 - 1-4" POST PIPE:** A vertical post pipe located near the center of the bridge deck.
 - M2-1 21"X 15":** A vertical member located near the center of the bridge deck.
 - M4-3 24"X 12":** A vertical member located near the center of the bridge deck.
 - M1-5 24"X 24":** A vertical member located near the center of the bridge deck.
 - M1-5a 24"X 24":** A vertical member located near the center of the bridge deck.
 - M6-1 21"X 15":** A vertical member located near the center of the bridge deck.
- Other Labels:**
 - STA 392+64.14:** Stationing label at the bottom of the diagram.

[illegible]

Diagram illustrating the cross-section of a bridge deck at STA 392+73.11. The section shows a 24' x 24' main section and a 21' x 15' section below it. The deck is 12' wide at the centerline. The total width is 24'. The depth of the deck is 14' 12.5'. The depth of the PSST is 5'. The diagram is labeled with STA 392+73.11.

Diagram illustrating the cross-section of a bridge deck, showing various components and dimensions:

- Deck Components:**
 - 117 SPECIAL 8" X 18"**: Top reinforcement bar.
 - R1-1 36" X 36"**: Reinforcement bar.
 - 1-2" PSST**: Reinforcement bar.
 - SIGN MOUNTED PARALLEL TO RTE 13**: Sign structure.
- Dimensions:**
 - 12'**: Distance from the sign to the centerline.
 - 14'**: Total width of the deck.
 - 5'**: Distance from the centerline to the edge of the deck.
 - 11'**: Distance from the centerline to the edge of the deck.
- Other Labels:**
 - EOP**: End of Project.
 - STA 392+84.29**: Stationing.

DATE PREPARED	
8/1/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	312
COUNTY	
LAFAYETTE / JOHNSON	
JOB NO.	
J4P2333	
CONTRACT ID.	

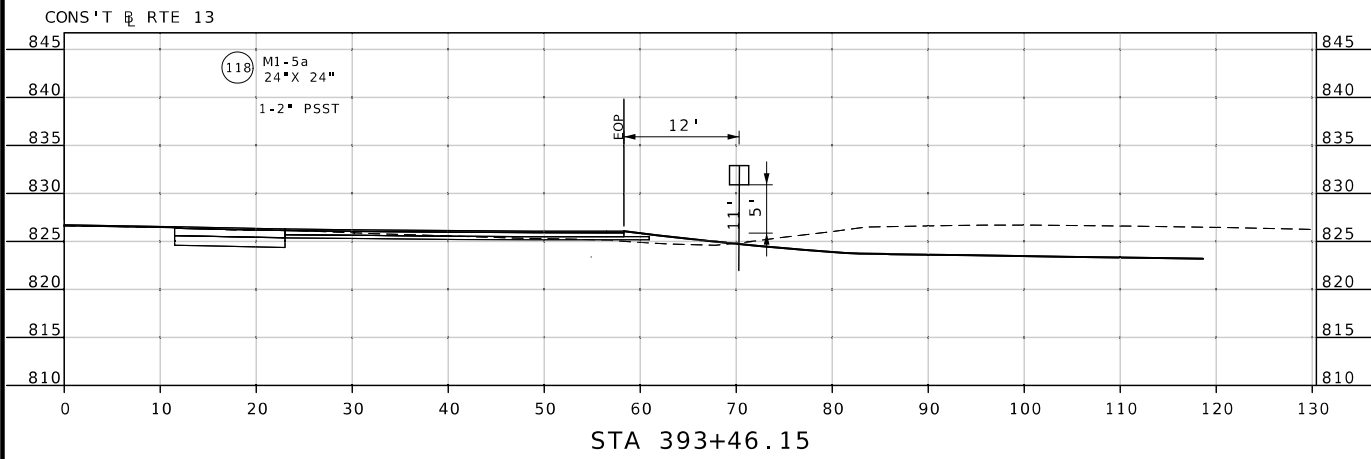
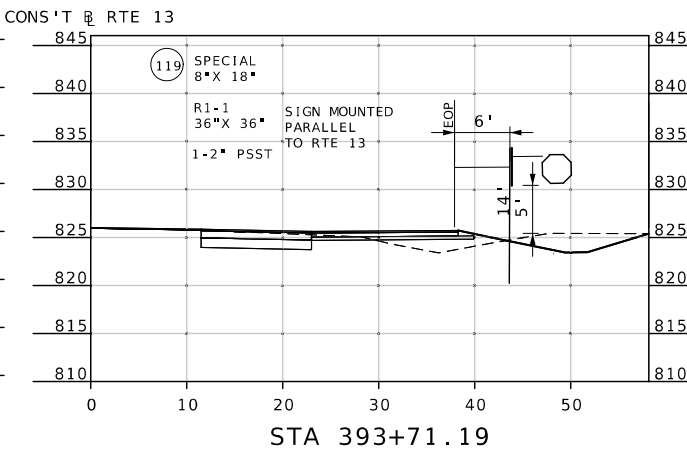
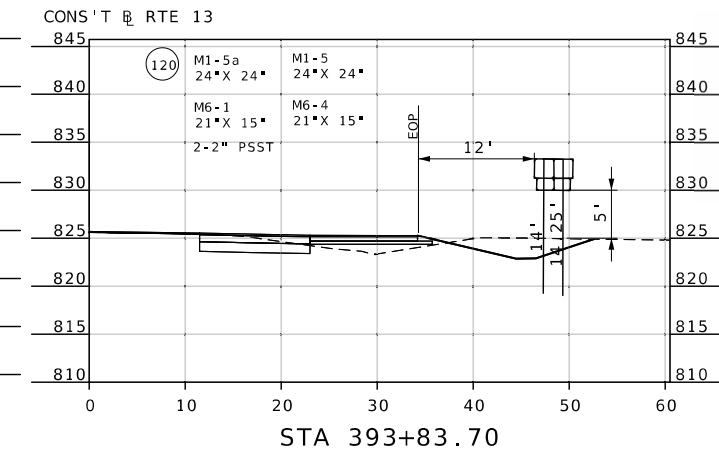
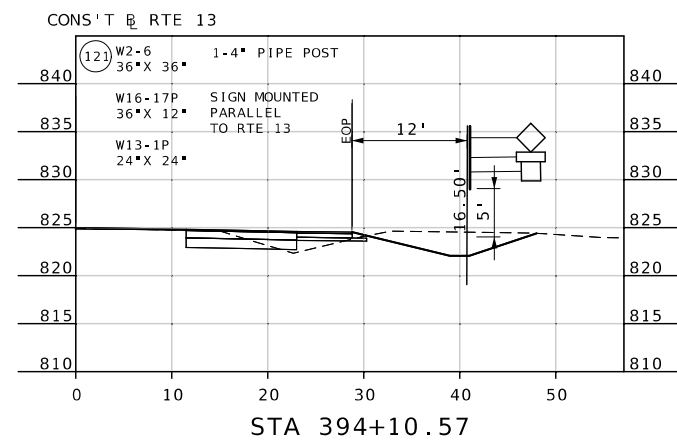
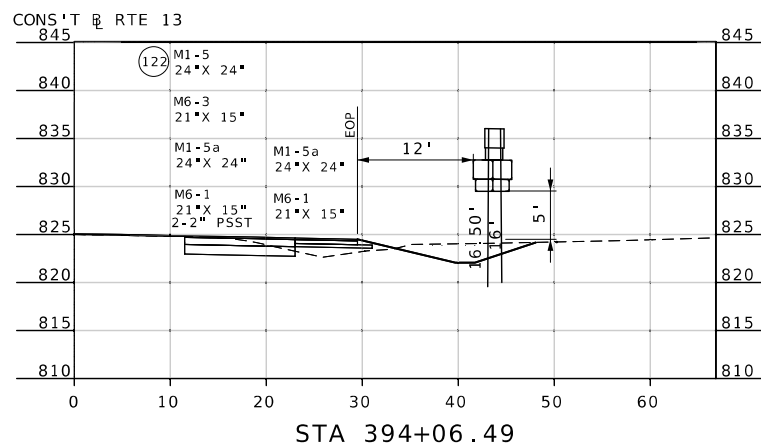
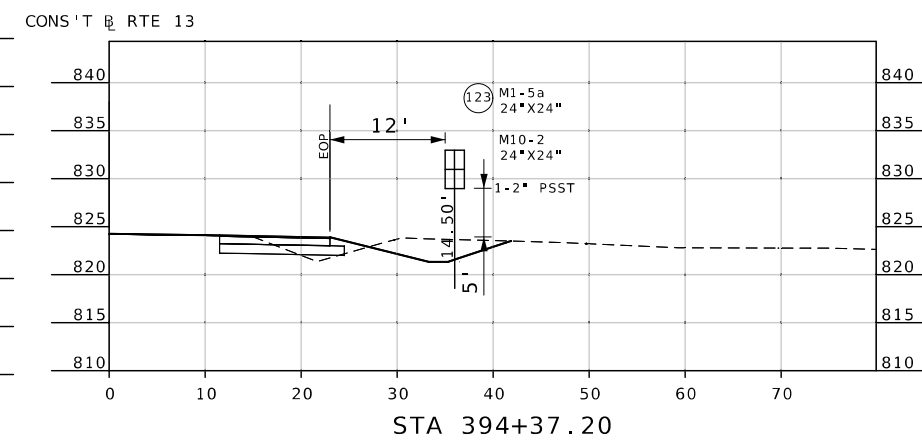
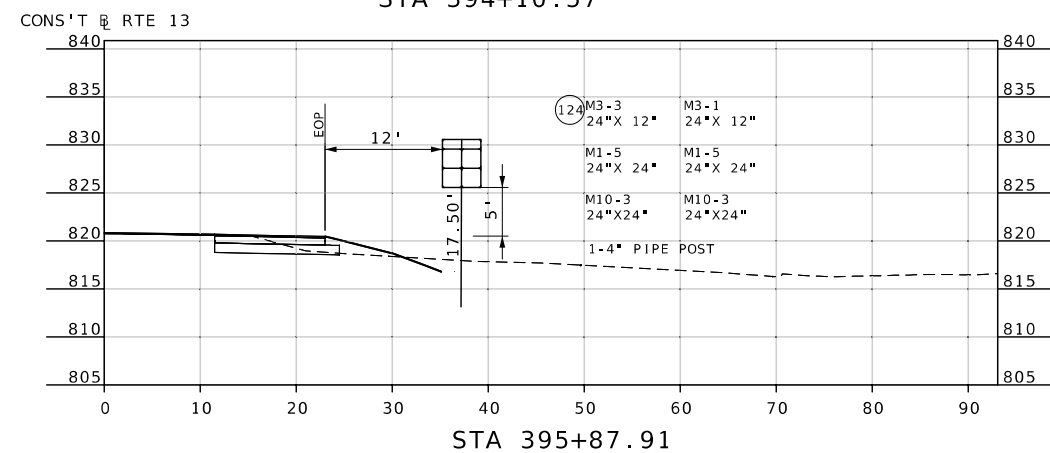
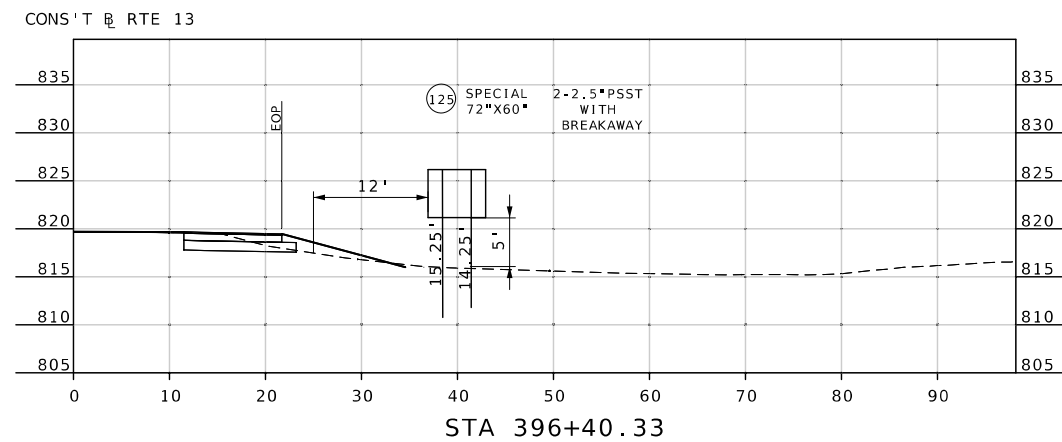
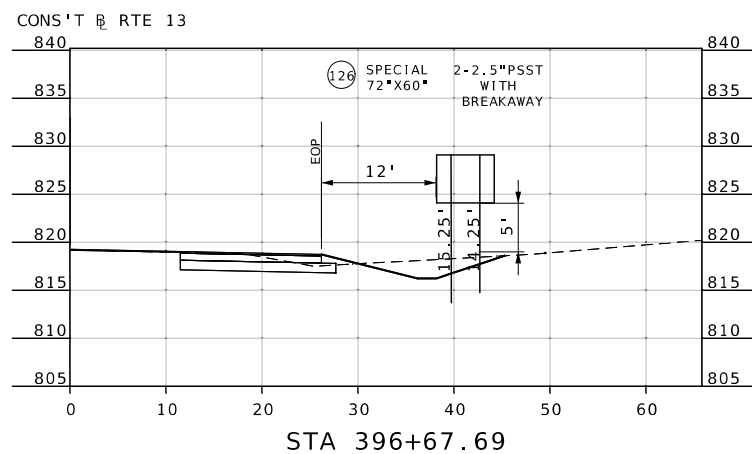
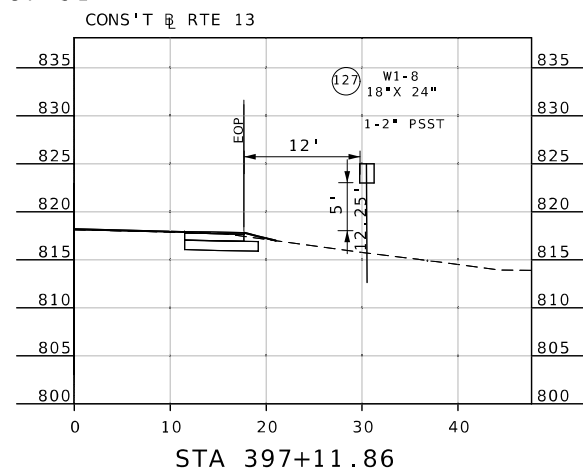
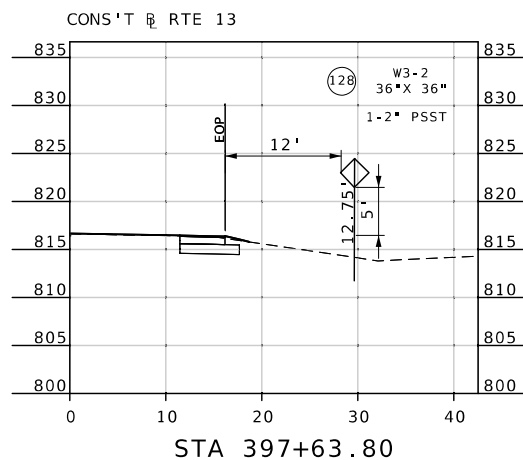
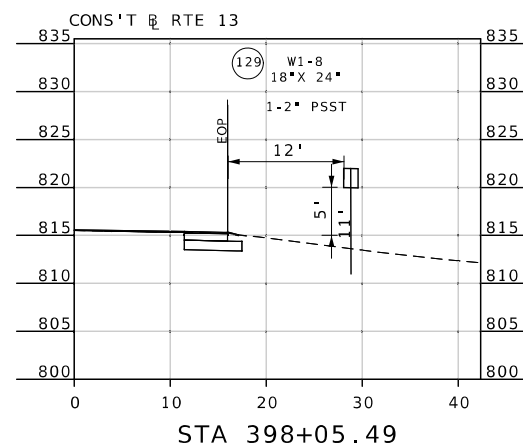
PROJECT NO.
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SIGNING SHEET
SHEET 53 OF 66



SIGNING SHEET
SHEET 54 OF 66

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

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.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

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 DTL SHT NO.	I-BEAM/PIPE ITEM NO. 9031010 CY	POST + STUB				LBS PER FT	TOTAL ITEM NO. 9031210 LBS	POST + STUB			LBS PER FT	TOTAL ITEM NO. 9031220 LBS	BASE ITEM NO. 9031005 EACH	POST ITEM NO. 9031230 LF	2" POST			2.5" POST			BREAK-AWAY ASSEMBLY ITEM NO. 9031241 EACH	ITEM NO. 9031250A LF	COUNT EACH	LENGTH IN.		TOTAL ITEM NO. 9035030 LF	ITEM NO. 9035031 LF				
SIGN NO.	SIGN SIZE	STATION/LOG MILE	LOCATION			DES NO.	NO. 1 LF	NO. 2 LF	NO. 3 LF			SIZE IN.	NO. 1 LF	NO. 2 LF					NO. 1 LF	NO. 2 LF	NO. 1 LF	NO. 2 LF	TOTAL ITEM NO. 9031270A LF	DRIVEN ITEM NO. 9031273A EACH					CONCRETE ITEM NO. 9031274 EACH			NO. 1 LF	NO. 2 LF	TOTAL ITEM NO. 9031280 LF	DRIVEN ITEM NO. 9031281A EACH
1	36X36	349+56.11	RTE 13															14	LF	14	1														
2	48x48	355+89.21	RTE 13	D-31														16.5	17.25	34	2														
2	48x12			D-31																															
3	36X36	362+81.96	RTE 13															11		11	1														
4	84X36	362+81.95	RTE 13	D-31	0.36						4	12.5	13.5	10.79	280.5																				
5	36X48	377+12.08	RTE 13															12		12	1														
6	72X48	383+26.00	RTE 13															11	10.75	22	2														
7	8X18	395+36.37	RTE 13															13.75		14	1														
7	36X36																																		
8	8X18	395+28.26	RTE 13															9		9	1														
8	8X18																																		
9	36X36	396+03.13	RTE 13															13.5		14	1														
10	36X36	416+49.26	RTE 13																			14		14	1										
10	30X24																																		
11	36X36	416+49.26	RTE 13																			12.5		13	1										
11	30X24																																		
12	36X36	420+49.23	RTE 13															15.5		16	1														
13	36X36	420+49.23	RTE 13															15.5		16	1														
14	48X48	429+88.33	RTE 13	D-31														14	13.75	28	2														
14	48X12			D-31																															
15	48X48	439+34.63	RTE 13	D-31														14	13.25	27	2														
15	48X12			D-31																															
16	21X15	440+99.45	RTE 13															11.25		11	1														
16	24X24																																		
17	36X48	443+15.18	RTE 13															13.75		14	1														
130	42X48	443+99.21	RTE 13															10	10	20	2														
18	36X48	464+99.35	RTE 13															14.75		15	1														
19	36X48	466+09.15	RTE 13															14		14	1														
20	36X48	467+23.11	RTE 13															12		12	1														
21	36X48	468+36.60	RTE 13															14.25		14	1														
22	36X48	469+50.41	RTE 13															15.5		16	1														
23	36X36	476+00.77	RTE 13															14.75		15	1														
23	24X24																																		
24	36X48	489+11.29	RTE 13															14		14	1														
25	36X48	490+23.85	RTE 13															14.25		14	1														
26	36X48	491+41.63	RTE 13															13.75		14	1														
27	36x36	499+33.05	RTE 13																			13.75		14	1										
27	24X24																																		
28	24X18	501+85.51	RTE 13															9.5		10	1														
29	36X36	0+11.52	RTE 13															14.5		15															
30	8X18	0+27.62	RTE 13															12.25		12															
30	36X36		RTE 13																																
31	24X24	0+37.77																				11.75		12	1										
31	21X15																																		
31	24X24																																		
31	21X15																																		
32	48X24	0+52.99	RTE 13															10	9.5	20	2														
33	24X24	0+60.00	RTE 13																			11.25		11	1										
33	21X15																																		
34	24X24	1+16.47	RTE 13																			12		12	1										
34	21X15																																		
34	24X24																																		
34	21X15																																		

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	DES NO.		NO. 1 LF	NO. 2 LF	NO. 3 LF	POST + STUB SIZE IN.					NO. 1 LF	NO. 2 LF	NO. 1 LF	NO. 2 LF	NO. 1 LF	NO. 2 LF							NO. 1 LF	NO. 2 LF	NO. 1 LF	NO. 2 LF	NO. 1 LF	NO. 2 LF	NO. 1 LF
38	8X18	26+25.05	RTE 13														12.75		13	1												
38	36X36																															
39	8X18	26+79.06	RTE 13														12.5		13	1												
39	36X36																															
40	48X48	33+88.19	RTE 13	D-31													13	13	26	2												
40	48X12			D-31																												
41	36X36	34+21.81	RTE 13														11.5		12	1												
42	36X36	34+21.81	RTE 13														11		11	1												
43	36X36	38+21.81	RTE 13														13.5		14	1												
43	30X24																															
44	36X36	38+21.81	RTE 13														13.5		14													
44	30X24																															
45	72X48	48+20.16	RTE 13		0.36						4	13	13	10.79	280.5																	
46	36X36	66+80.62	RTE 13														10		10	1												
46	24X24																															
47	48X48	71+72.08	RTE 13	D-31													14	13.5	28	2												
47	48X12			D-31																												
48	8X18	79+03.52	RTE 13														12.5		13	1												
48	36X36																															
49	8X18	79+61.77	RTE 13														12.75		13	1												
49	36X36																															
50	12X36	80+19.06	RTE 13														11.5		12	1												
51	36X48	80+49.39	RTE 13														11.25		11	1												
52	8X18	106+69.89	RTE 13														13.5		14	1												
52	36X36																															
53	36X36	113+55.70	RTE 13														12.5		13	1												
54	36X48	118+43.85	RTE 13														13		13	1												
55	72X48	122+66.58	RTE 13		0.36						4	12	12	10.79	259.0																	
56	8X18	127+89.88	RTE 13														12.5		13	1												
57	36X36	127+89.88	RTE 13																													
58	36X36	137+14.21	RTE 13														12.5		13	1												
59	48X48	139+61.15	RTE 13	D-31													13	13	26	2												
59	48X12			D-31																												
60	36X36	147+53.35	RTE 13														14.25		14	1												
60	30X24																															
61	36X36	147+53.35	RTE 13																				14		14	1						
61	30X24																															
62	8X18	167+64.74	RTE 13														13.25		13	1												
63	36X36																															
64	42X48	176+00.71	RTE 13														13.75	14.25	28	2												
65	48X48	176+08.13	RTE 13	D-31													13	13	26	2												
65	48X12			D-31																												
66	24X24	200+55.73	RTE 13														14.75	15	30	2												
66	21X15																															
66	24X24																															
66	21X15																															
67	36X48	202+79.06	RTE 13														15.5		16	1												
68	24X12	206+23.01	RTE 13														11.75	11.5	23	2												
68	24X24																															
69	8X18	207+01.48	RTE 13														12.25		12	1												
69	36X36																															
70	24X24	207+67.52	RTE 13														11.5	11.5	23	2												
70	21X15																															
71	24X24	207+74.50	RTE 13														13.25	12.5	26	2												
71	21X15																															
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71	21X15																															

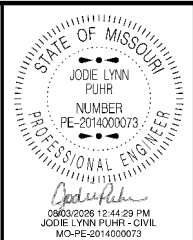
ROUND PIPE POST AND FOOTING DATA TABLE						
NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
	LBS/FT	LBS/IN		DIA.	DEPTH	
2 1/2	5.79	0.48	4'- 3 3/4"	12"	4-6"	0.13
4	10.79	0.90	5'- 3 3/4"	18"	5-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE													
		POST				FOOTING							
POST DES. NO.	NOM. SIZE	WEIGHT		STUB LENGTH	DIA.	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

[illegible]

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

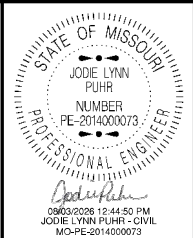
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

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 (I-BEAM/PIPE)	ITEM NO. 9031010	POST + STUB				LBS PER 9031210	TOTAL ITEM NO. 9031220	BASE ITEM NO. 9031005	POST ITEM NO. 9031230	2" POST			2.5" POST					BREAK- AWAY ASSEMBLY ITEM NO. 9031241	ITEM NO. 9031250A	COUNT	LENGTH IN.		TOTAL ITEM NO. 9035030	ITEM NO. 9035031																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
SIGN NO.	SIGN SIZE	STATION/ LOG MILE	LOCATION				DTL SHT NO.	DES NO.	NO.1 LF	NO.2 LF					NO.3 LF	POST NO.	SIZE IN.	NO.1 LF	NO.2 LF	PER FT	ITEM NO. 9031220	NO.1 LF								NO.2 LF	ITEM NO. 9031270A	DRIVEN ITEM NO. 9031273A	CONCRETE ITEM NO. 9031274	NO.1 LF	NO.2 LF	TOTAL ITEM NO. 9031280	DRIVEN ITEM NO. 9031281A	CONCRETE ITEM NO. 9031285	ITEM NO. 9031241																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
114	21X15	392+64.14	RTE 13		0.36						4	17.5		10.79	188.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</

**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.

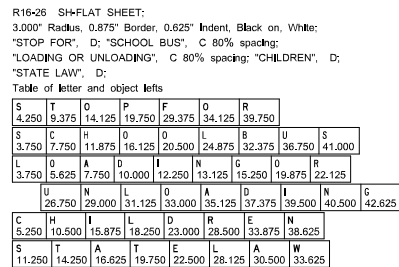
PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

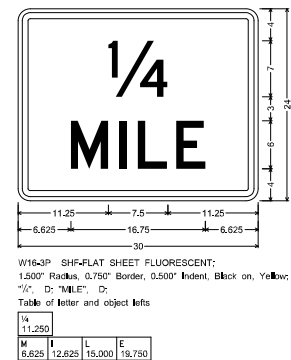
STANDARD SIGN ASSEMBLIES																			
SIGN NO.	STATION/ LOG MILE	LOCATION	SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH																
																			
			SHF W9-1L 36X36	SHF W16-39 30x24	SH D17-3 42X48	SH SCHOOL BUS STOP 48X48	SH ALL LANES 48X12	SHF W4-2L 36X36	STF W6-17 72X48	SH R4-16 36X48	ST ALT. PASSING LANE 84X36	SH R4-29 36X36	SHF W3-5 36X36						
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						

SIGN SUMMARY										EFFECTIVE: 10-01-2016			
STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL SHT NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET									
				FLAT SHEET SH ITEM NO. 9035004A	FLUORESCENT SHF* ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A						
W9-1L		4	36X36		36.00								
W16-39		4	30x24		20.00								
D17-3		2	42X48	28.00									
SCHOOL BUS STOP		5	48X48	80.00									
ALL LANES		5	48X12	20.00									
W4-2L		2	36X36		18.00								
W6-17		1	72X48				24.00						
R4-16		1	36X48	12.00									
ALT. PASSING LANE		1	84X36			21.00							



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 lifts

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

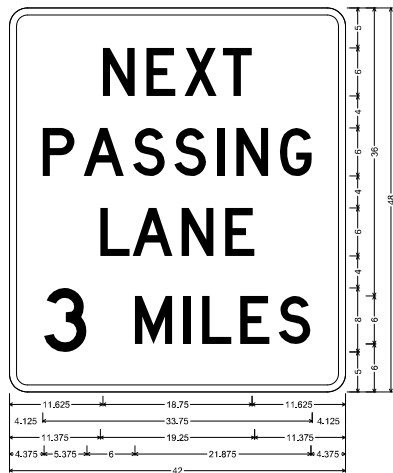
SIGN NO.	14	SIGN NO.	74
STATION	429+88.33	STATION	247+31.32
ROADWAY	ROUTE 13	ROADWAY	ROUTE 13

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

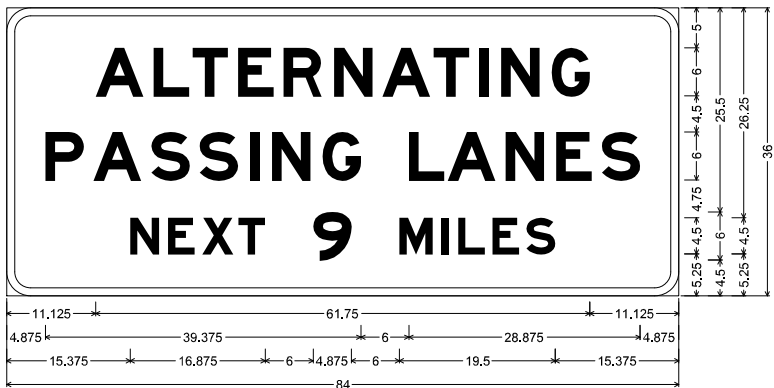
P	A	S	I	N	C
4,125	9,250	19,500	20,525	26,000	33,875

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

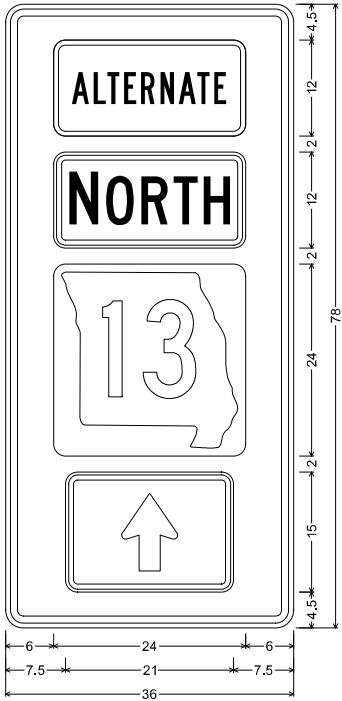
SIGN NO.	92
STATION	323+80.57
ROADWAY	ROUTE 13



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		

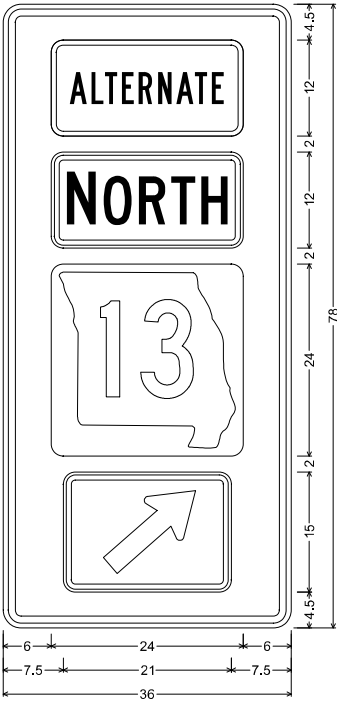
SIGN NO.	50A
STATION	
ROADWAY	ROUTE 13



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

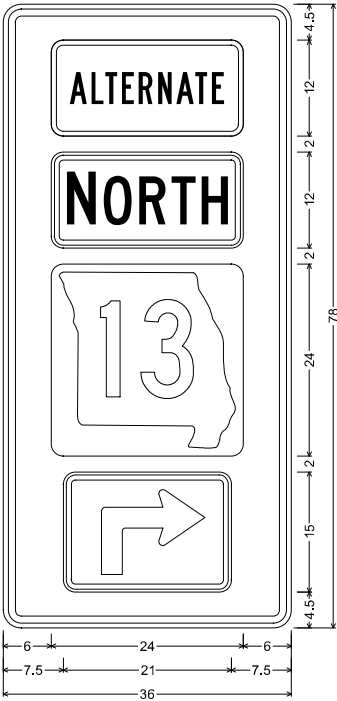
SIGN NO.	50B
STATION	
ROADWAY	ROUTE 13



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

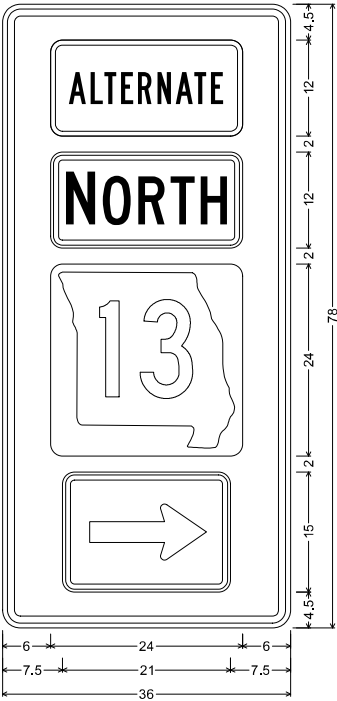
SIGN NO.	50C
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

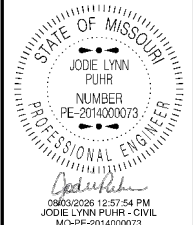
	6,000
	6,000
	6,000
	7,500

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 13	STATE MO
DISTRICT KC	SHEET NO. 322
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

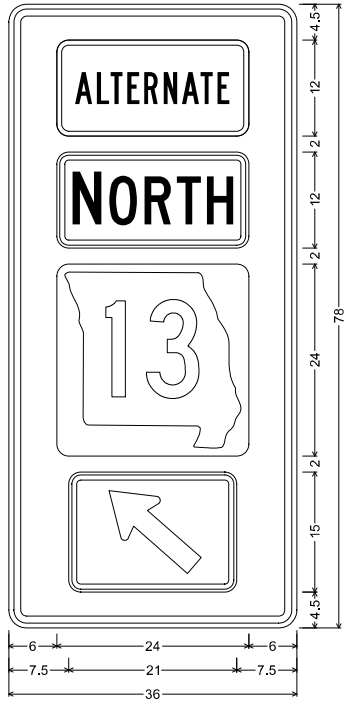
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

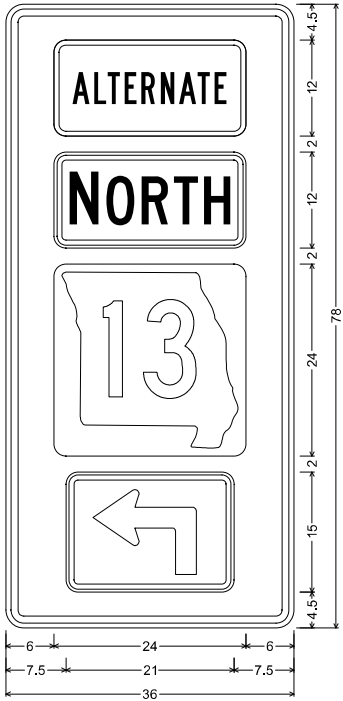
SIGN NO.	50E
STATION	
ROADWAY	ROUTE 13



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

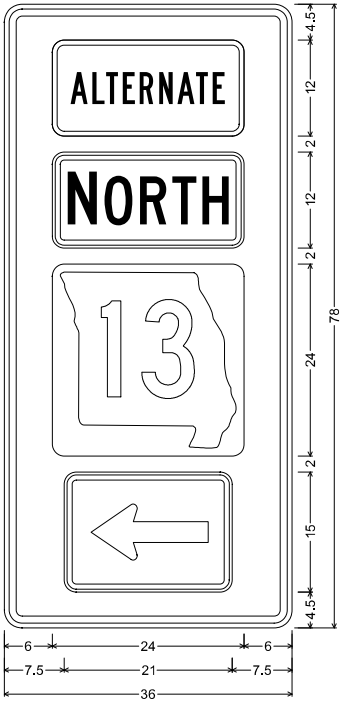
SIGN NO.	50F
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

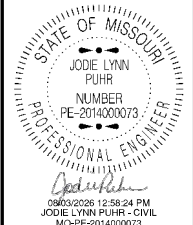
	6,000
	6,000
	6,000
	7,500

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



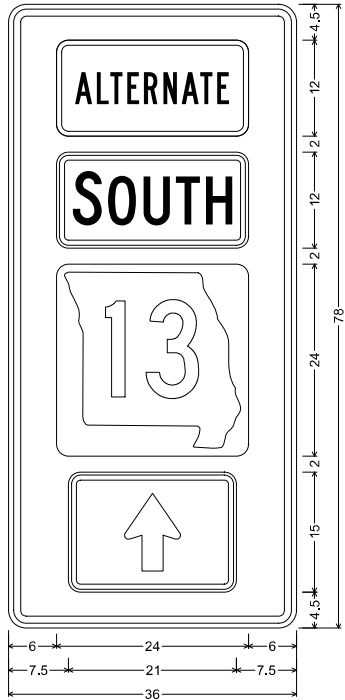
DATE PREPARED 8/1/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 323
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

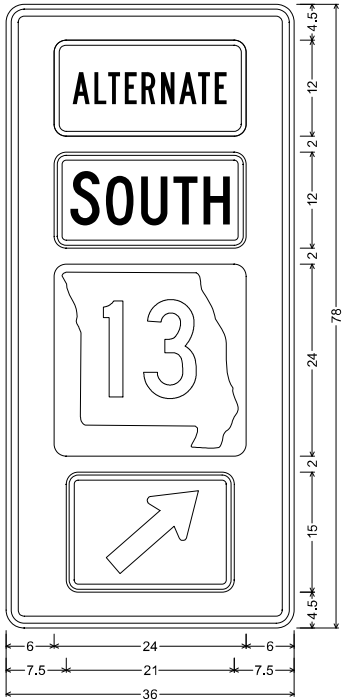
SIGN NO.	50H
STATION	
ROADWAY	ROUTE 13



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

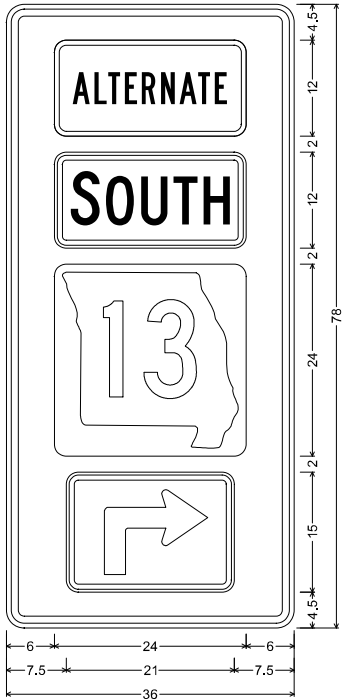
SIGN NO.	50J
STATION	
ROADWAY	ROUTE 13



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

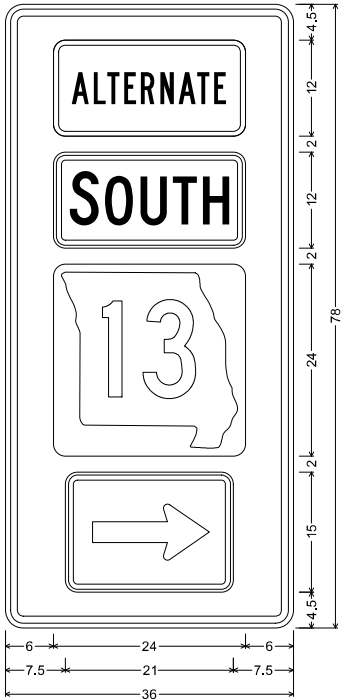
SIGN NO.	50K
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
Table of letter and object lefts

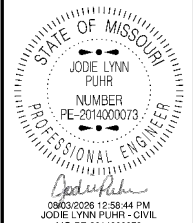
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	6,000
	7,500

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



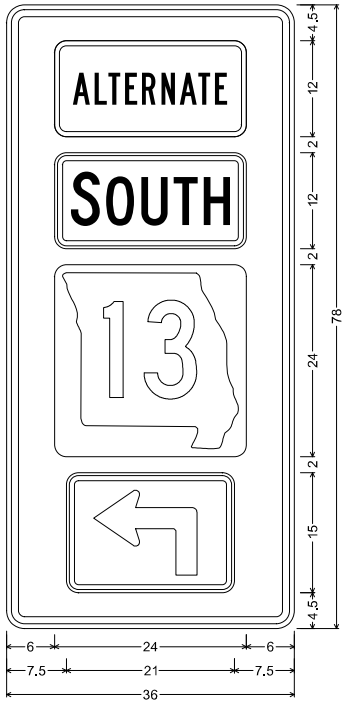
DATE PREPARED 8/1/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 324
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

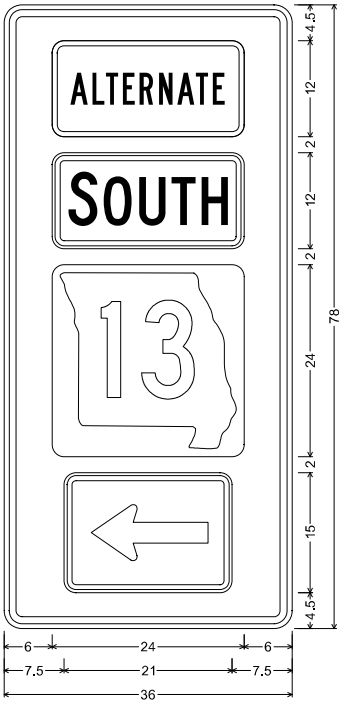
SIGN NO.	50M
STATION	
ROADWAY	ROUTE 13



MO4-11 SHF-FLAT SHEET FLUORESCENT;
 2.250" Radius, 0.875" Border, 0.625" Indent, Black on Orange;
 Table of letter and object lefts

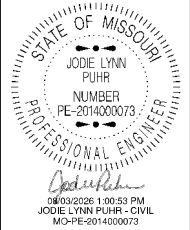
	6,000
	6,000
	6,000
	7,500

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



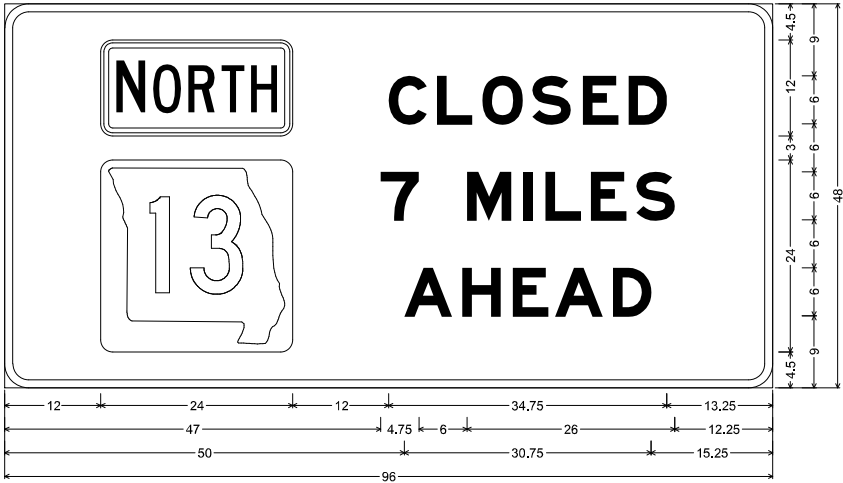
DATE PREPARED 8/1/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 325
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

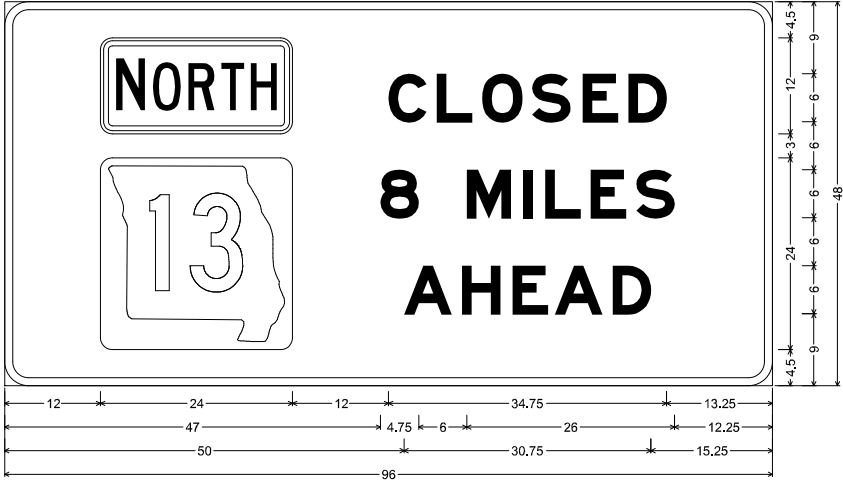
SIGN NO.	56a
STATION	
ROADWAY	ROUTE 13



MO4-13 SHF-FLAT SHEET FLUORESCENT;
3,000" Radius, 1,000" Border, Black on, Orange;
"CLOSED", E Mod; "7 MILES", E Mod; "AHEAD", E Mod;
Table of letter and object lefts

12,000	C	L	O	S	E	D
48,000	48,000	54,000	59,750	66,000	72,250	78,000
12,000	7	M	I	L	E	S
47,000	47,000	57,750	64,875	73,250	79,000	
50,000	A	H	E	A	D	
57,125	57,125	63,500	68,750	76,000		

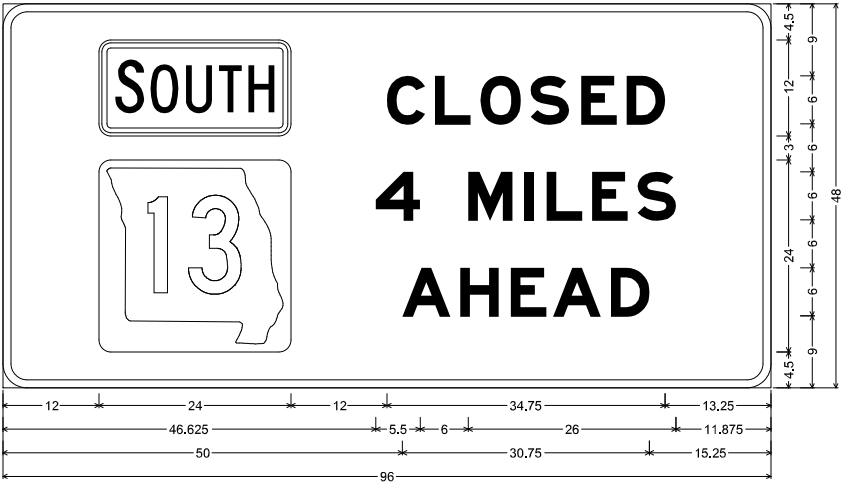
SIGN NO.	58a
STATION	
ROADWAY	ROUTE 13



MO4-13 SHF-FLAT SHEET FLUORESCENT;
3,000" Radius, 1,000" Border, Black on, Orange;
"CLOSED", E Mod; "8 MILES", E Mod; "AHEAD", E Mod;
Table of letter and object lefts

12,000	C	L	O	S	E	D
48,000	48,000	54,000	59,750	66,000	72,250	78,000
12,000	8	M	I	L	E	S
47,000	47,000	57,750	64,875	73,250	79,000	
50,000	A	H	E	A	D	
57,125	57,125	63,500	68,750	76,000		

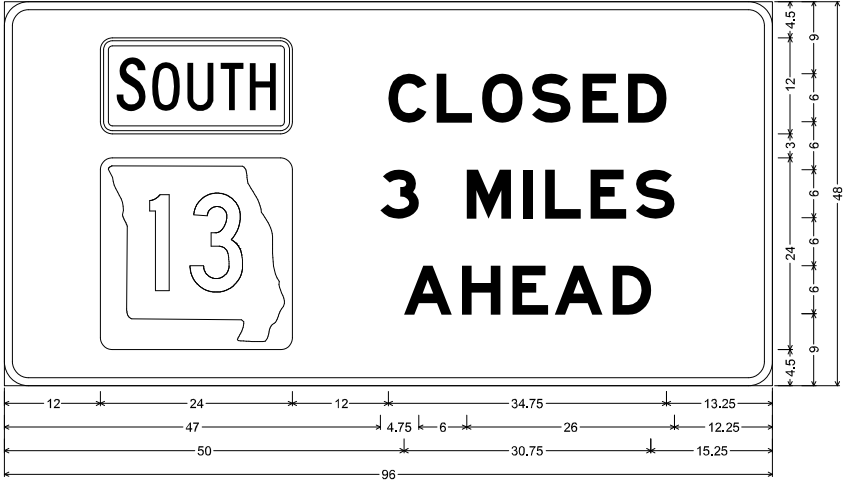
SIGN NO.	56b
STATION	
ROADWAY	ROUTE 13



MO4-13 SHF-FLAT SHEET FLUORESCENT;
3,000" Radius, 1,000" Border, Black on, Orange;
"CLOSED", E Mod; "4 MILES", E Mod; "AHEAD", E Mod;
Table of letter and object lefts

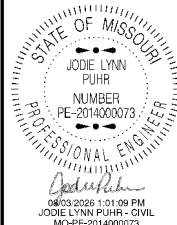
12,000	C	L	O	S	E	D
48,000	48,000	54,000	59,750	66,000	72,250	78,000
12,000	4	M	I	L	E	S
46,625	46,625	58,125	65,250	73,625	79,375	
50,000	A	H	E	A	D	
57,125	57,125	63,500	68,750	76,000		

SIGN NO.	58b
STATION	
ROADWAY	ROUTE 13



MO4-13 SHF-FLAT SHEET FLUORESCENT;
3,000" Radius, 1,000" Border, Black on, Orange;
"CLOSED", E Mod; "3 MILES", E Mod; "AHEAD", E Mod;
Table of letter and object lefts

12,000	C	L	O	S	E	D
48,000	48,000	54,000	59,750	66,000	72,250	78,000
12,000	3	M	I	L	E	S
47,000	47,000	57,750	64,875	73,250	79,000	
50,000	A	H	E	A	D	
57,125	57,125	63,500	68,750	76,000		



DATE PREPARED
8/1/2026

ROUTE 13 STATE MO
DISTRICT KC SHEET NO. 326

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333
CONTRACT ID.

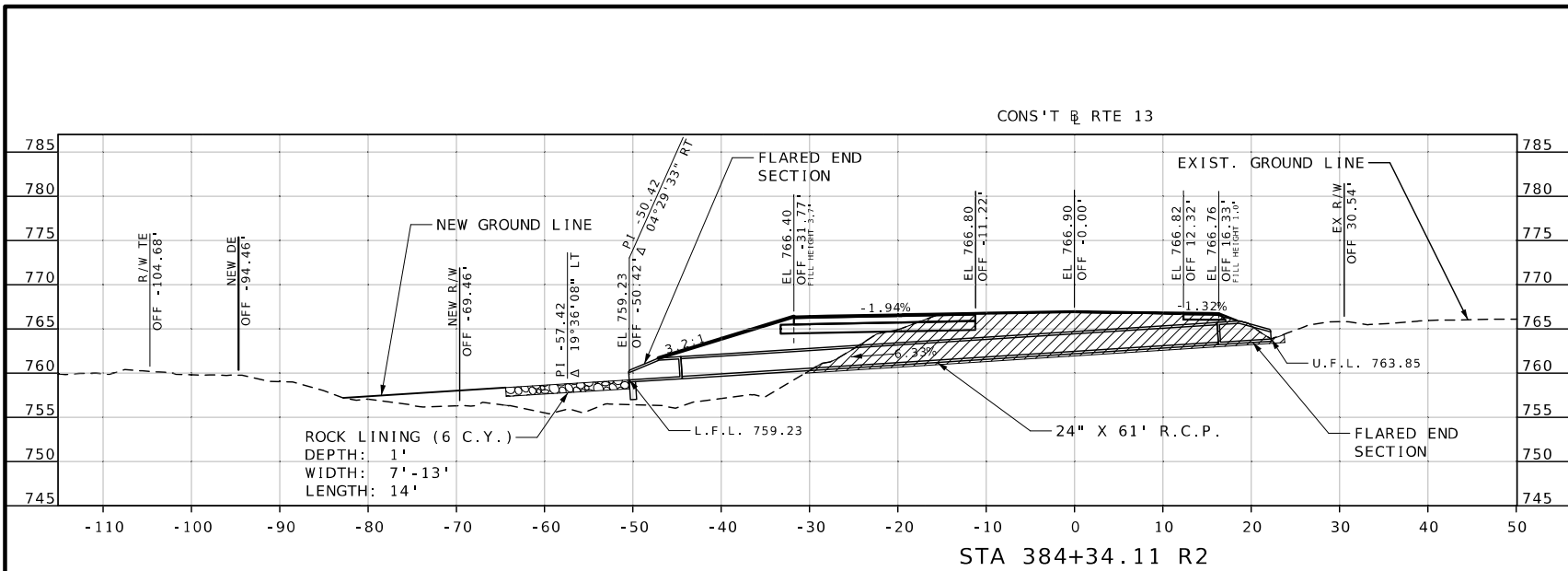
PROJECT NO.

BRIDGE NO.

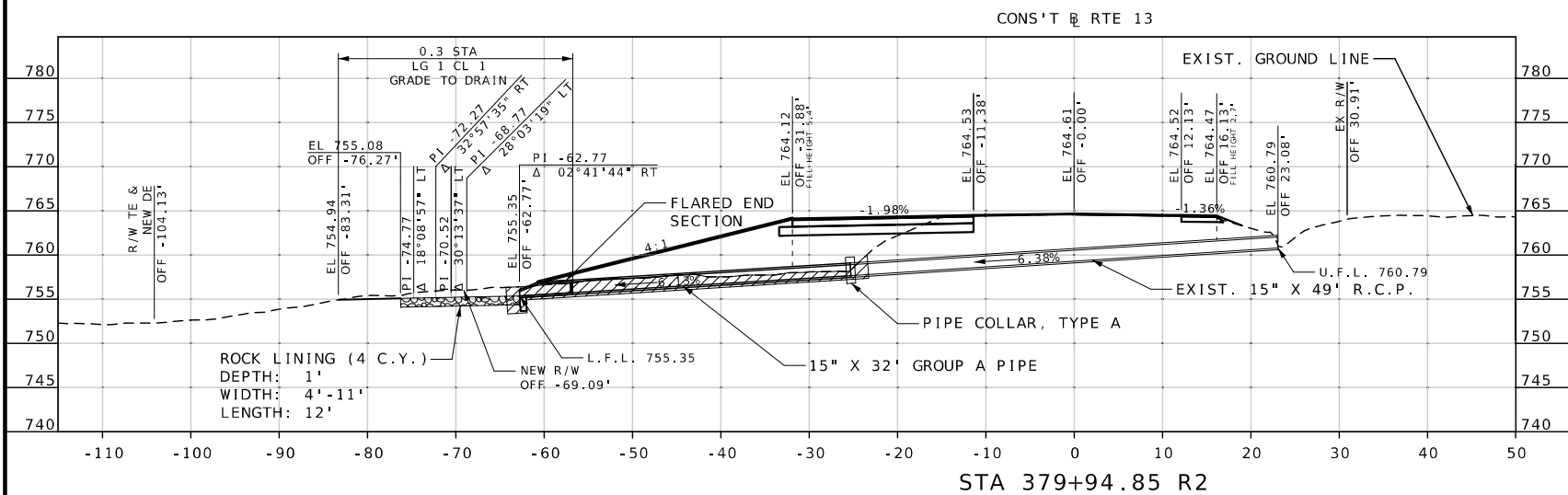
DESCRIPTION	DATE

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

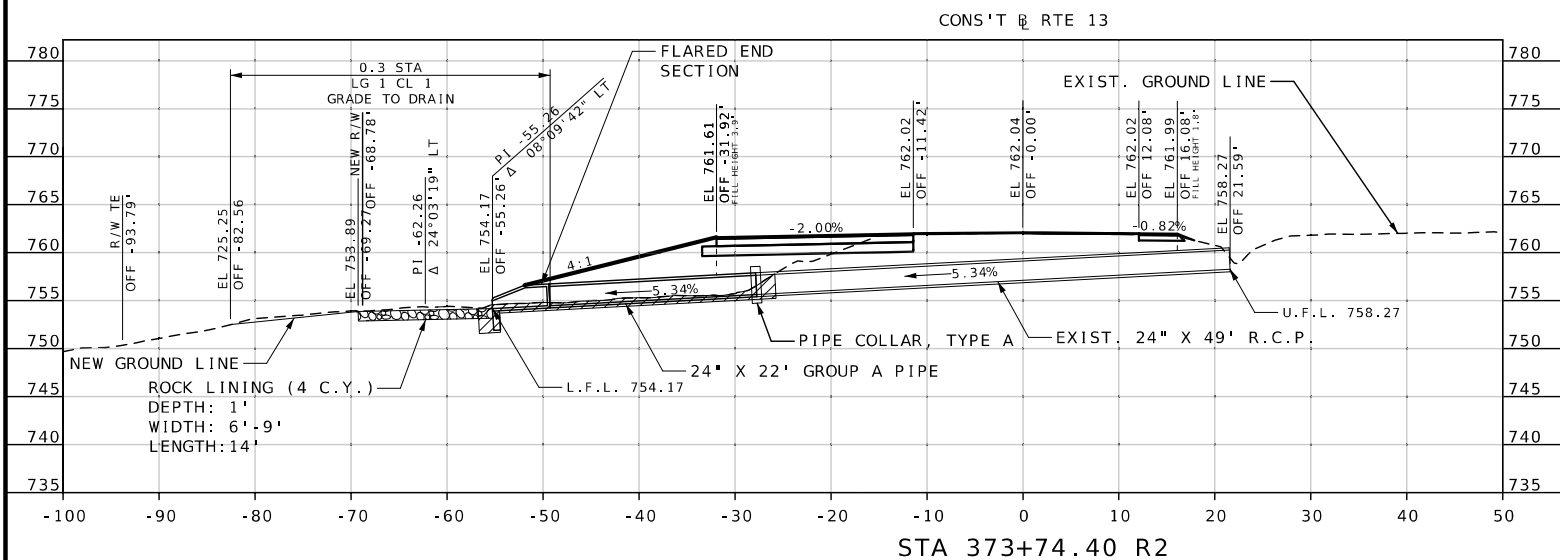




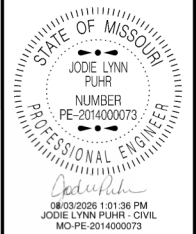
STA 384+34.11 R2, CONS'T @ ROUTE 13
 SKEW 4°45'15" LA
 REMOVE EXIST. 15" X 46' R.C.P. AT STA. 384+32.67 R2
 BUILD 24" X 61' CL 3 R.C.P.
 BUILD ROCK LINING AT CULVERT OUTLET = 6.0 C.Y.
 BUILD 2-24" GROUP A FES
 CLASS 3 EXCAVATION = 36.7 C.Y.
 Q50 = 15.7 CFS
 DA = 5.5 ACRES



STA 379+94.85 R2, CONS'T @ ROUTE 13
 SKEW 2°34'07" LA
 BUILD 15" X 32' GROUP A PIPE LT
 BUILD ROCK LINING AT CULVERT OUTLET = 4.0 C.Y.
 BUILD 1-15" GROUP A FES LT
 BUILD 1-TYPE A PIPE COLLAR
 CLASS 3 EXCAVATION = 8.3 C.Y.
 Q50 = 7.1 CFS
 DA = 2.7 ACRES



STA 373+74.40 R2, CONS'T @ ROUTE 13
 SKEW 0°14'19" LA
 BUILD 24" X 22' GROUP A PIPE LT
 BUILD ROCK LINING AT CULVERT OUTLET = 4.0 C.Y.
 BUILD 1-24" GROUP A FES LT
 BUILD 1-TYPE A PIPE COLLAR
 CLASS 3 EXCAVATION = 5.4 C.Y.
 Q50 = 4.2 CFS
 DA = 1.8 ACRES

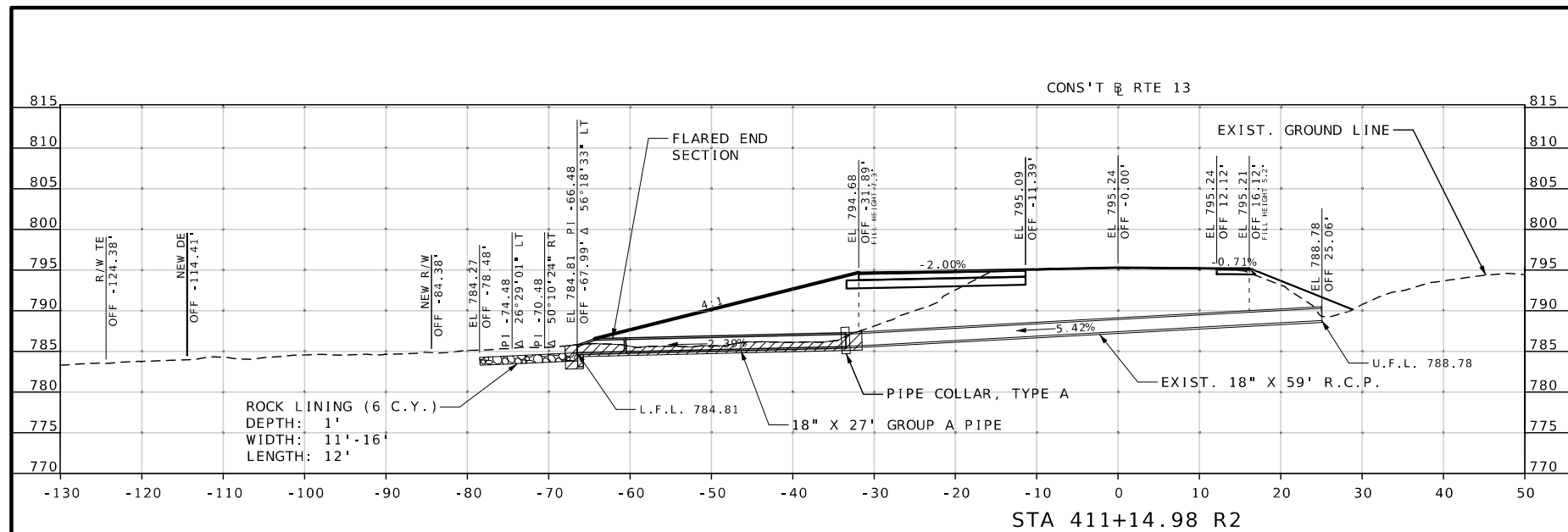


DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 327
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

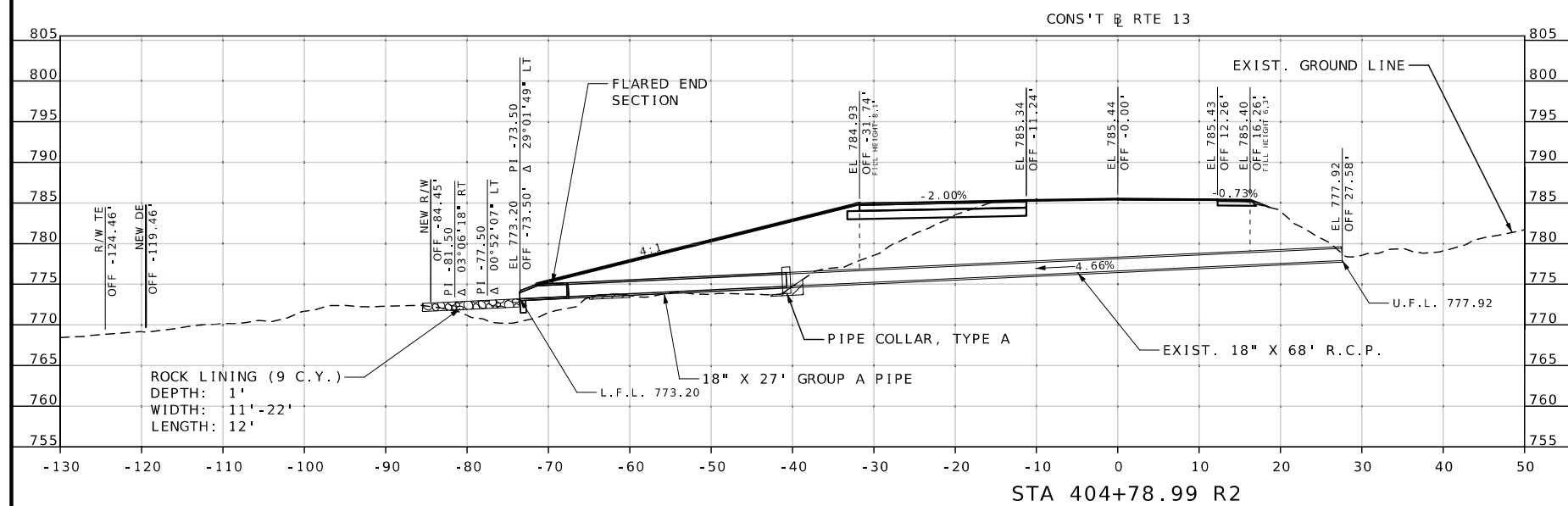
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

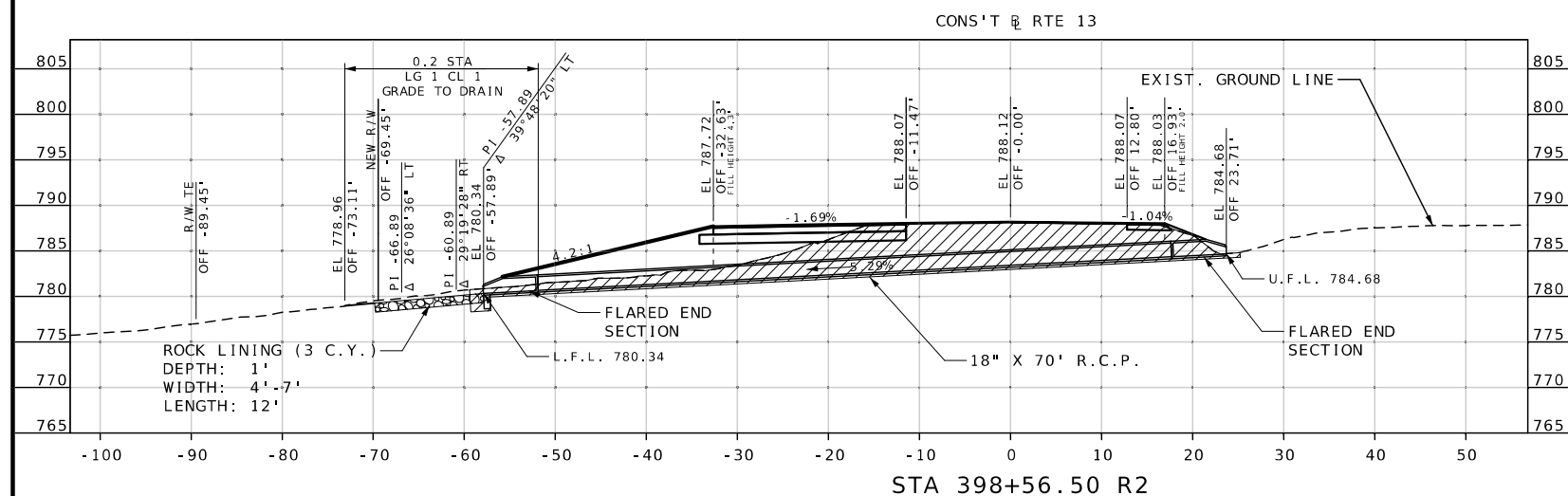
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)



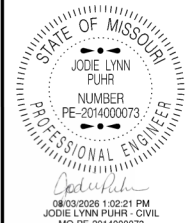
```
STA 411+14.98 R2, CONST T @ ROUTE 13
SKEW 1°19'29" LA
BUILD 18" X 27' GROUP A PIPE LT
BUILD ROCK LINING AT CULVERT OUTLET = 6.0 C.Y.
BUILD 1-18" GROUP A FES LT
BUILD 1-TYPE A PIPE COLLAR
CLASS 3 EXCAVATION = 6.9 C.Y.
Q50 = 8.1 CFS
DA = 3.0 ACRES
```



```
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
```

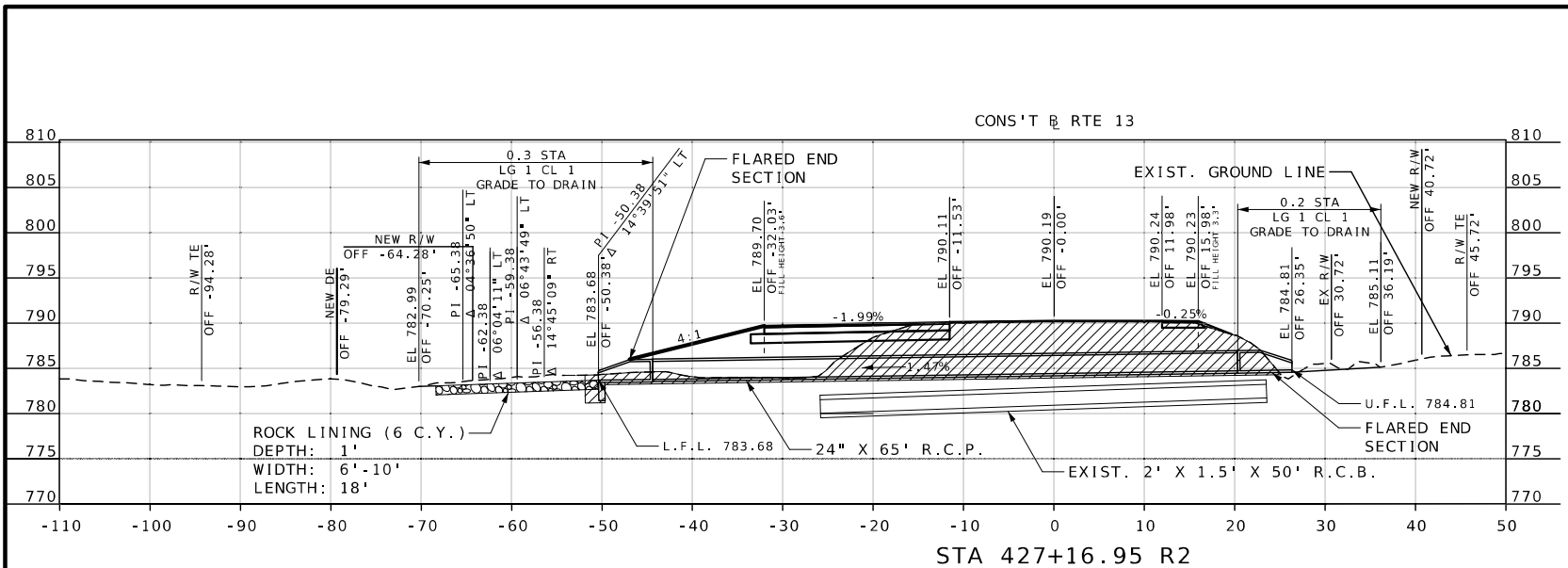


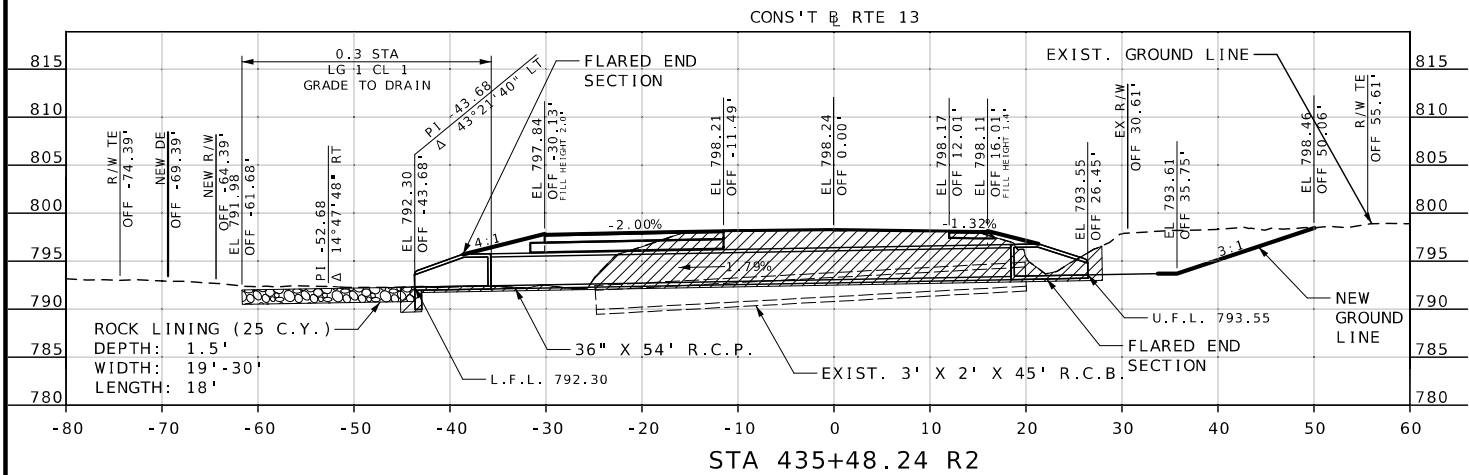
STA 398+56.50 R2, CONST' T @ ROUTE 13
SKEW 14°28'25" LA
REMOVE EXIST. 15" X 52' R.C.P. AT STA. 398+50.47 R2
BUILD 18" X 70' R.C.P.
BUILD ROCK LINING AT CULVERT OUTLET = 3.0 C.Y.
BUILD 2-18" GROUP A FES
CLASS 3 EXCAVATION = 39.7 C.Y.
Q50 = 9.8 CFS
DA = 1.8 ACRES



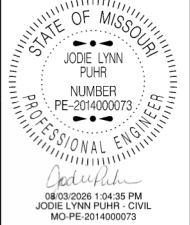
DATE PREPARED	
7/31/2026	
ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	329
COUNTY	
LAFAYETTE / JOHNSON	
JOB NO.	
J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION





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



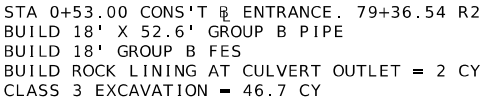
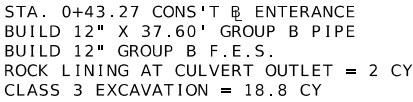
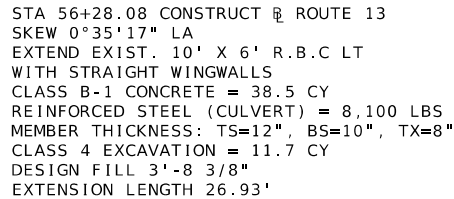
DATE PREPARED 7/31/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 331
COUNTY LAFAYETTE/ JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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



[illegible]

STA 7+15.07 CONST' T @ 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 16.25'

EL 853.68
OFF 18.81'

ROUTE 13

UFL EL 849.82

EX PIPE

EX R/W

STA 7+15.07

-80

-70

-60

-50

-40

-30

-20

-10

0

10

20

30

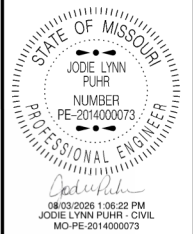
CULVERT SECTION
NB PASSING LANE 1
SHEET 8 OF 28



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'-6½"

STA 80+52.36 CONST' U 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"

CULVERT SECTION
NB PASSING LANE 1
SHEET 9 OF 28



DATE PREPARED
7/31/2026

ROUTE	STATE
13	MO

DISTRICT KC	SHEET NO. 335
----------------	------------------

COUNTY	
LAFAYETTE	JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

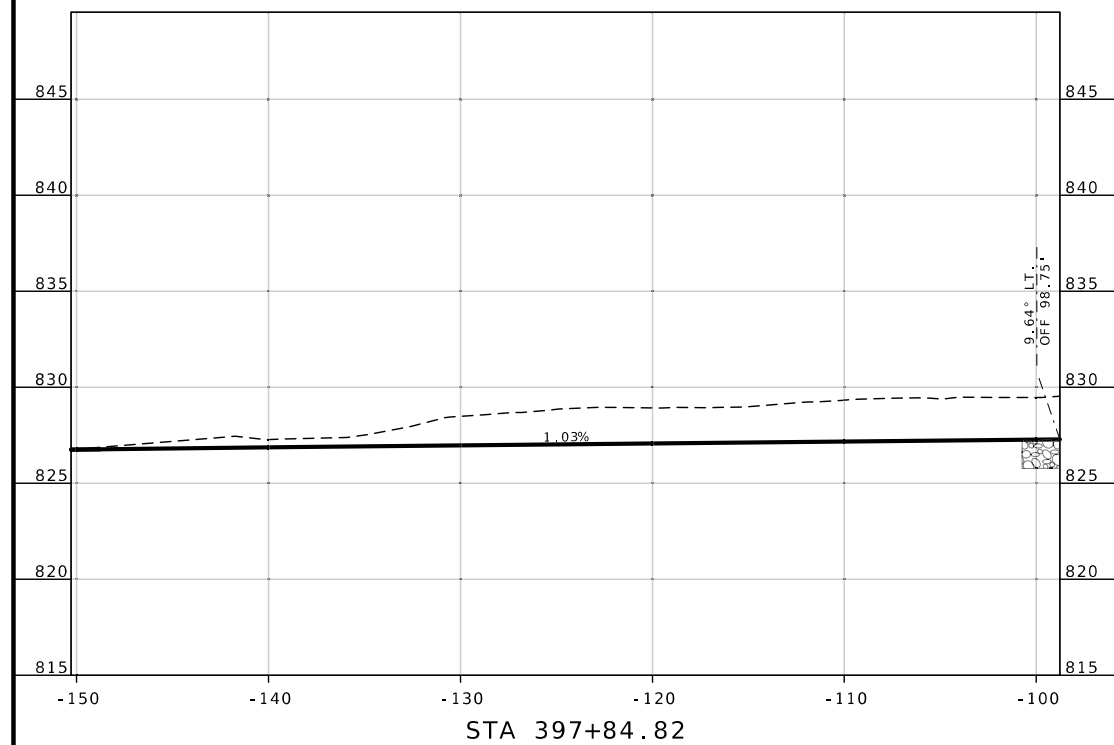
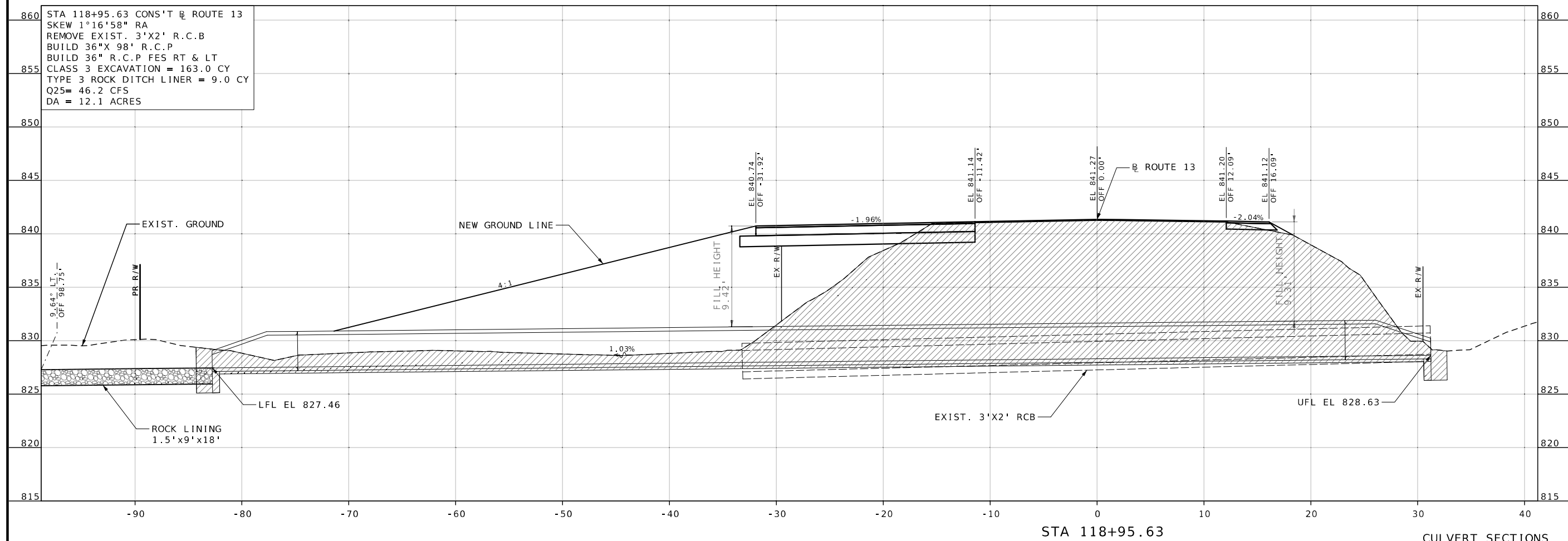
BRIDGE NO.

BRIDGE NO.							

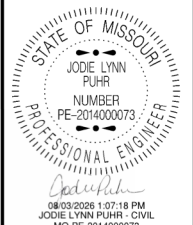
[illegible]

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

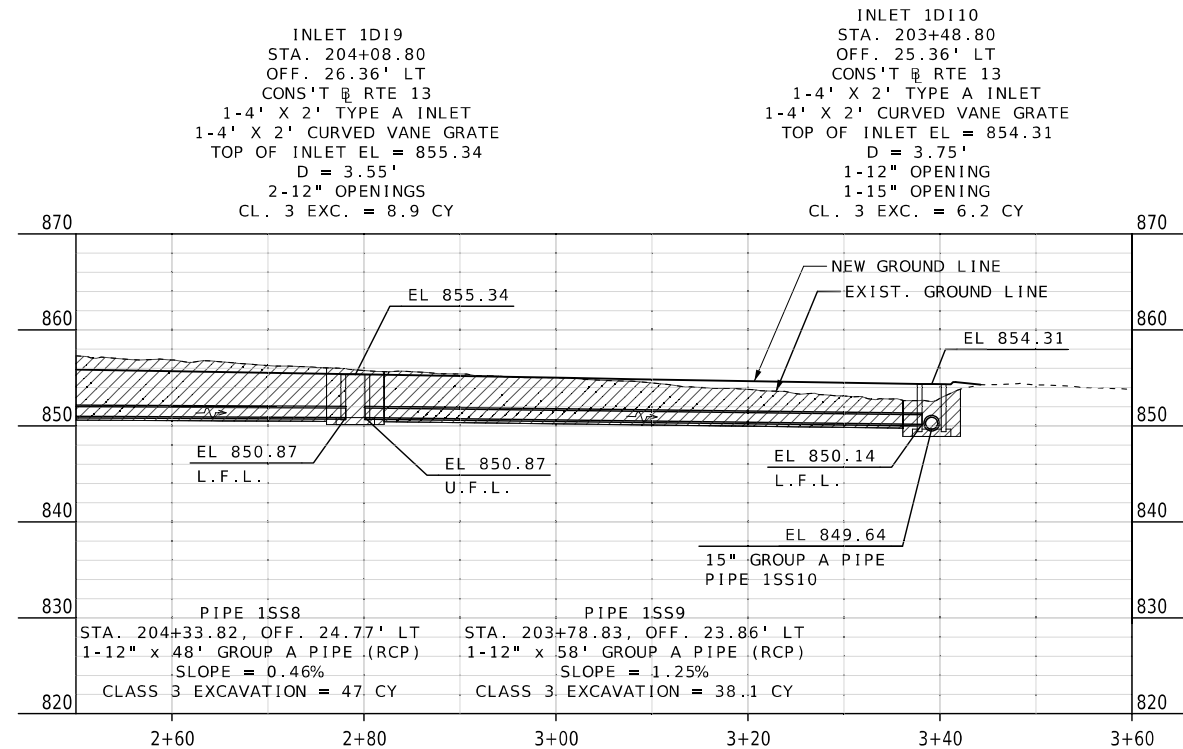
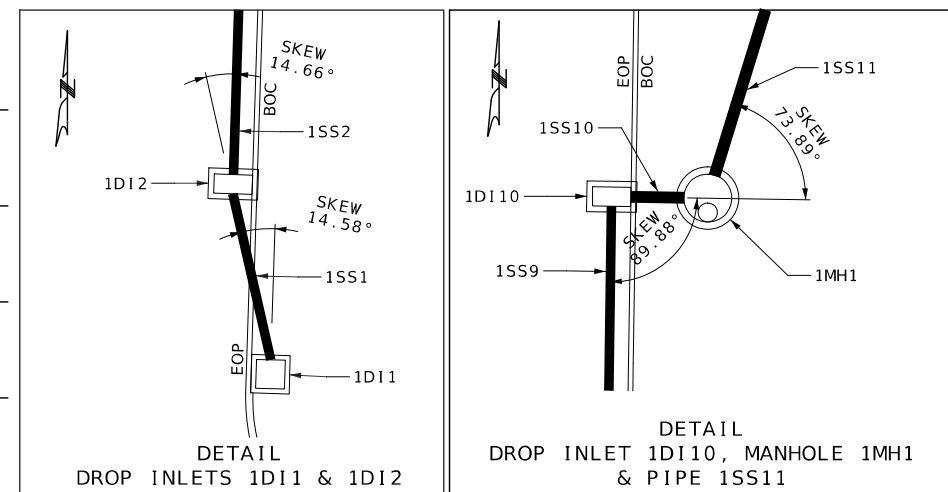
CONTRACT ID.

PROJECT NO.

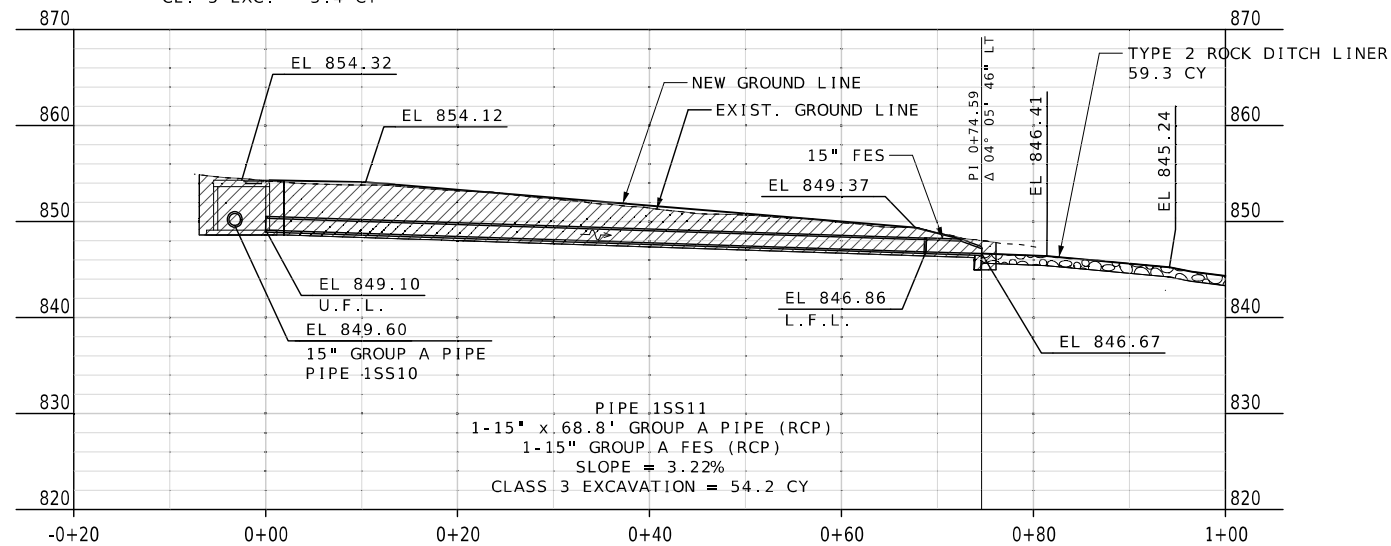
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

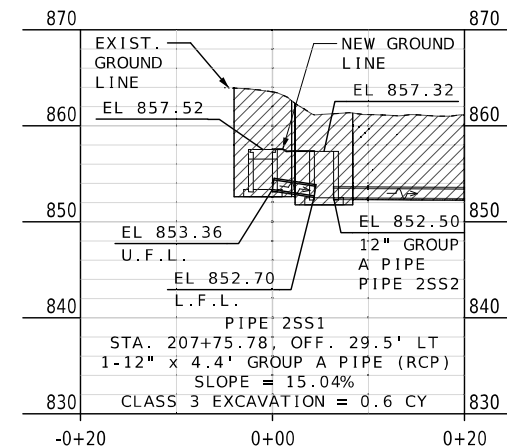
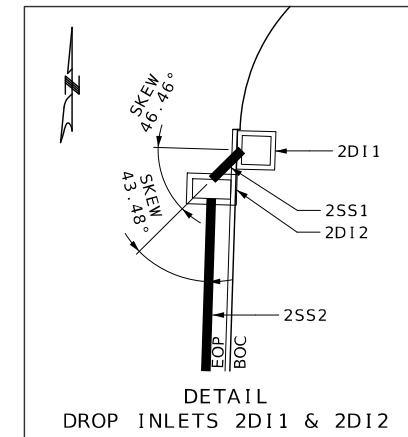


MANHOLE 1MH1
STA. 203+48.68
OFF. 33.36' LT
CONS'T @ RTE 13
1-MANHOLE FRAME & COMVER, TYPE 3
1-PRECAST CONC. MANHOLE, 60 IN.
TOP OF MH EL = 854.32
D = 5.23'
2-15" OPENINGS
CL. 3 EXC. = 3.4 CY



INLET 2DI1
STA. 207+74.20
OFF. 32.5' LT
CONS'T @ RTE 13
1-3' X 3' TYPE S-1 INLET
1-3' X 3' GRATE & BEARING PLATE
TOP OF INLET EL = 857.52
D = 4.16'
1-12" OPENING
CL. 3 EXC. = 14.6 CY

INLET 1DI2
STA. 207+78.36
OFF. 30' LT
CONS'T @ RTE 13
1-4' X 2' TYPE A INLET
1-4' X 2' CURVED VANE GRATE
TOP OF INLET EL = 857.32
D = 3.90'
2-12" OPENING
CL. 3 EXC. = 22.8 CY



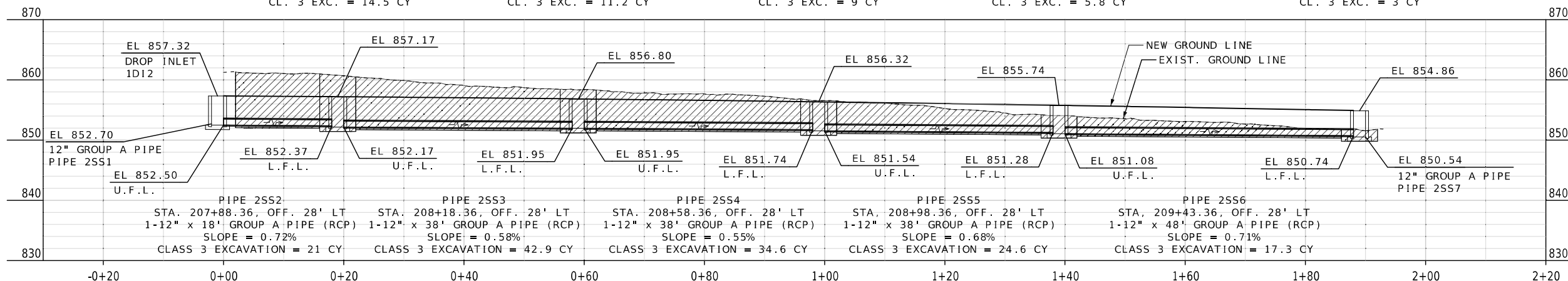
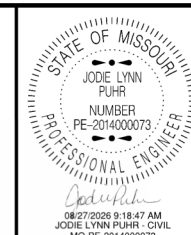
INLET 2DI3
STA. 207+98.36
OFF. 30' LT
CONS'T @ RTE 13
1-4' X 2' TYPE A INLET
1-4' X 2' CURVED VANE GRATE
TOP OF INLET EL = 857.17
D = 4.08'
2-12" OPENING
CL. 3 EXC. = 14.5 CY

INLET 2DI4
STA. 208+38.36
OFF. 30' LT
CONS'T @ RTE 13
1-4' X 2' TYPE A INLET
1-4' X 2' CURVED VANE GRATE
TOP OF INLET EL = 856.80
D = 3.93'
2-12" OPENING
CL. 3 EXC. = 11.2 CY

INLET 2DI5
STA. 208+78.36
OFF. 30' LT
CONS'T @ RTE 13
1-4' X 2' TYPE A INLET
1-4' X 2' CURVED VANE GRATE
TOP OF INLET EL = 856.32
D = 3.86'
2-12" OPENING
CL. 3 EXC. = 9 CY

INLET 2DI6
STA. 209+18.36
OFF. 30' LT
CONS'T @ RTE 13
1-4' X 2' TYPE A INLET
1-4' X 2' CURVED VANE GRATE
TOP OF INLET EL = 855.74
D = 3.74'
2-12" OPENING
CL. 3 EXC. = 5.8 CY

INLET 2DI7
STA. 209+68.36
OFF. 30' LT
CONS'T @ 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



DATE PREPARED
8/26/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. 343

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

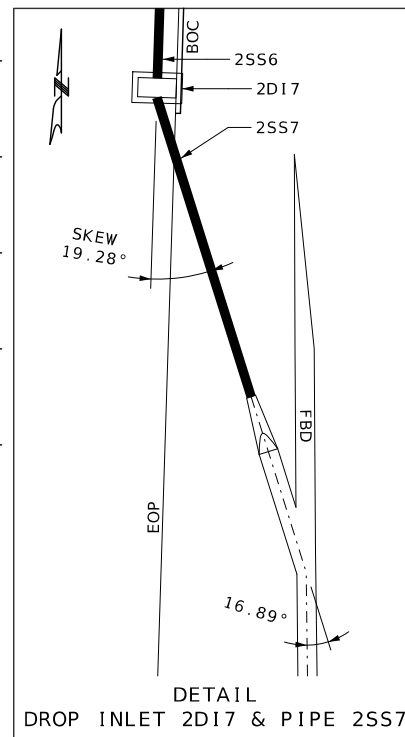
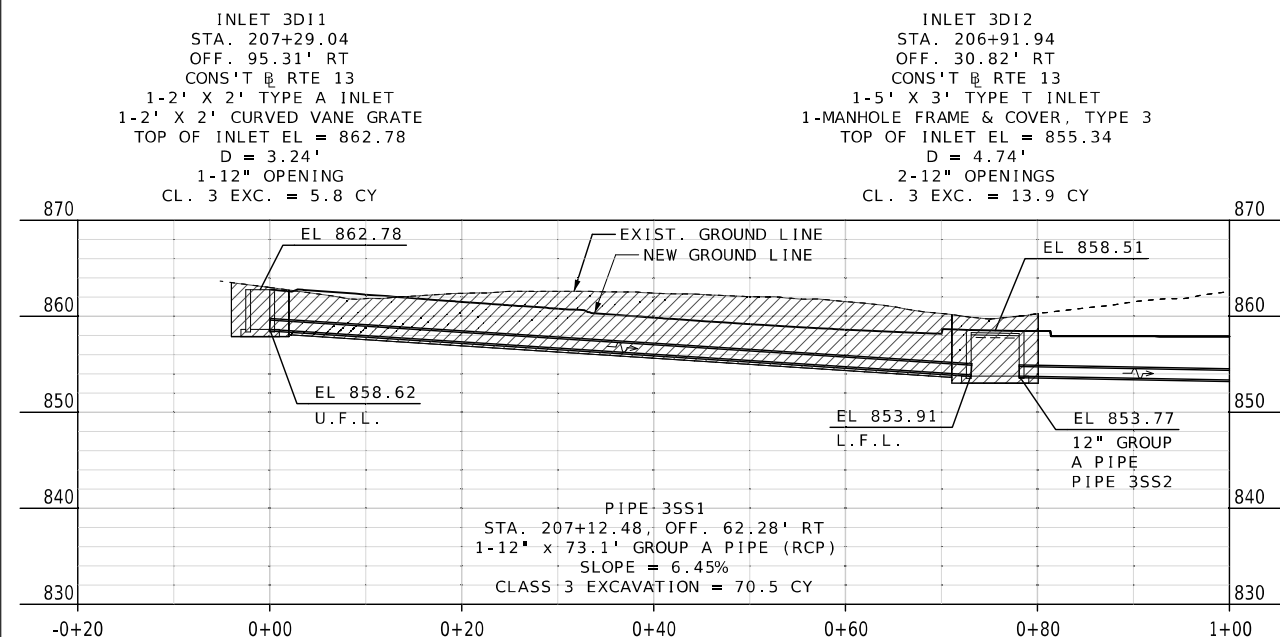
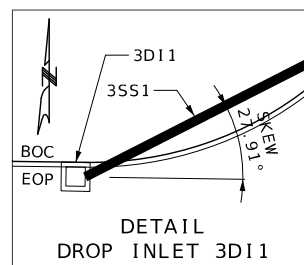
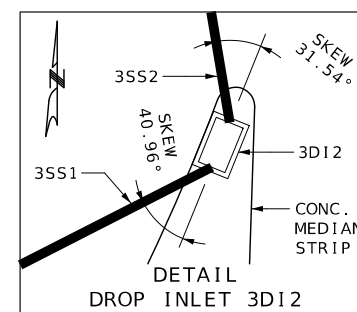
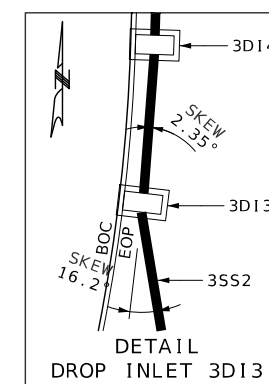
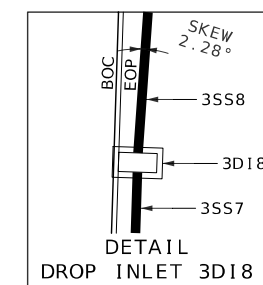
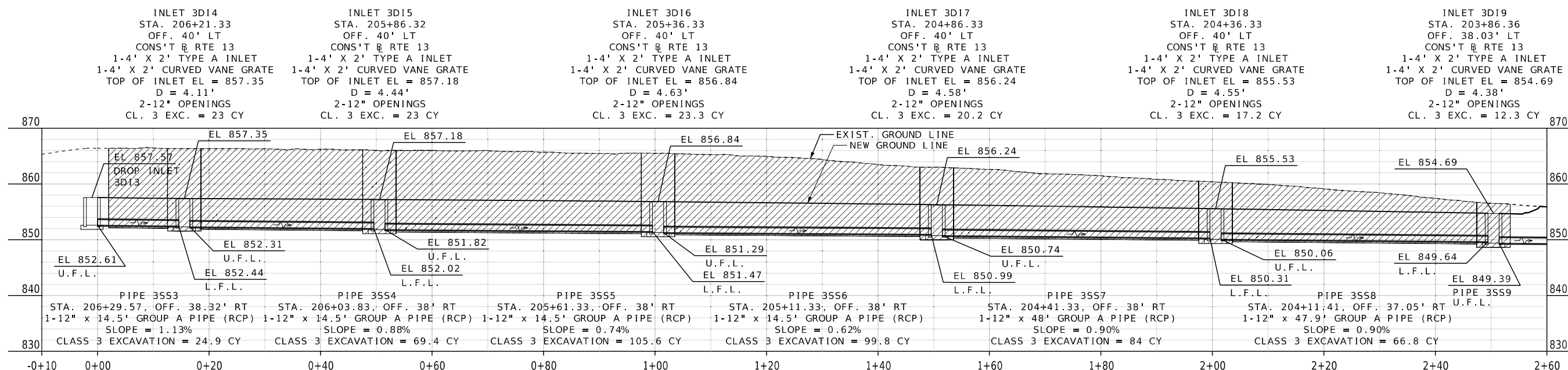
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

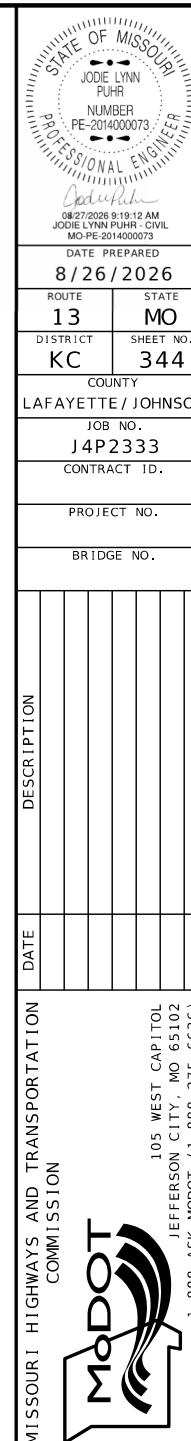
JEFFERSON CITY, MO 65102

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

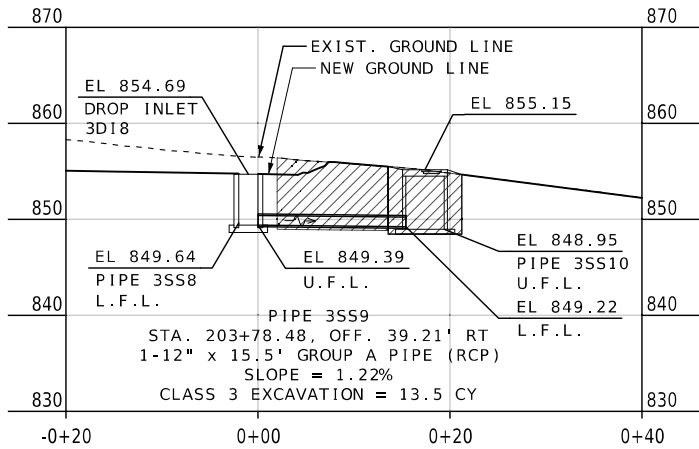
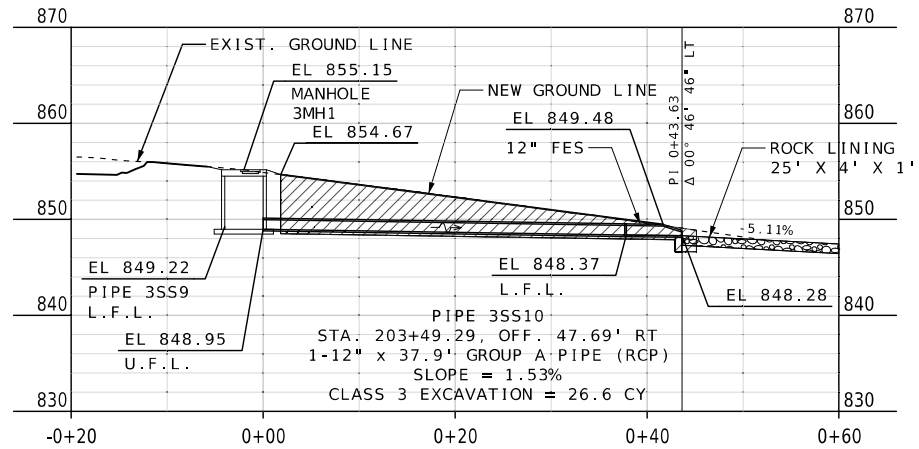
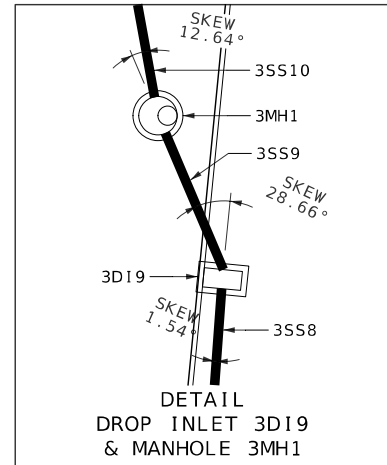
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CULVERT SECTION
SHEET 18 OF 28

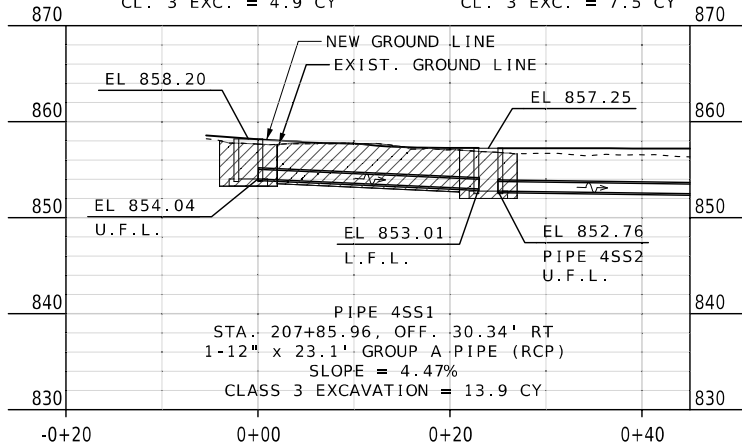


MANHOLE 3MH1
STA. 203+69.70
OFF. 43.28' RT
CONS'T @ RTE 13
1-MANHOLE FRAME & COMVER, TYPE 3
1-PRECAST CONC. MANHOLE, 48 IN.
TOP OF MH EL = 855.15
D = 6.20'
2-12" OPENINGS
CL. 3 EXC. = 2.9 CY

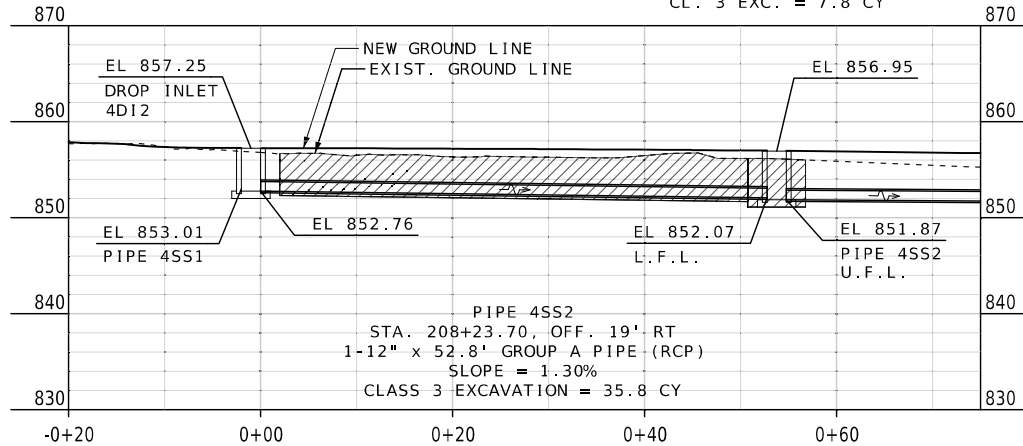
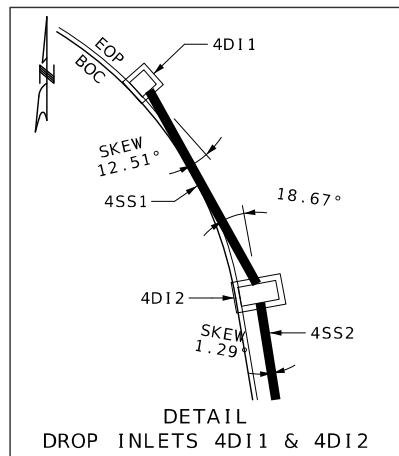
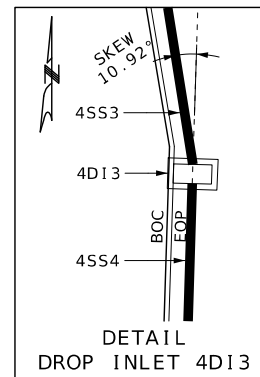


INLET 4D11
STA. 207+76.03
OFF. 37.67' RT
CONS'T @ RTE 13
1-2' X 2' TYPE A INLET
1-2' X 2' CURVED VANE GRATE
TOP OF INLET EL = 858.20
D = 4.16'
1-12" OPENING
CL. 3 EXC. = 4.9 CY

INLET 4D12
STA. 207+97.25
OFF. 26.17' LT
CONS'T @ RTE 13
1-4' X 2' TYPE A INLET
1-4' X 2' CURVED VANE GRATE
TOP OF INLET EL = 857.25
D = 3.57'
2-12" OPENINGS
CL. 3 EXC. = 7.5 CY



INLET 4D13
STA. 208+50.61
OFF. 16' LT
CONS'T @ RTE 13
1-4' X 2' TYPE A INLET
1-4' X 2' CURVED VANE GRATE
TOP OF INLET EL = 857.25
D = 3.57'
2-12" OPENINGS
CL. 3 EXC. = 7.8 CY



STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/27/2026 9:19:36 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
8/26/2026

ROUTE
13

STATE
MO

DISTRICT
KC

SHEET NO.
345

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

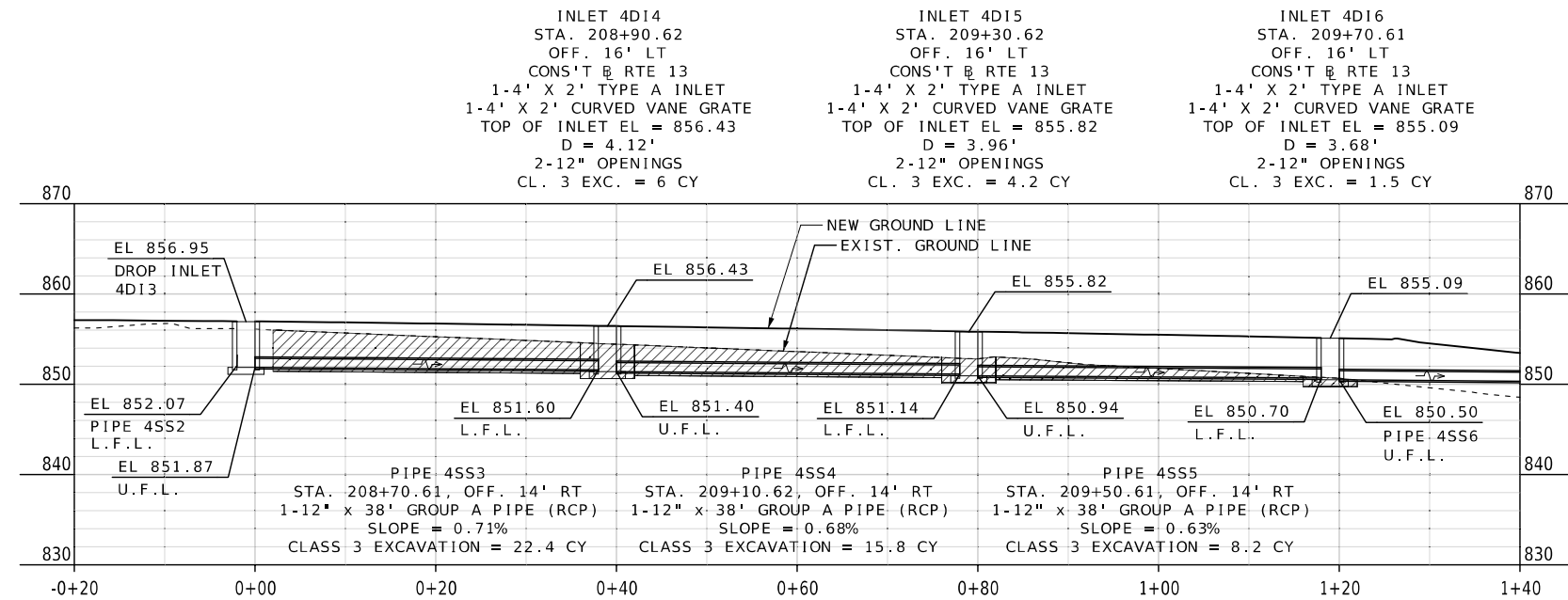
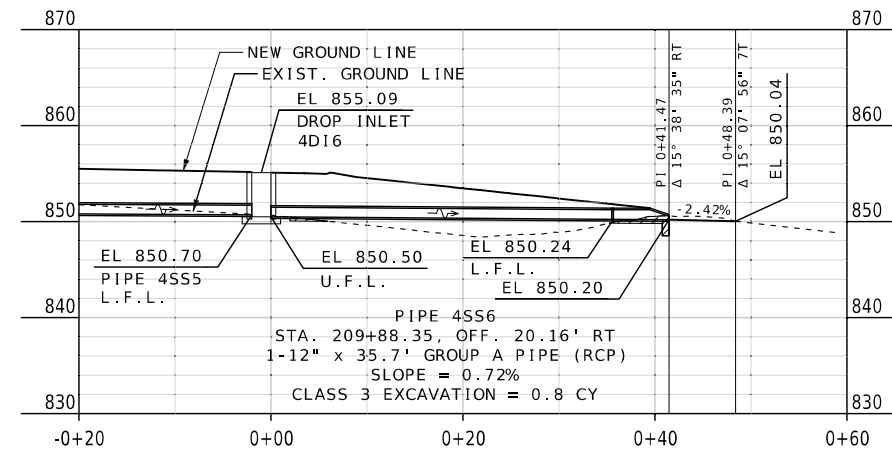
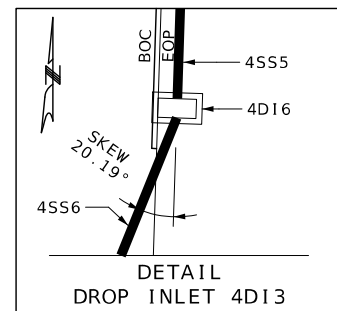
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT



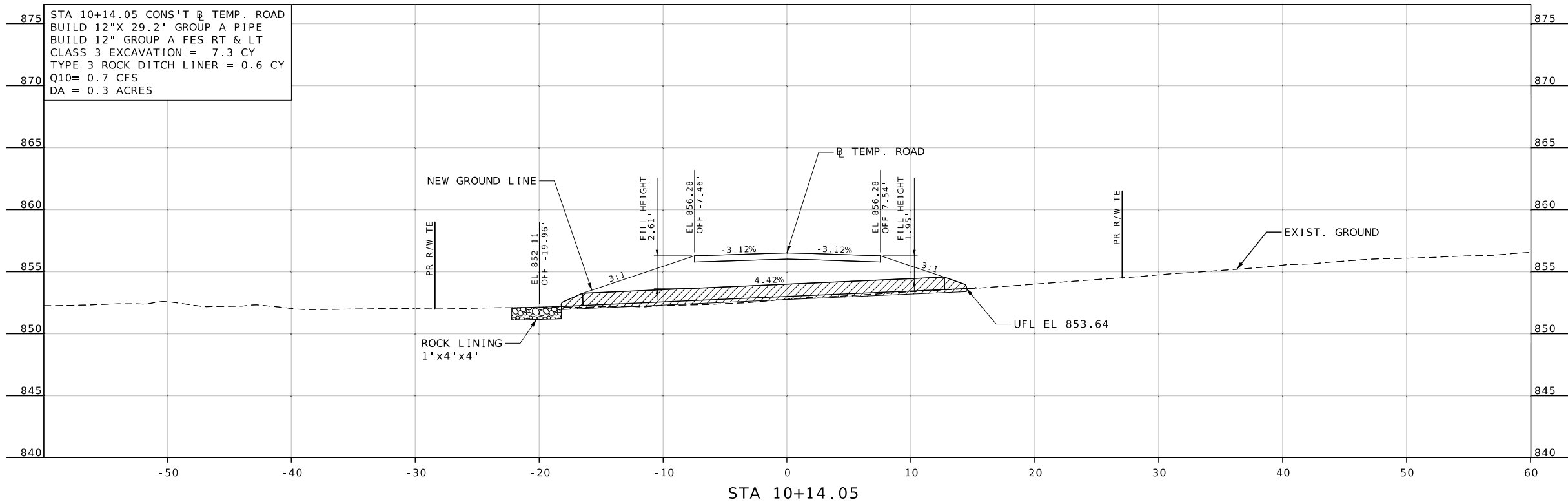
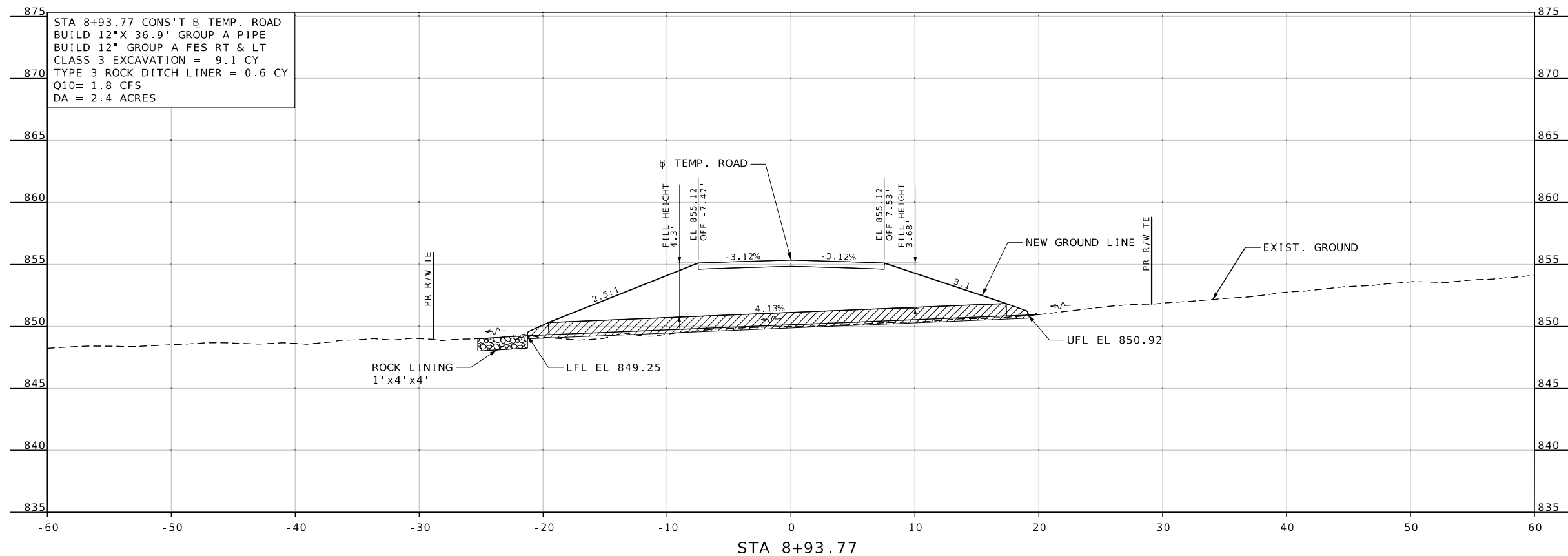
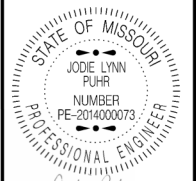
STATE OF MISSOURI
 JODIE LYNN PUHR
 NUMBER
 PE-2014000073
 PROFESSIONAL ENGINEER
 08/27/2026 9:19:59 AM
 JODIE LYNN PUHR - CIVIL
 MO-PE-2014000073

DATE PREPARED 8/26/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 346
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)



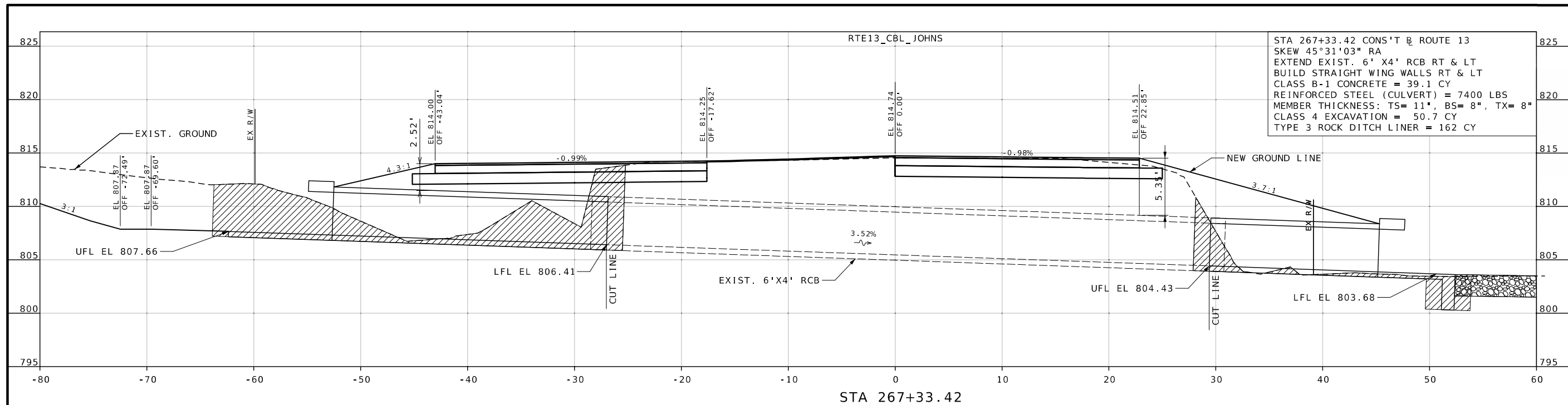
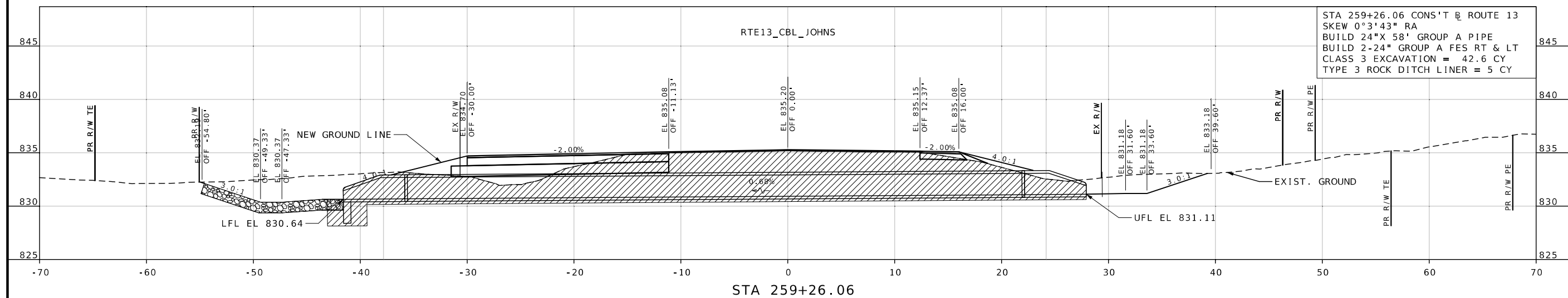
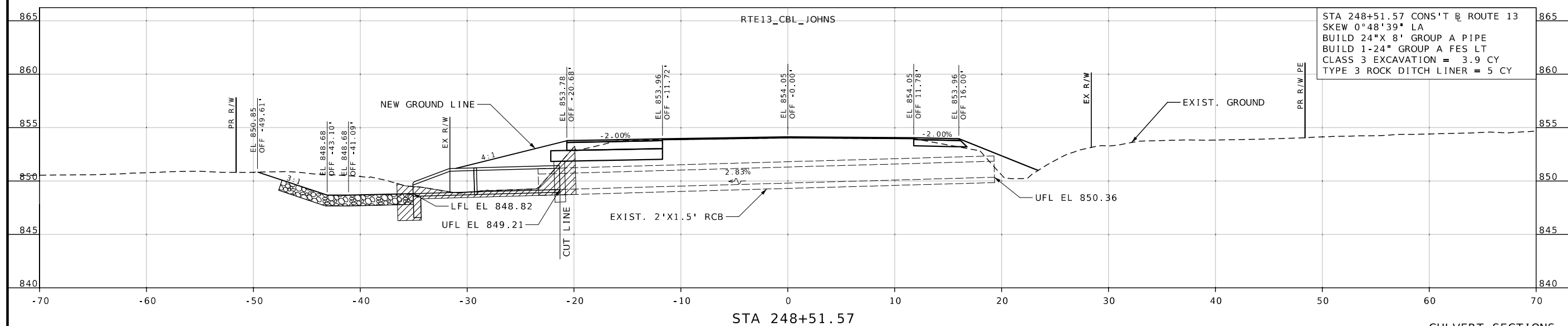
DATE PREPARED 7/31/2026	
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DISTRICT KC	SHEET NO. 347
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	

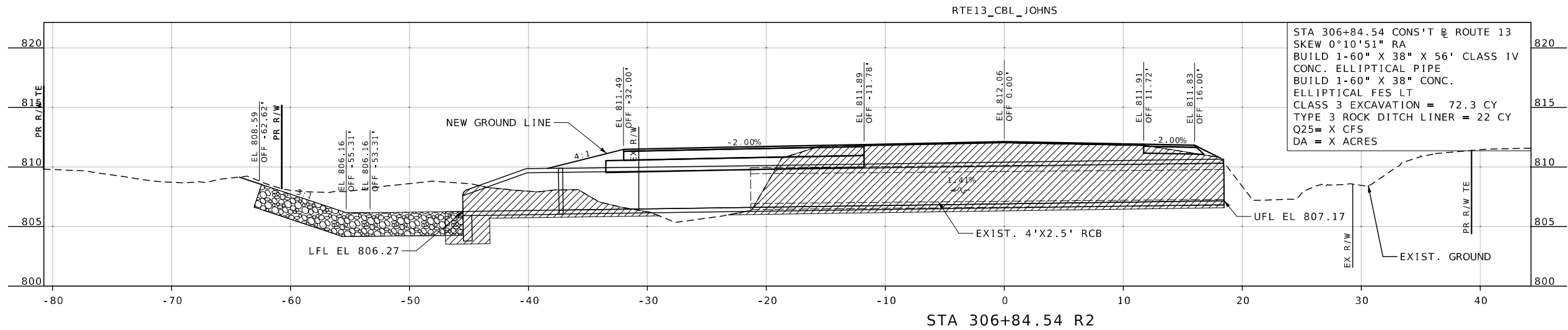
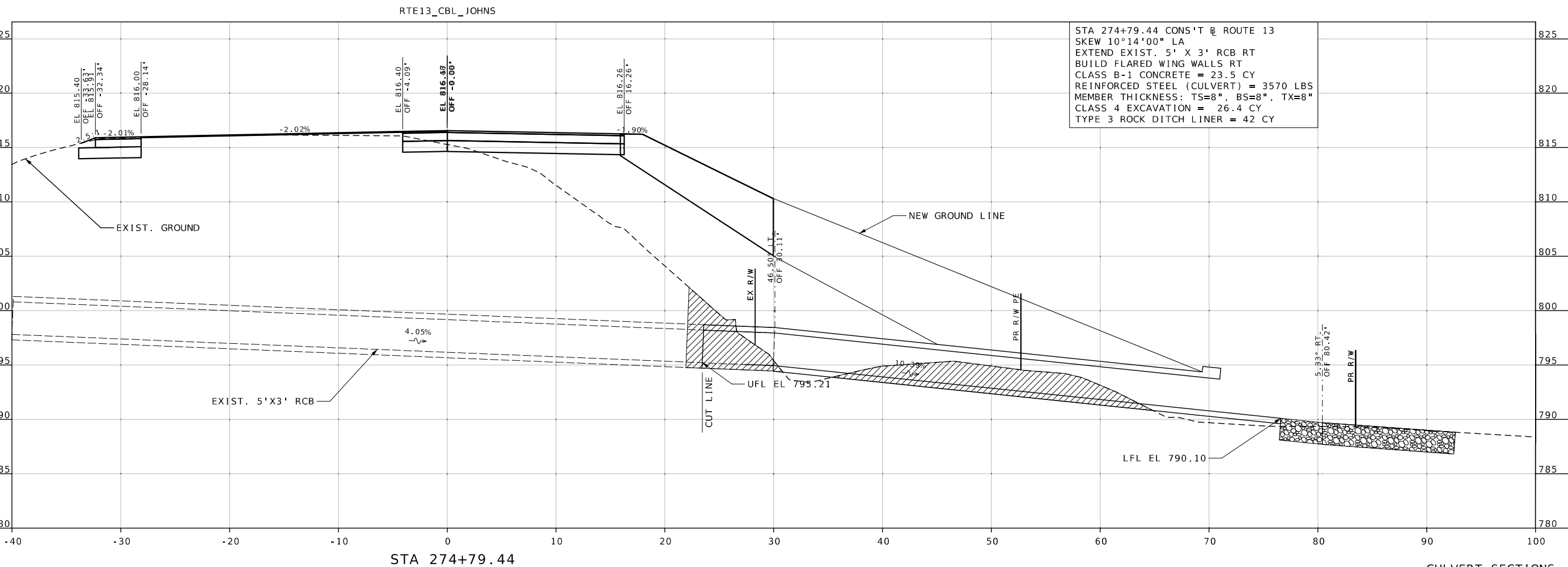
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 BRIDGE NO.

DESCRIPTION	DATE

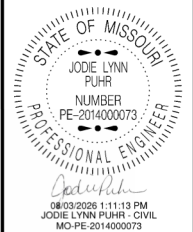
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



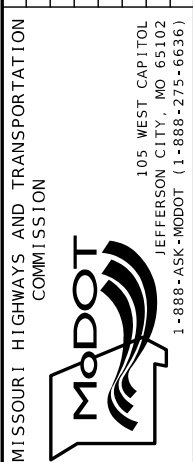


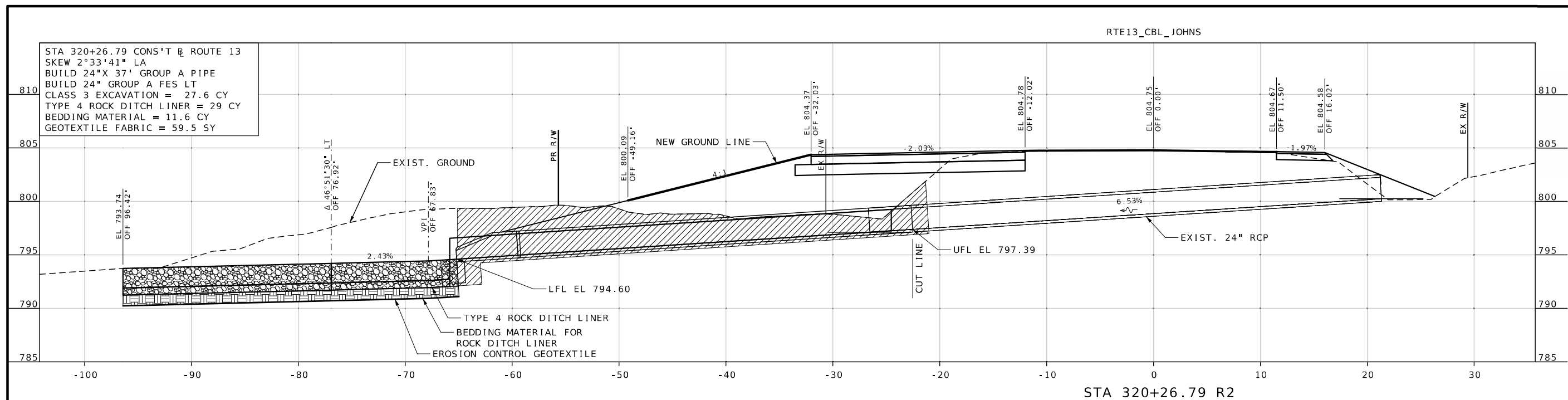
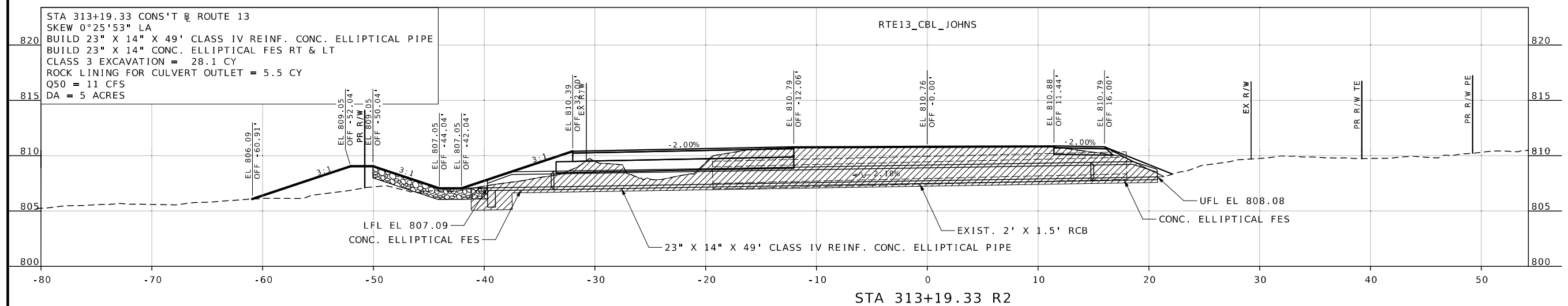
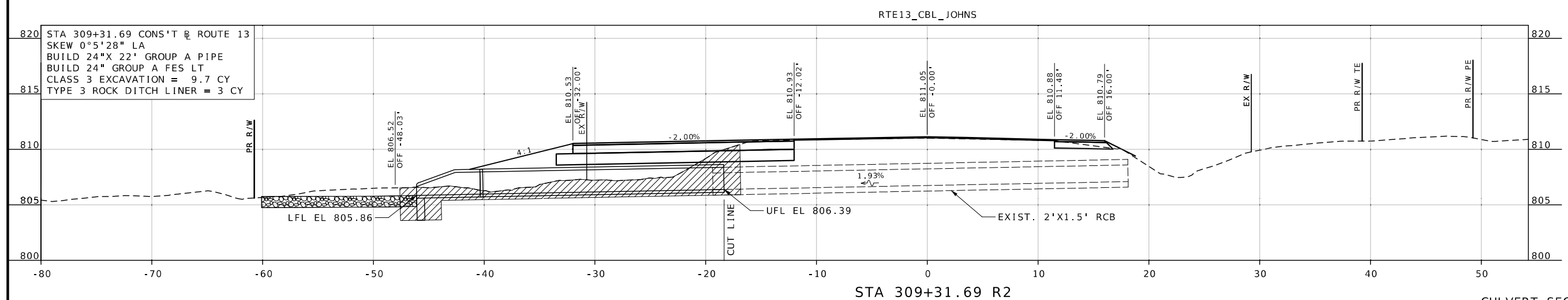
CULVERT SECTIONS
NB PASSING LANE 2
SHEET 23 OF 28



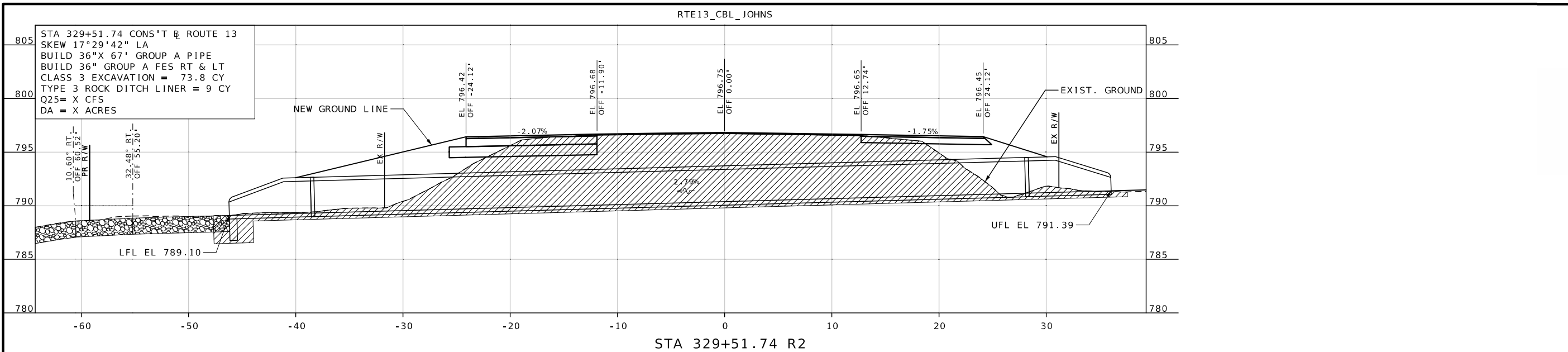
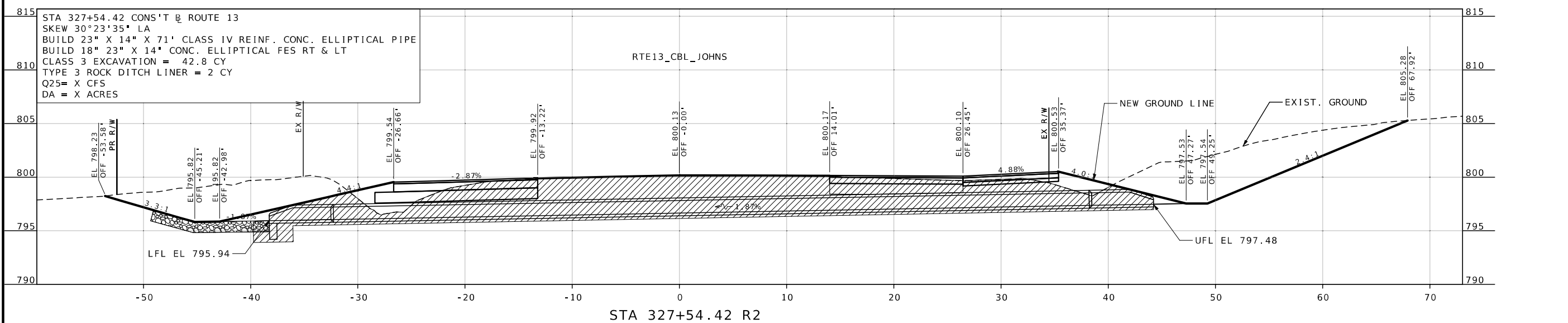
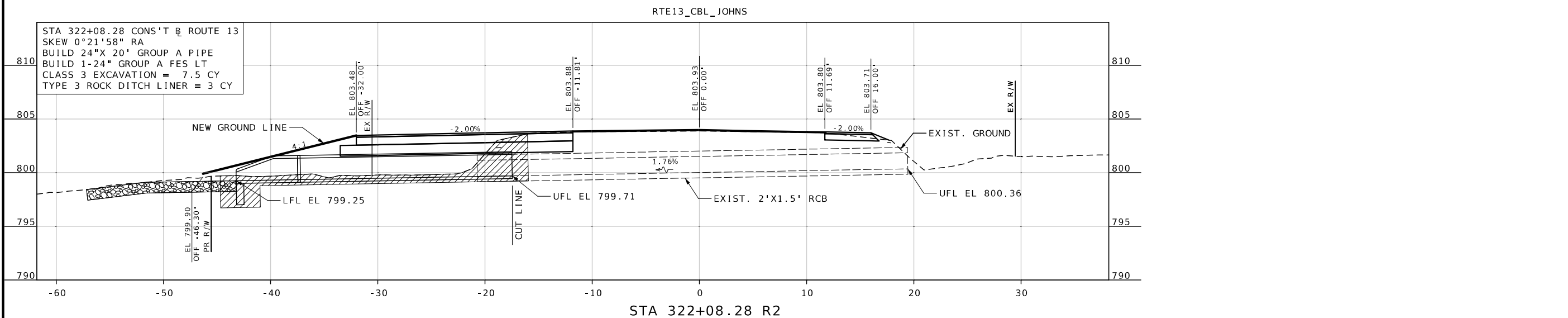
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ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 349
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION





CULVERT SECTIONS
NB PASSING LANE 2
SHEET 24 OF 28



STATE OF MISSOURI

JODIE LYNN PUHR

NUMBER

PE-2014000073

PROFESSIONAL ENGINEER

08/03/2025 1:11:56 PM

JODIE LYNN PUHR - CIVIL

MO-PE-2014000073

DATE PREPARED

7/31/2026

ROUTE

13

STATE

MO

DISTRICT

KC

SHEET NO.

351

COUNTY

LAFAYETTE / JOHNSON

JOB NO.

J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

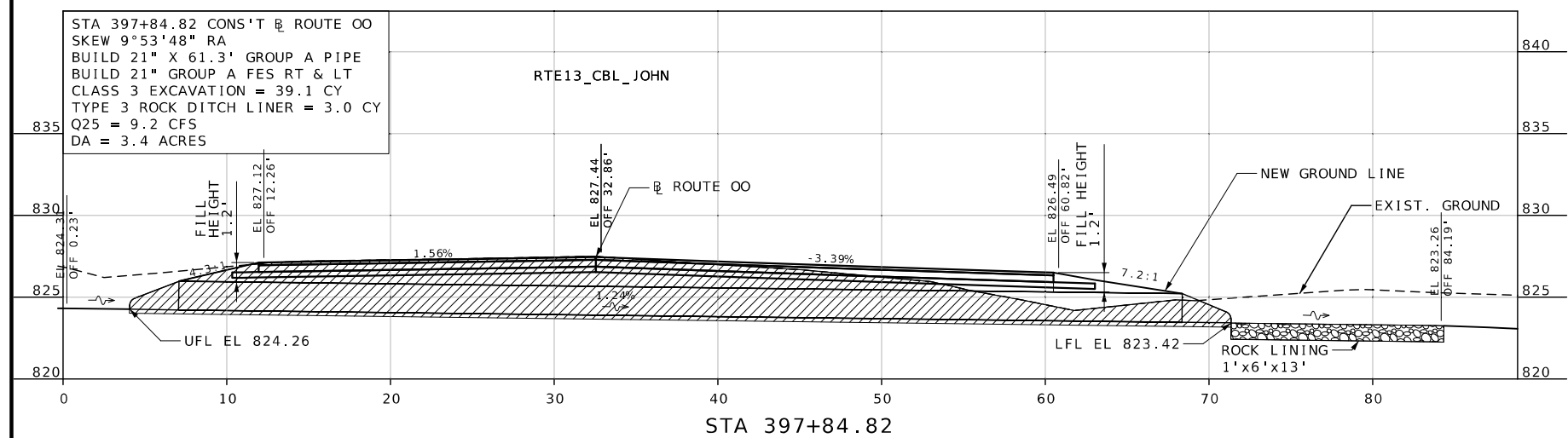
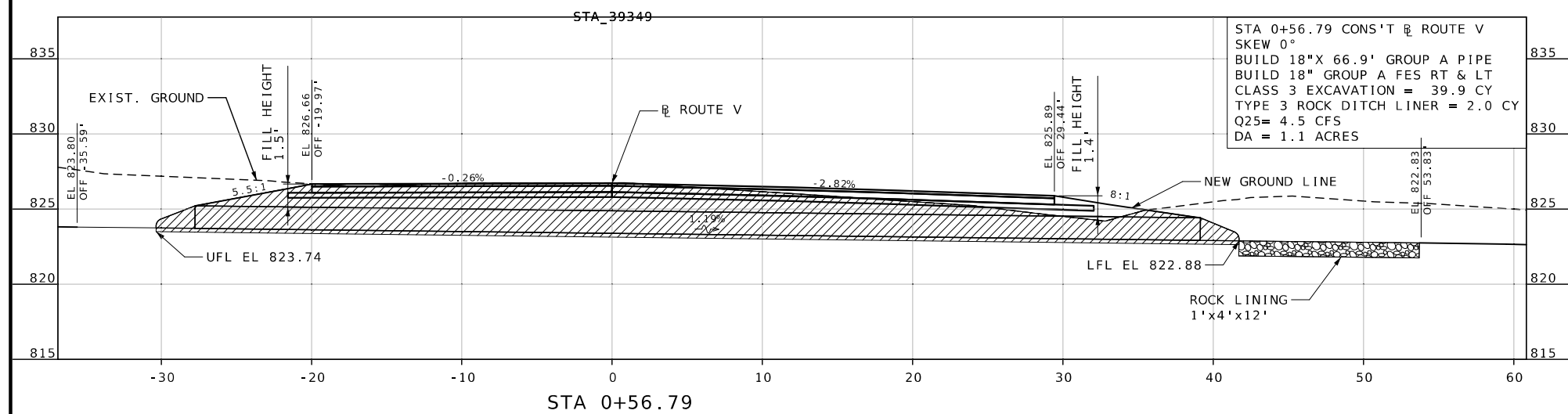
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105 WEST CAPITOL

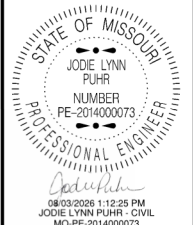
JEFFERSON CITY, MO 65102

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

MoDOT



CULVERT SECTIONS
TWO-WAY LEFT-TURN LANE
SHEET 26 OF 28



DATE PREPARED

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. 352

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

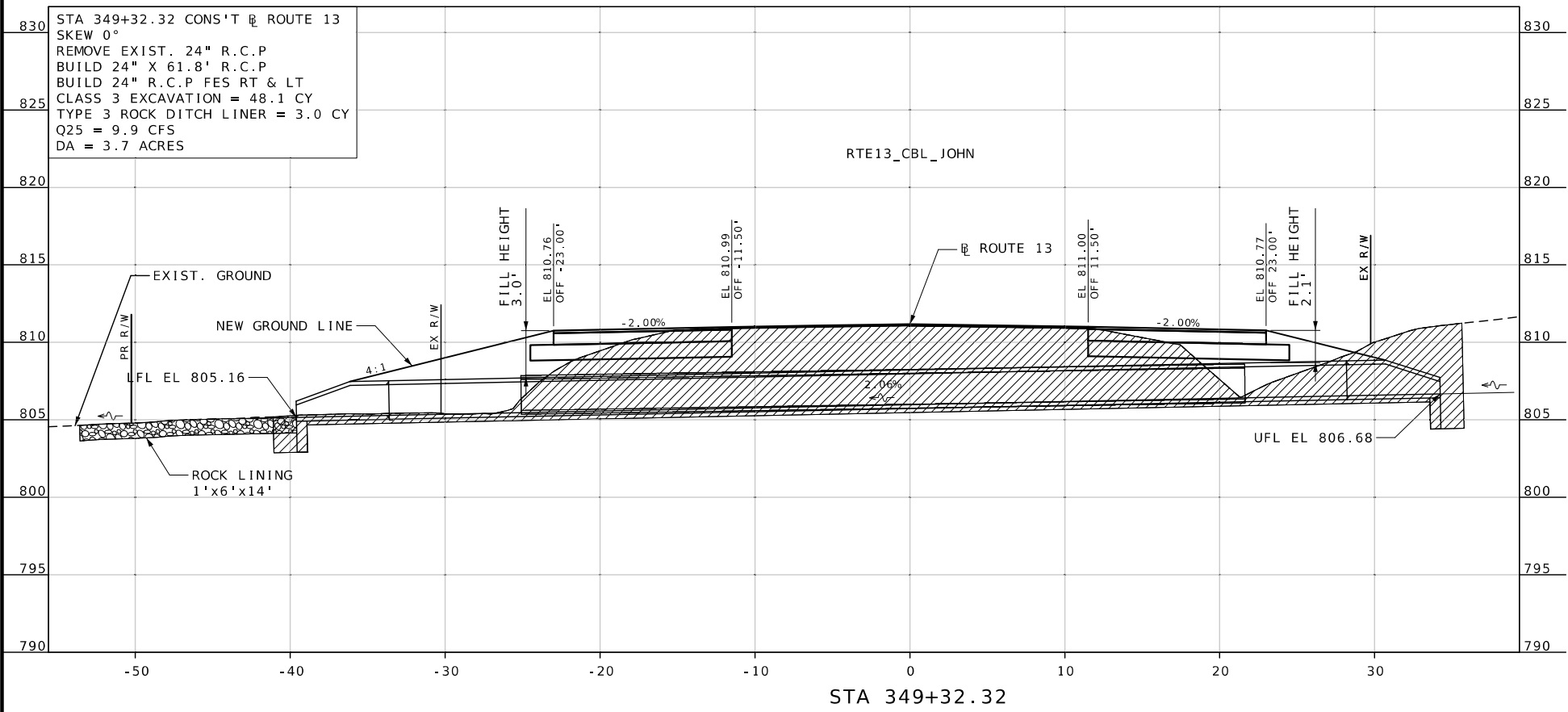
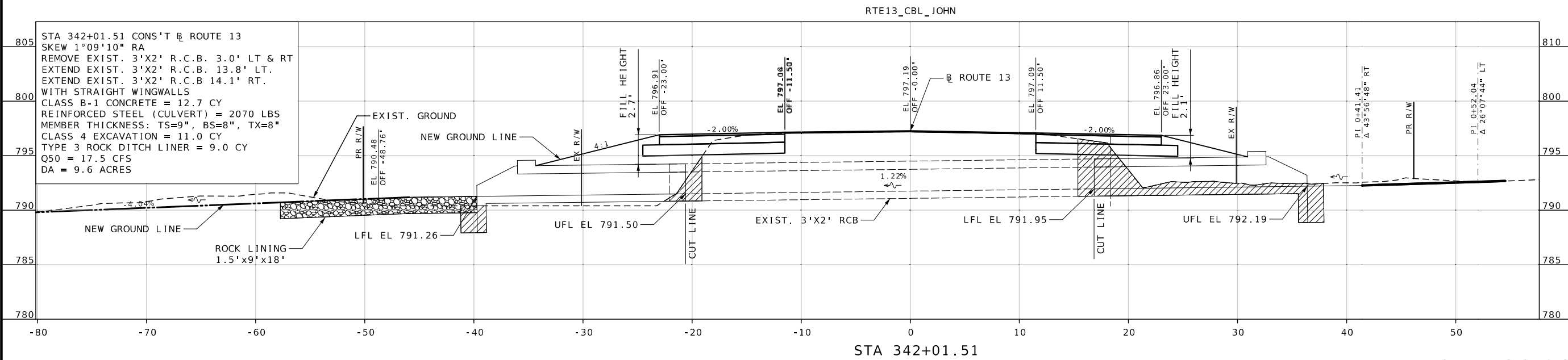
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BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
08/03/2026 1:12:53 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/31/2026

ROUTE
13

DISTRICT
KC

STATE
MO

SHEET NO.
353

COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

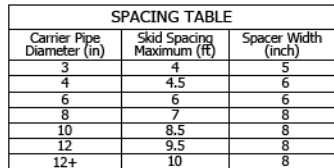
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BRIDGE NO.

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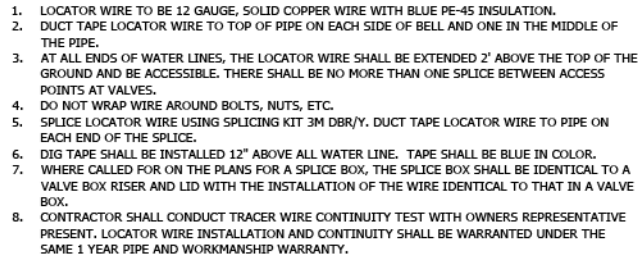
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

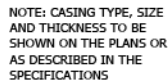


1. SPACER O.D. SHALL BE AT LEAST 1/2" LARGER THAN PIPE BELL O.D.
2. CLEARANCE BETWEEN SPACER O.D. AND ENCASEMENT PIPE I.D. SHALL BE AT LEAST 1-1/2".
3. A MINIMUM OF 3 SPACERS PER INDIVIDUAL PIPE REGARDLESS OF PIPE LENGTH.
4. USE DOUBLE SPACERS AT END & ONE EACH SIDE OF A JOINT CASING.
5. END SEALS TO BE SYNTHETIC RUBBER BOOT WITH STAINLESS STEEL ADJUSTING BINDING STRAPS.
6. LOCATOR WIRE NOT SHOWN.

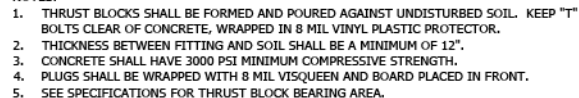
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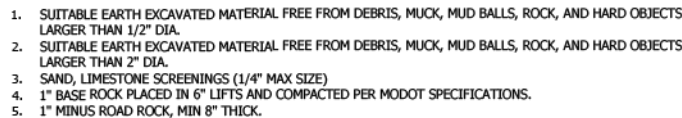
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NOT TO SCALE

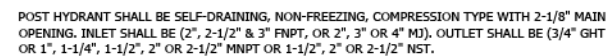


NOT TO SCALE



6. BEDDING MATERIAL SHALL BE TAMPED IN LAYERS UNDER THE PIPE HAUNCHES AND AROUND THE PIPE 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 HAD TO THE SITE WHEN ENCOUNTERING ROCK. EXCAVATED ROCK SHALL NOT BE ALLOWED BACK IN THE TRENCH.
11. PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.

NOT TO SCALE



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.

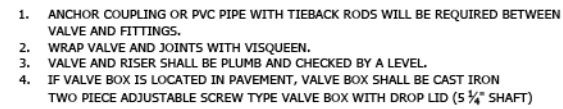
PRINCIPAL INTERIOR OPERATING PARTS SHALL BE BRASS, BRONZE AND ALUMINUM AND BE REMOVABLE FOR SERVICING WITHOUT EXCAVATING THE HYDRANT.

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.

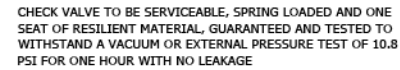
HYDRANTS SHALL BE #2 ECLIPSE POST HYDRANT AS MANUFACTURED BY JOHN C. KUPFERLE COMPANY, ST. LOUIS, MO OR APPROVED EQUAL.

NOT TO SCALE





NOT TO SCALE



NOT TO SCALE



Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-534-3181
CERTIFICATE OF AUTHORITY NO. 000467 - 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.

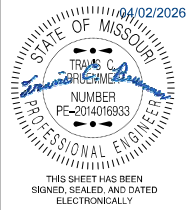
d. CONTRACTOR SHALL FIELD VERIFY EXISTING PIPE MATERIAL AND SIZE PRIOR TO CONNECTION TO EXISTING MAIN.

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
WWW.BARTLETTWEST.COM



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

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

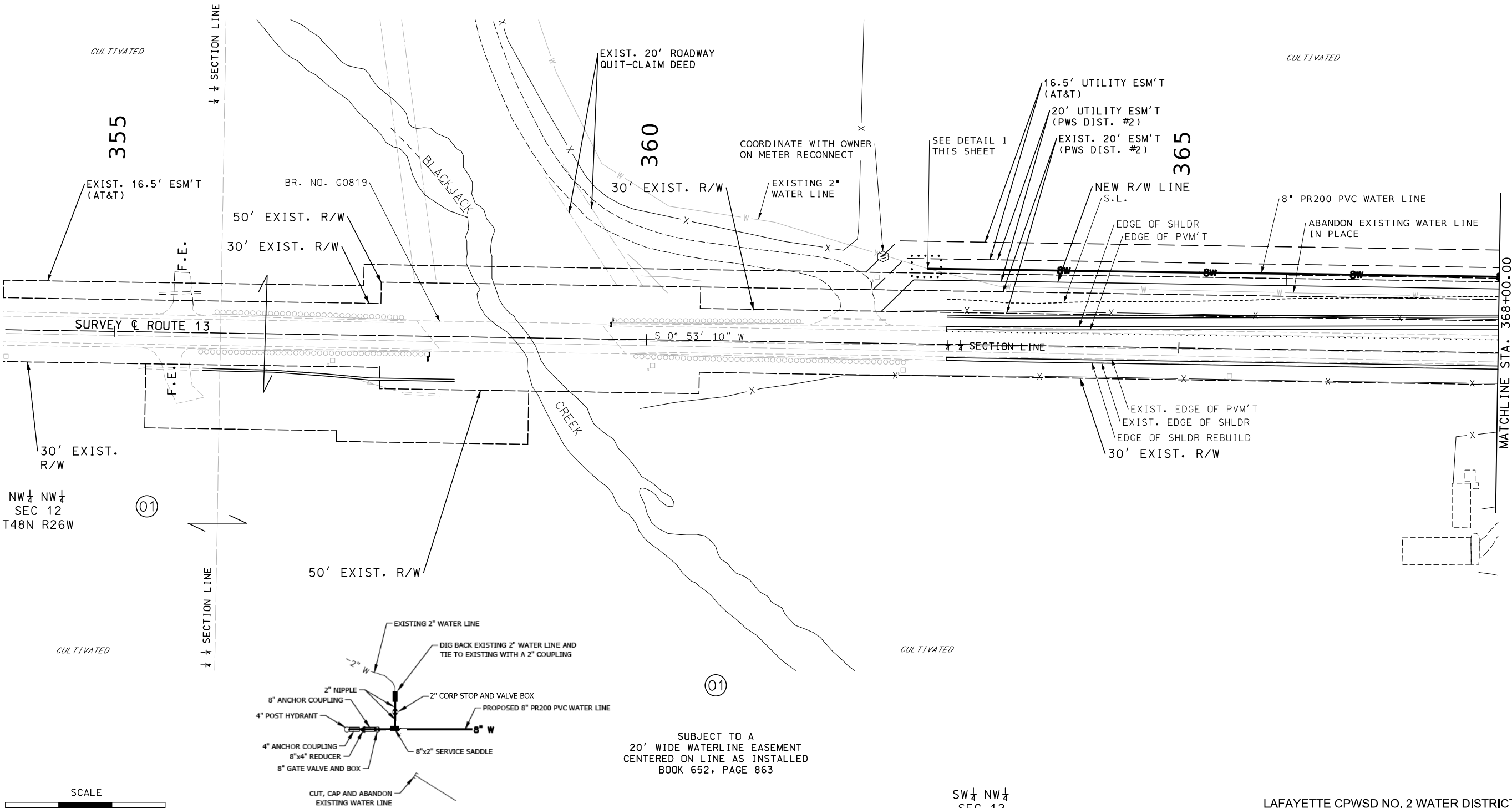
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



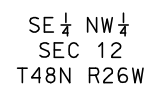
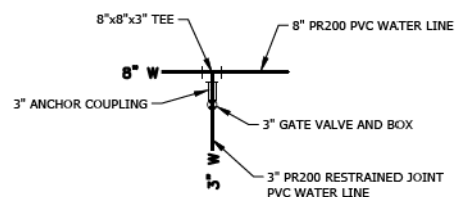
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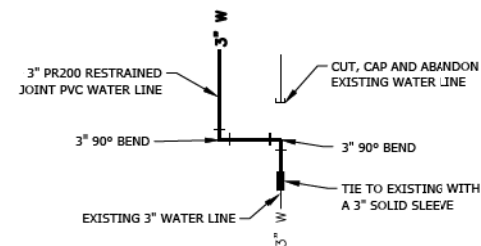


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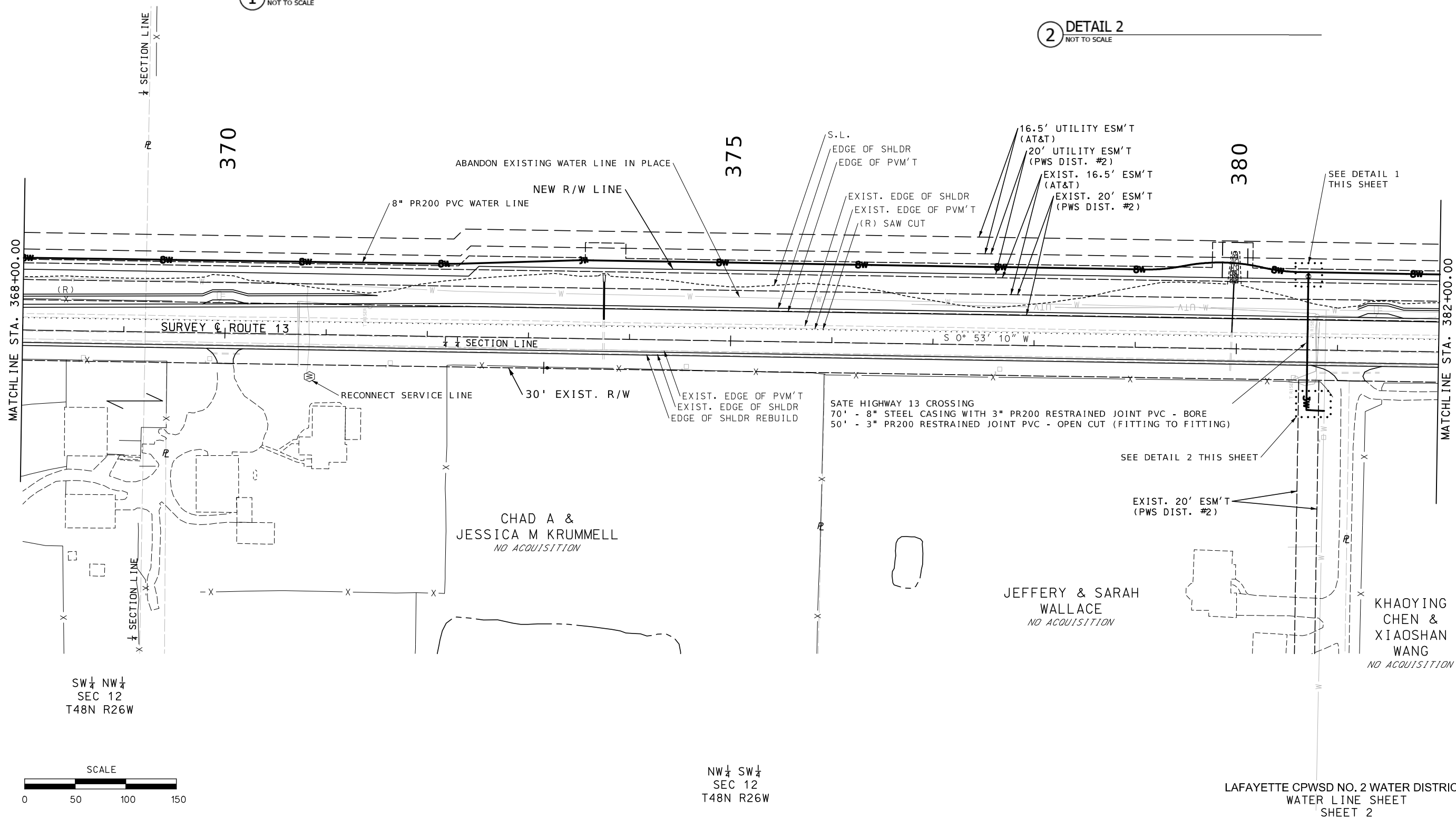
NE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 12
T48N R26W

(02)

KENNETH L SCHROEDER
LIVING TRUST



2 DETAIL 2
NOT TO SCALE



04/02/2026

STATE OF MISSOURI
TRAVIS C. BIERMEYER
NUMBER
PE-2014016933
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED, AND DATED
ELECTRONICALLY

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.

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COMMISSION

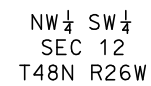
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SE $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 12
T48N R26W

03



SCALE

0 50 100 150

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]

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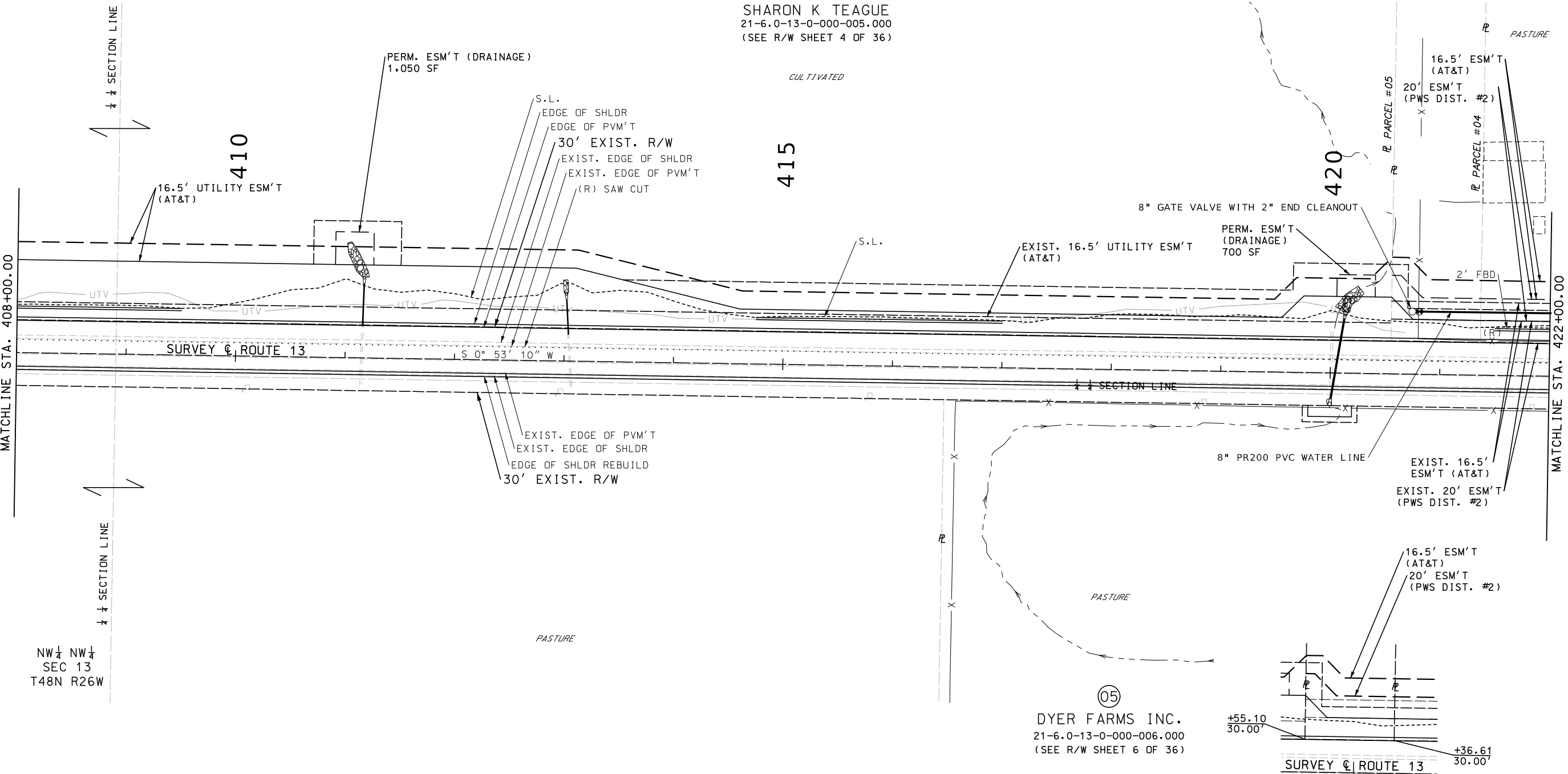
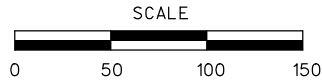


NE 1/4 NW 1/4
SEC 13
T48N R26W

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

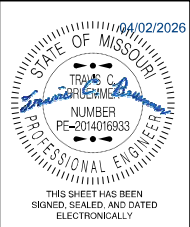
05
DYER
FARMS
INC.
006.000

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

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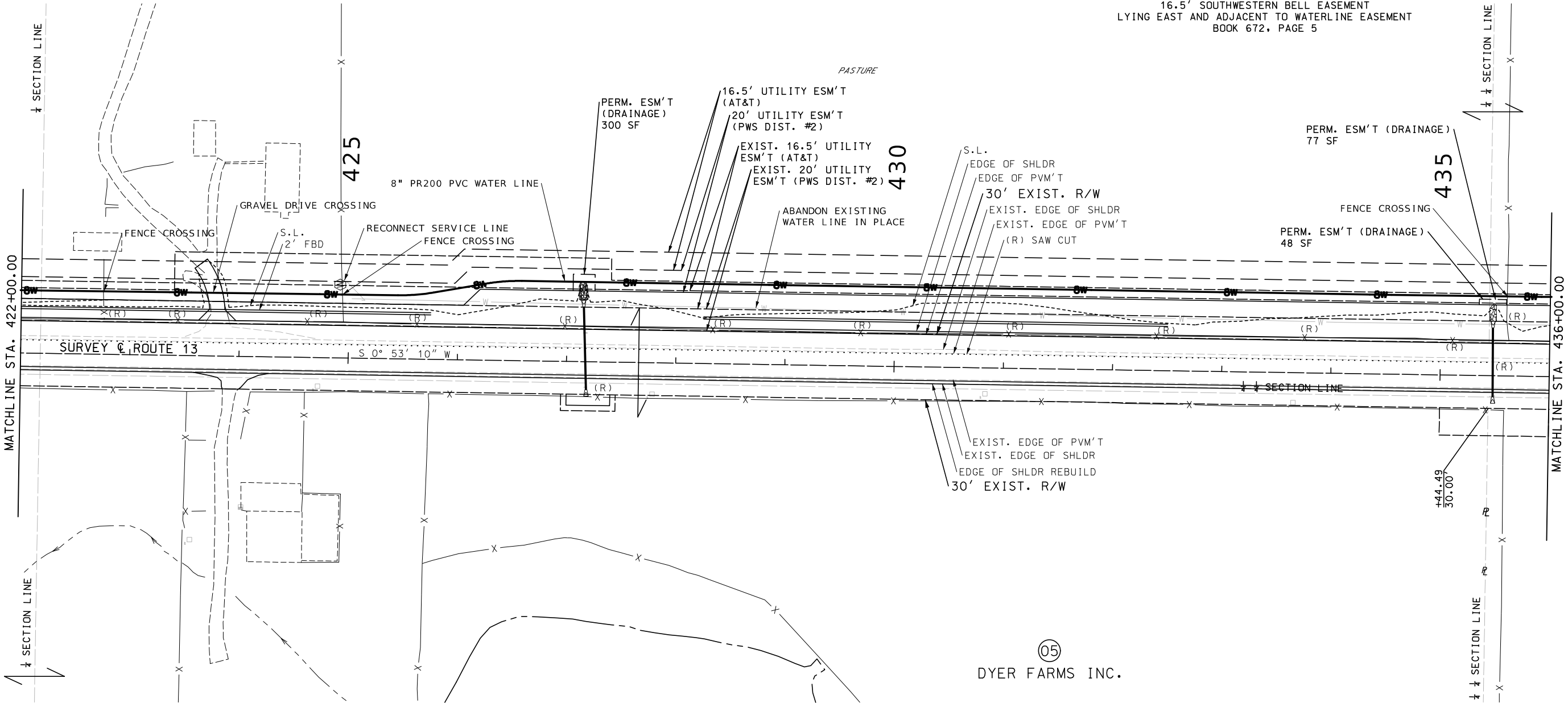
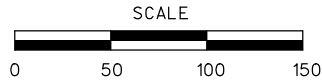
NE 1/4 SW 1/4
SEC 13
T48N R26W

05
DYER FARMS INC.

SUBJECT TO A
20' WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 649, PAGE 131

AND

16.5' SOUTHWESTERN BELL EASEMENT
LYING EAST AND ADJACENT TO WATERLINE EASEMENT
BOOK 672, PAGE 5



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

05
DYER FARMS INC.

LAFAYETTE CPWSD NO. 2 WATER DISTRICT
WATER LINE SHEET
SHEET 6



DATE PREPARED
3/29/2026

ROUTE 13 STATE MO

DISTRICT KC SHEET NO. W06

COUNTY LAFAYETTE / JOHNSON

JOB NO. J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

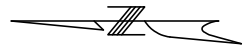
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



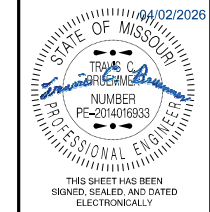
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SE 1/4 SW 1/4
SEC 13
T48N R26W

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



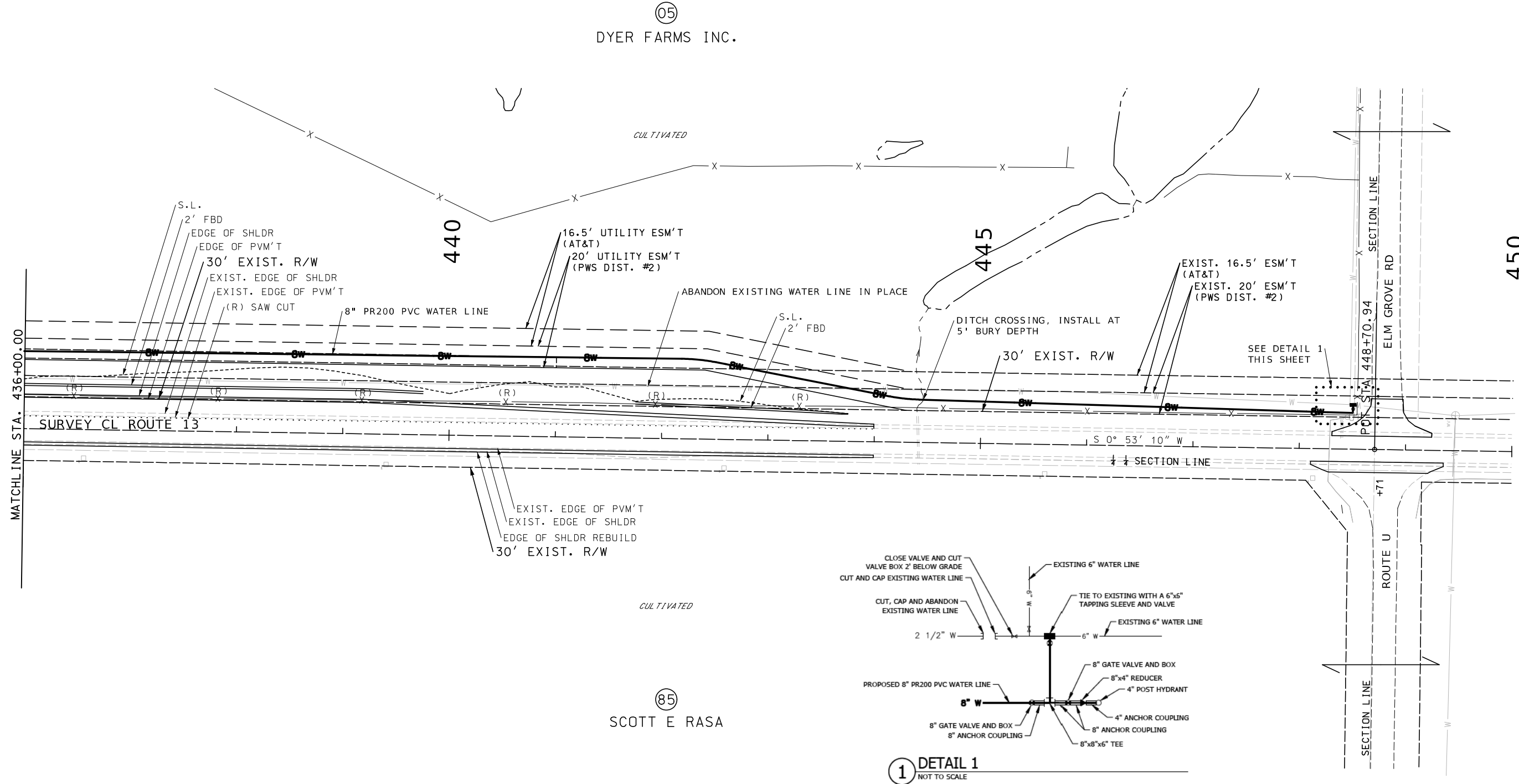
DATE PREPARED 3/29/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W07
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

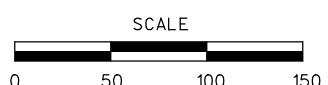
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



1 DETAIL 1
NOT TO SCALE

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

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

PASTURE

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

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

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)

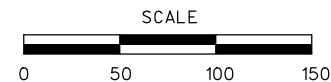
30' EXIST. R/W

135

BARRY N &
DORIS J WEAVER
NO ACQUISITION

KENNETH &
AMIEE DRURY
NO ACQUISITION

NE 1/4
SEC 2
T47N R26W



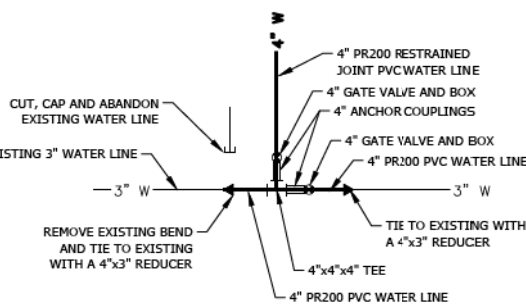
NOTE 1 - CLOSE VALVE, CUT VALVE BOX 2' BELOW GRADE

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

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

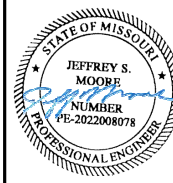
1 DETAIL 1
NOT TO SCALE

PERM. ESM'T
(DRAINAGE)
2,200 SF



2 DETAIL 2
NOT TO SCALE

JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 1



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

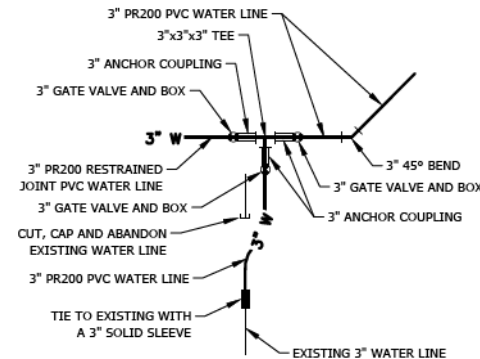
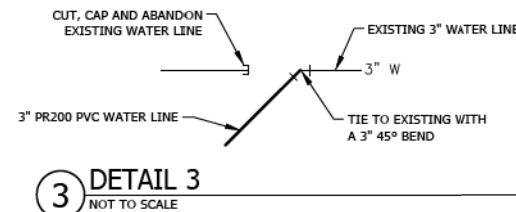
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



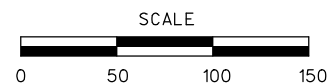
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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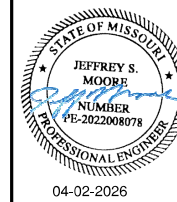


2 DETAIL 2
NOT TO SCALE



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

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

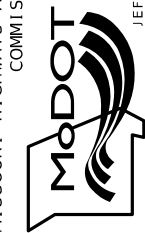
COUNTY
LAFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

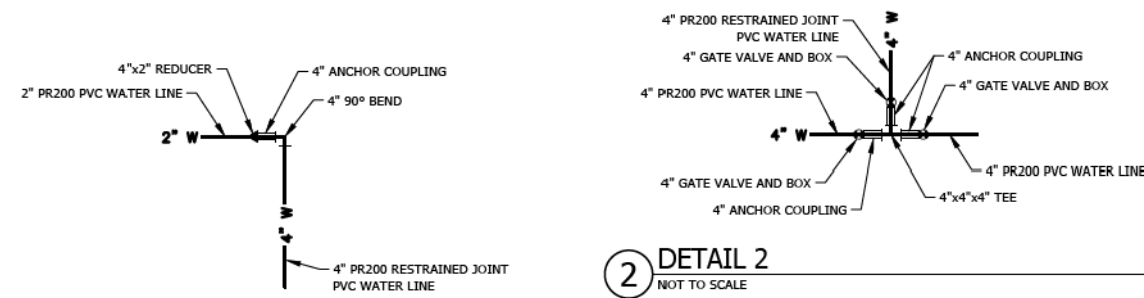
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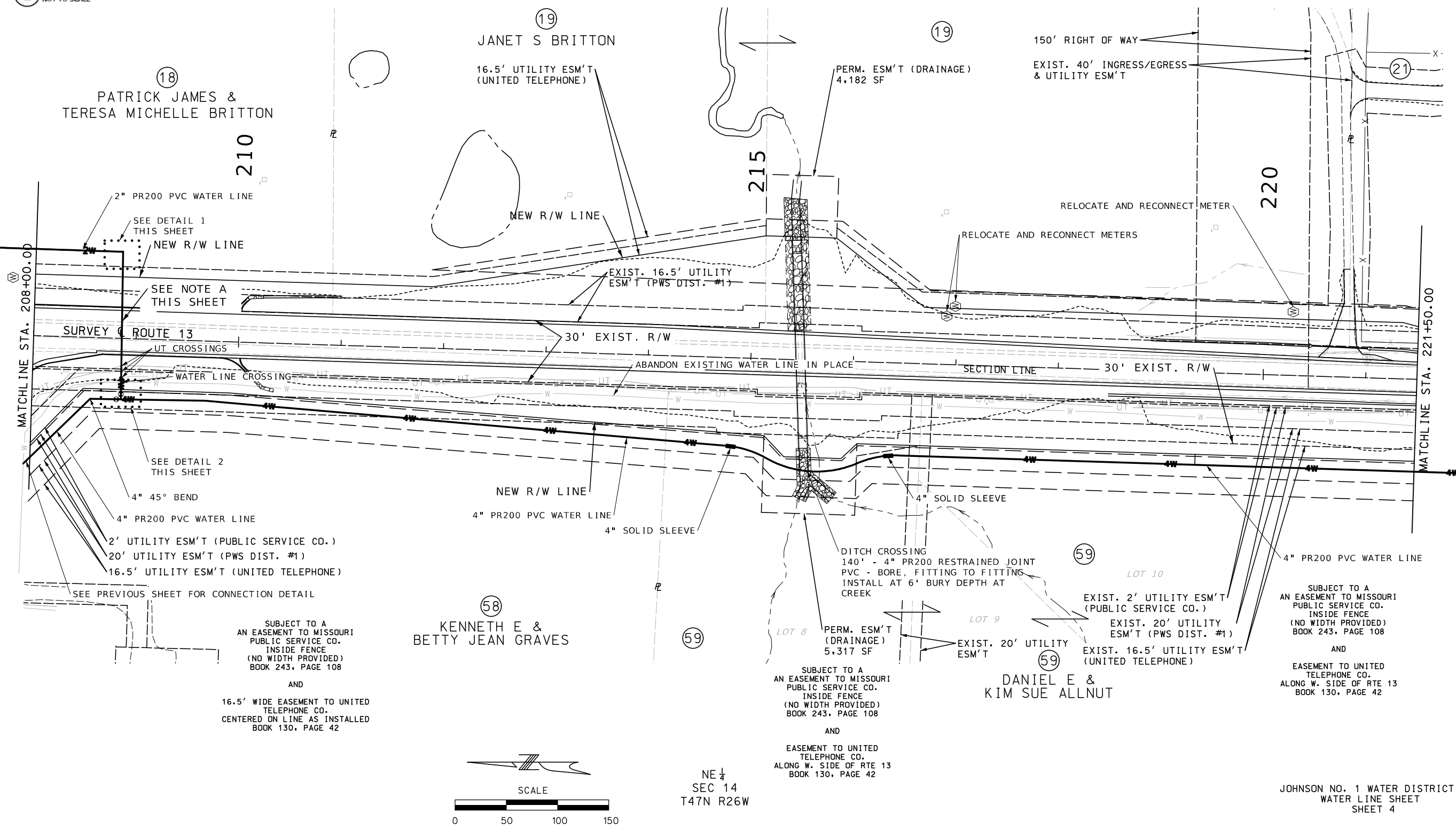
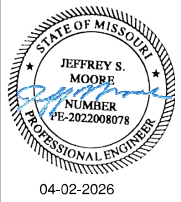




NW 1/4 NW 1/4
SEC 13
T47N R26W

21
JOHN ALAN EPPS &
MELISSA RACHEL MCCONNELL

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



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

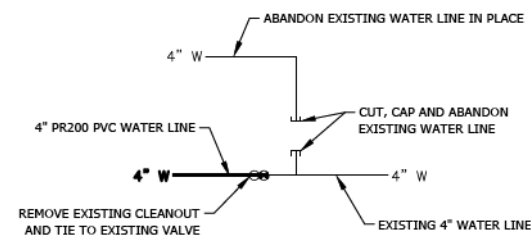
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

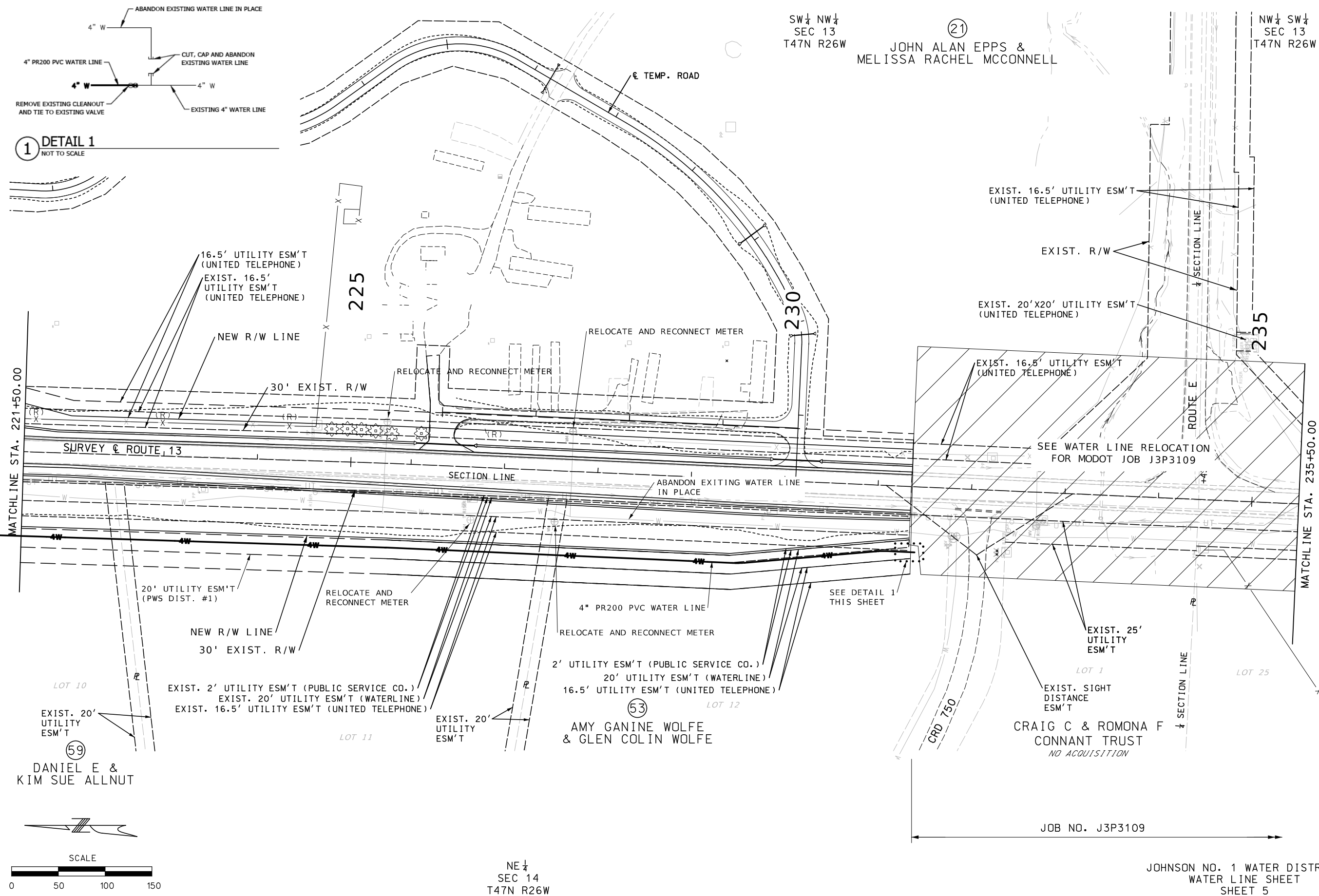
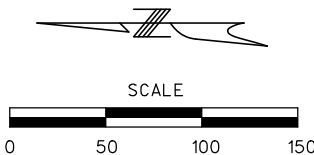
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1 DETAIL 1
NOT TO SCALE

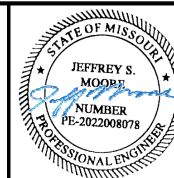


NE 1/4
SEC 14
T47N R26W

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

(21)
JOHN ALAN EPPS &
MELISSA RACHEL MCCONNELL

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



04-02-2026

DATE PREPARED
4/1/2026

ROUTE	STATE
13	MO
DISTRICT	SHEET NO.
KC	W05

COUNTY
LAFAYETTE / JOHNSON
JOB NO.
J4P2333
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

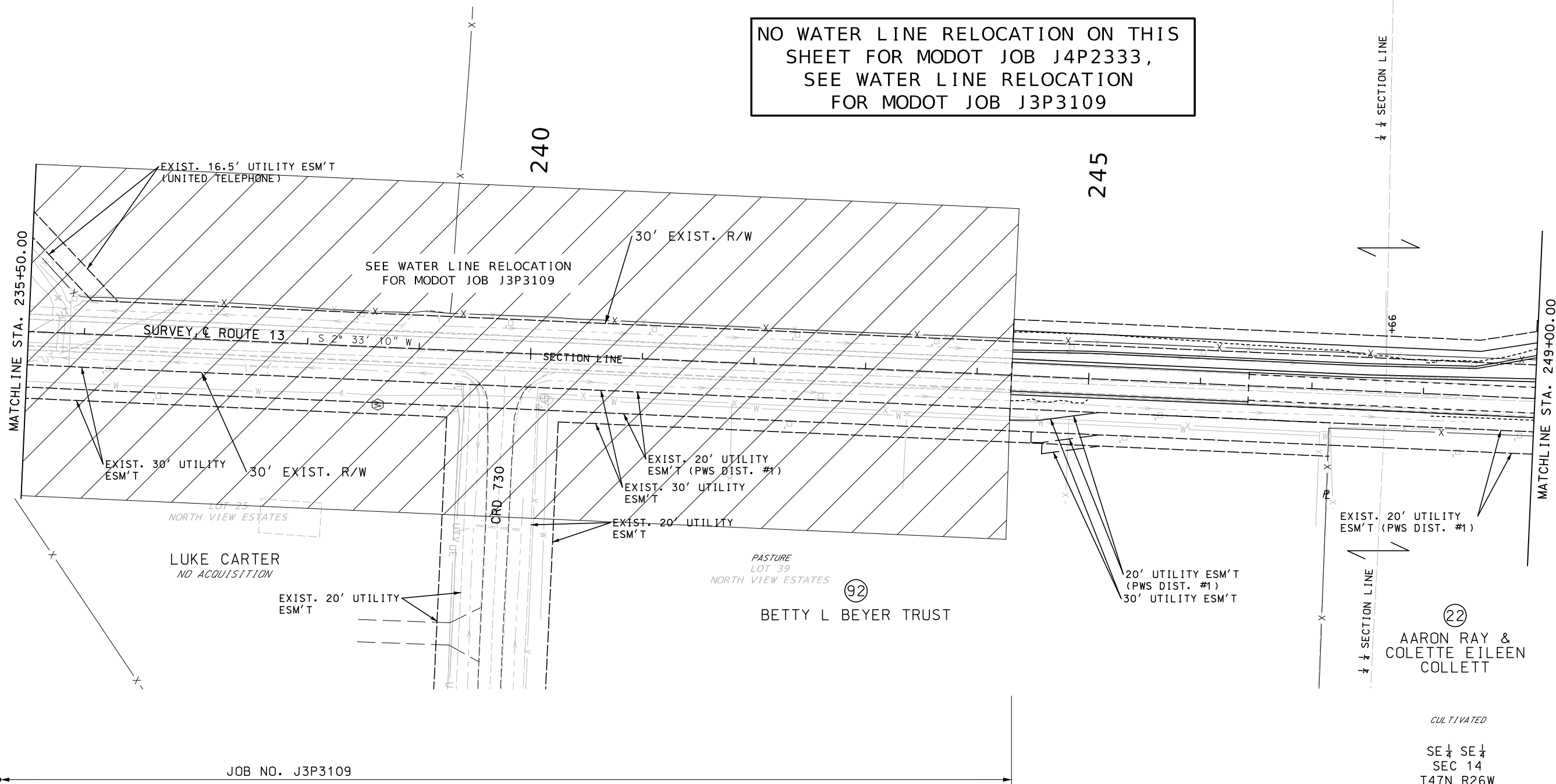
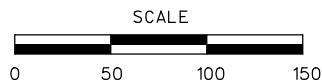
CULTIVATED

(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

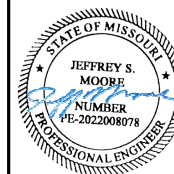


NE 1/4 SE 1/4
SEC 14
T47N R26W

CULTIVATED

SE 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

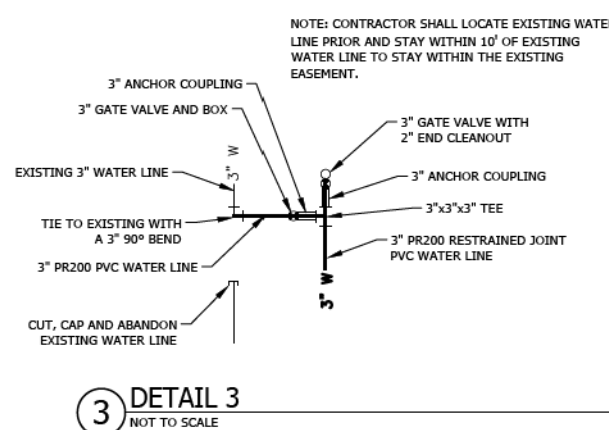
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



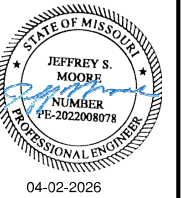
105 WEST CAPITAL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-634-3161
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



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



DATE PREPARED
/1/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W-14

COUNTY
AFAYETTE / JOHNSON
JOB NO.
J4P2333
CONTRACT ID.

PROJECT NO.

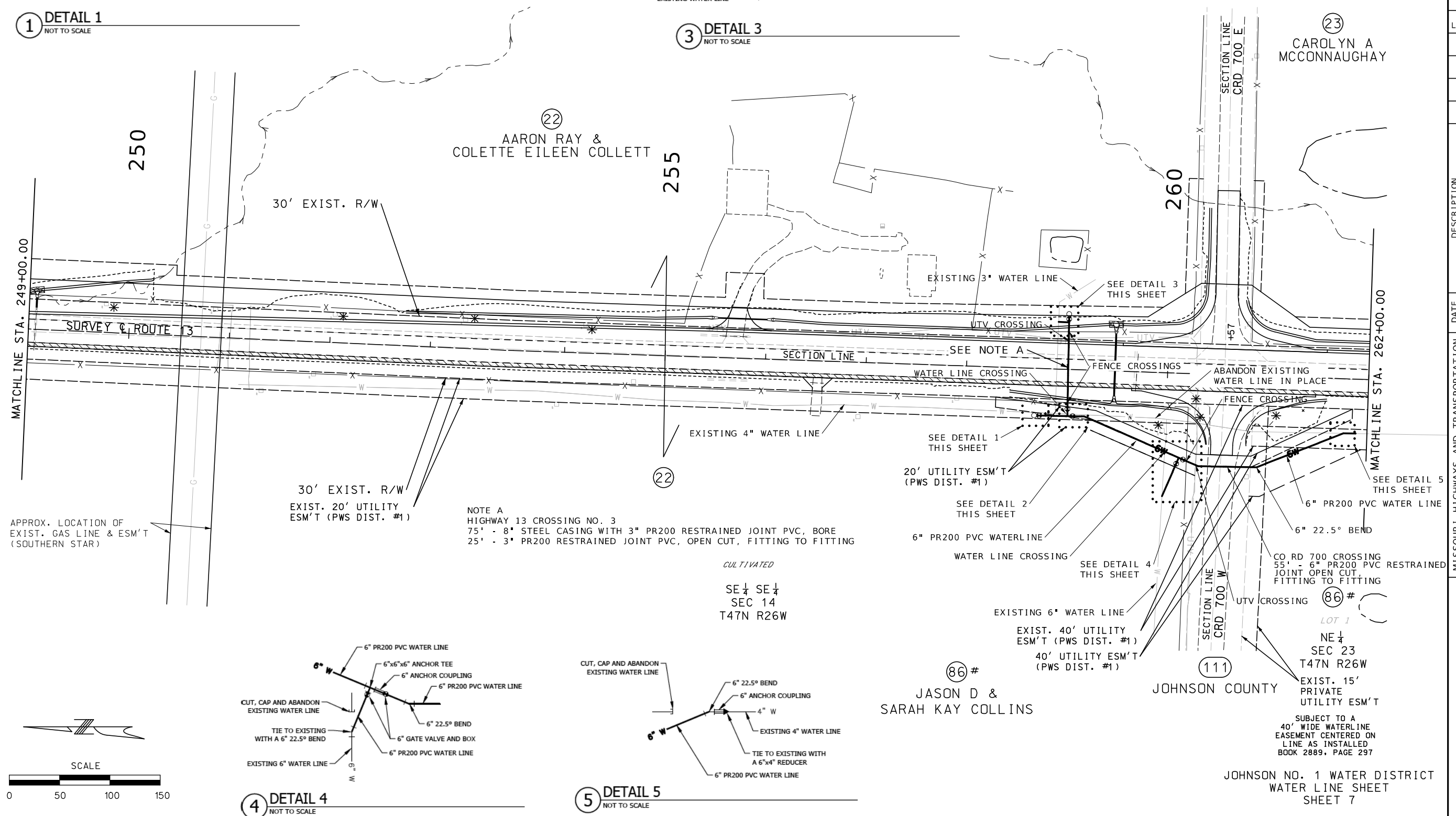
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

Bartlett & West

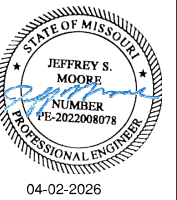
PHONE 573-334-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





(23)
CAROLYN A MCCONNAUGHAY

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



DATE PREPARED
4/1/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W-15

COUNTY
AFAYETTE / JOHNSON

JOB NO.
J4P2333

CONTRACT ID.

BRIDGE NO.

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888-444-4444



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000167
EST.COM

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PHONE 5
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J.BARTI

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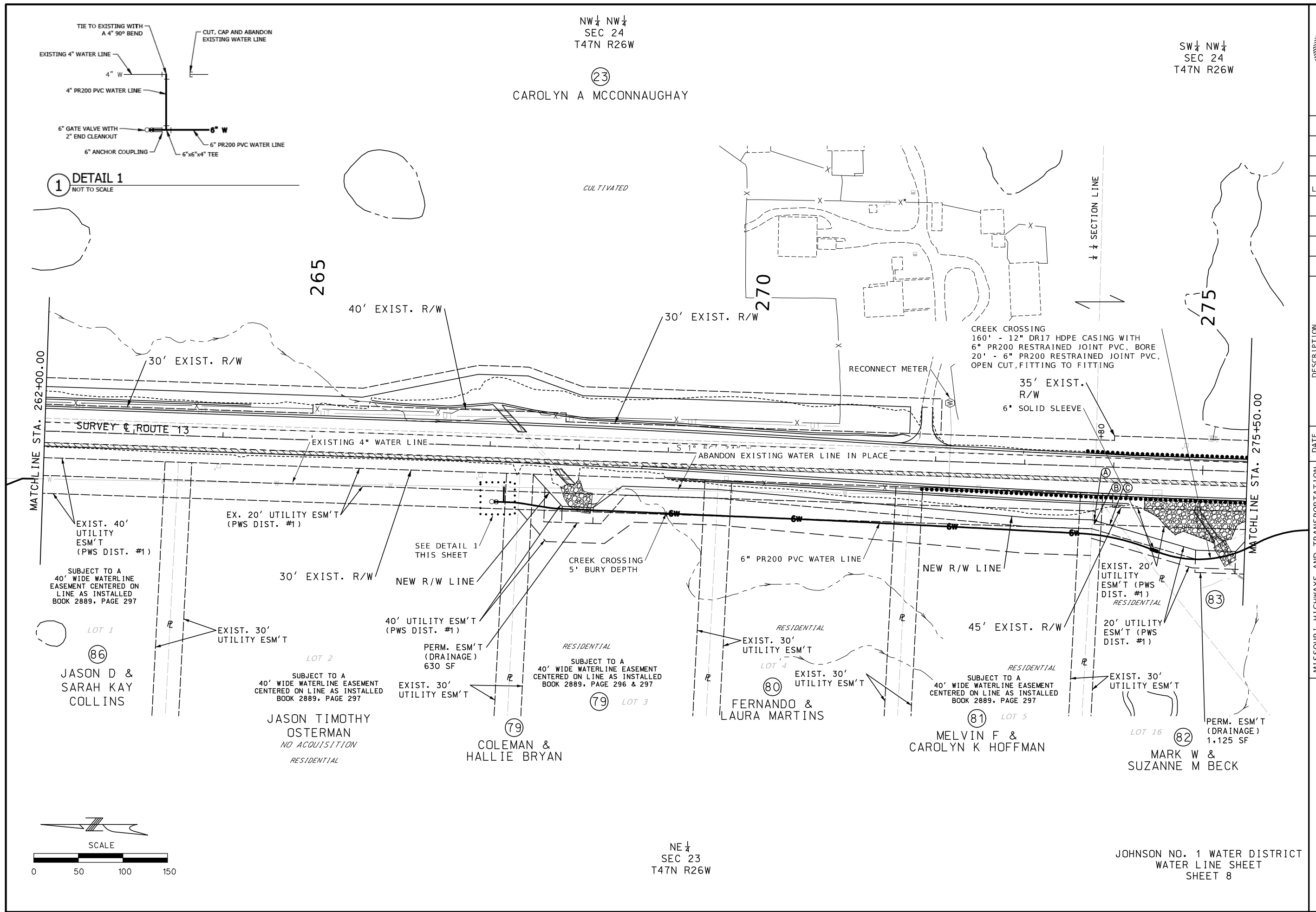
601 M

CERTI



6 PM 4/1/2026

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

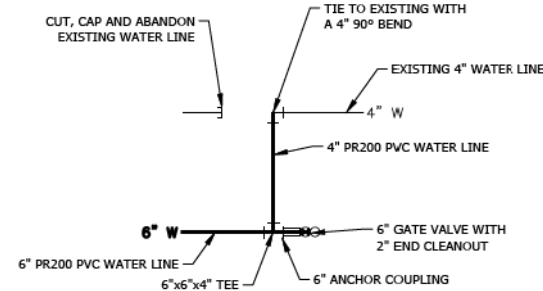




SW 1/4 NW 1/4
SEC 24
T47N R26W

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

45' 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

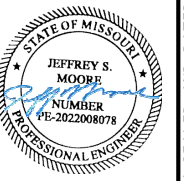
NE 1/4 SE 1/4
SEC 23
T47N R26W

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



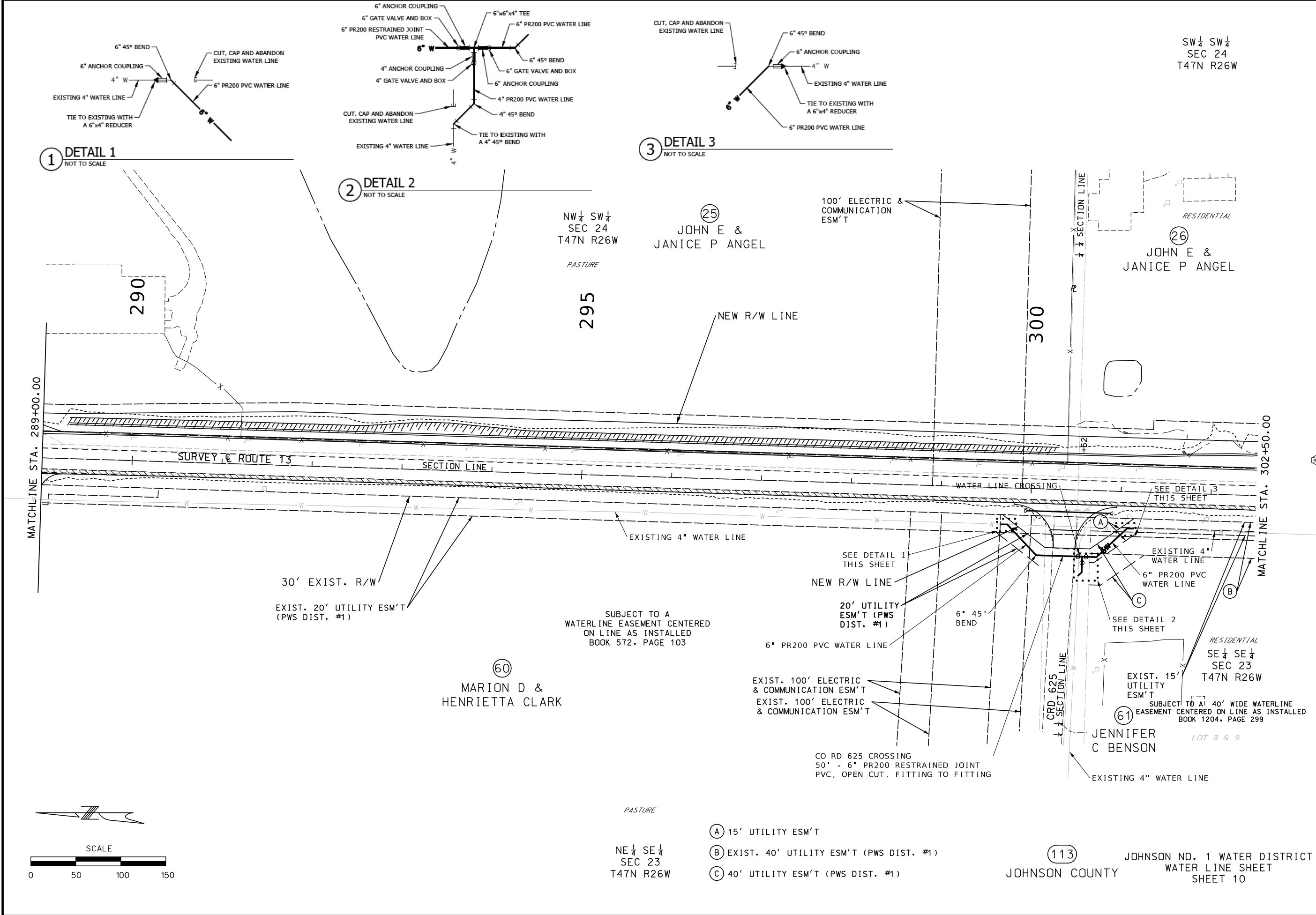
DATE PREPARED
4/1/2026
ROUTE 13 STATE MO
DISTRICT KC SHEET NO. W-16
COUNTY LAFAYETTE / JOHNSON
JOB NO. J4P2333
CONTRACT ID.

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
WWW.BARTLETTWEST.COM



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

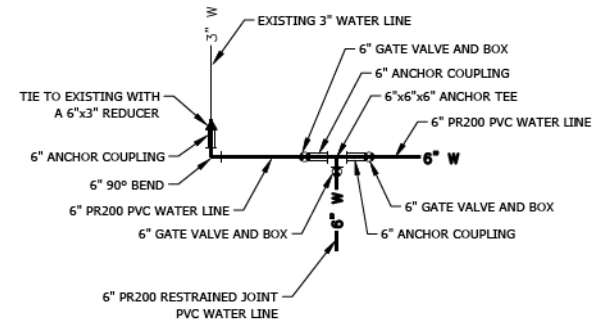
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101

PHONE 572-634-3161

CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING

WWW.BARTLETTWEST.COM

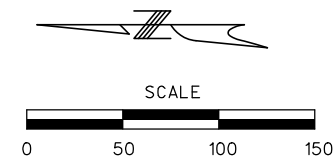
pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/18000/18429.003 - PWSD 1 Johnson Co Rte 13 Water Main Rel/OpenRoads Designer/plan_sheets/3_Final Plans/Johnson 1/Water_29_J4P2333_150.dgn 4:02:30 PM 4/1/2026



NW ¼ NW ¼
SEC 25
T47N R26W

2 DETAIL 2
NOT TO SCALE

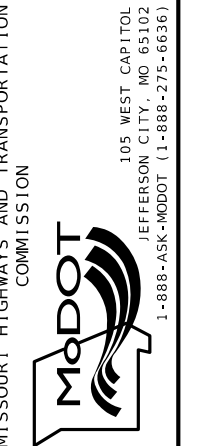
1 **DETAIL 1**
NOT TO SCALE



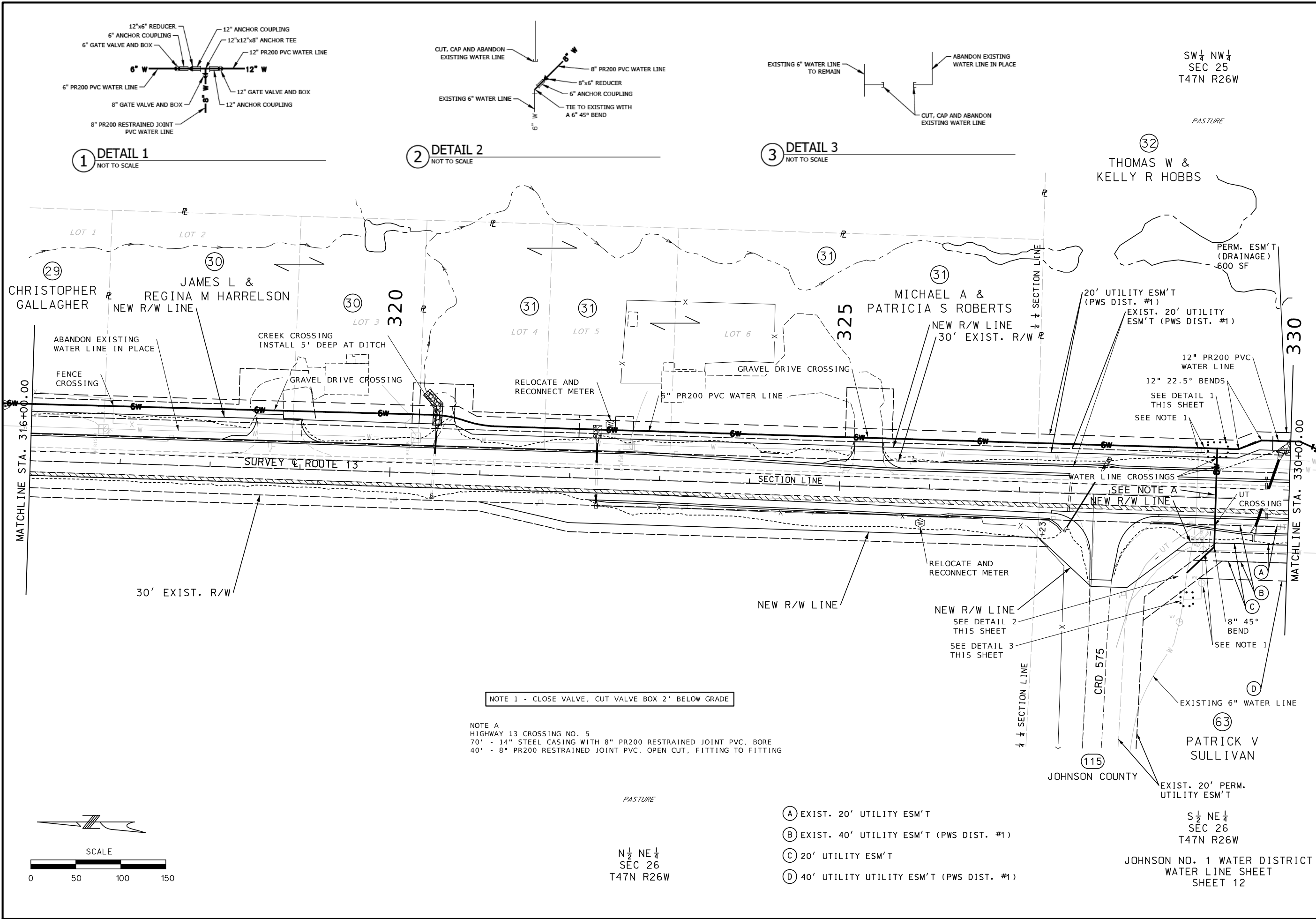
(A) EXIST. 20' UTILITY ESM'T (PWS DIST. #1)
(B) MAILBOX TURNOUT

N $\frac{1}{2}$ NE $\frac{1}{4}$
SEC 26
T47N R26W

JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 11



Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3161
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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STATE OF MISSOURI

JEFFREY S. MOORE

PROFESSIONAL ENGINEER

NUMBER 16-202208071

04-02-2026

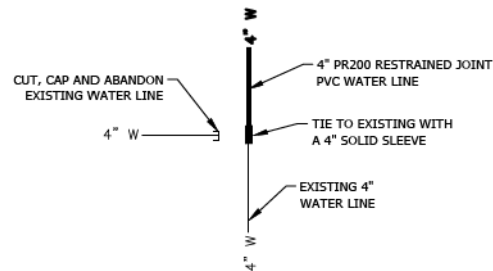
DATE PREPARED 4/1/2026	
ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W-19
COUNTY LAFAYETTE / JOHNSON	
JOB NO. J4P2333	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

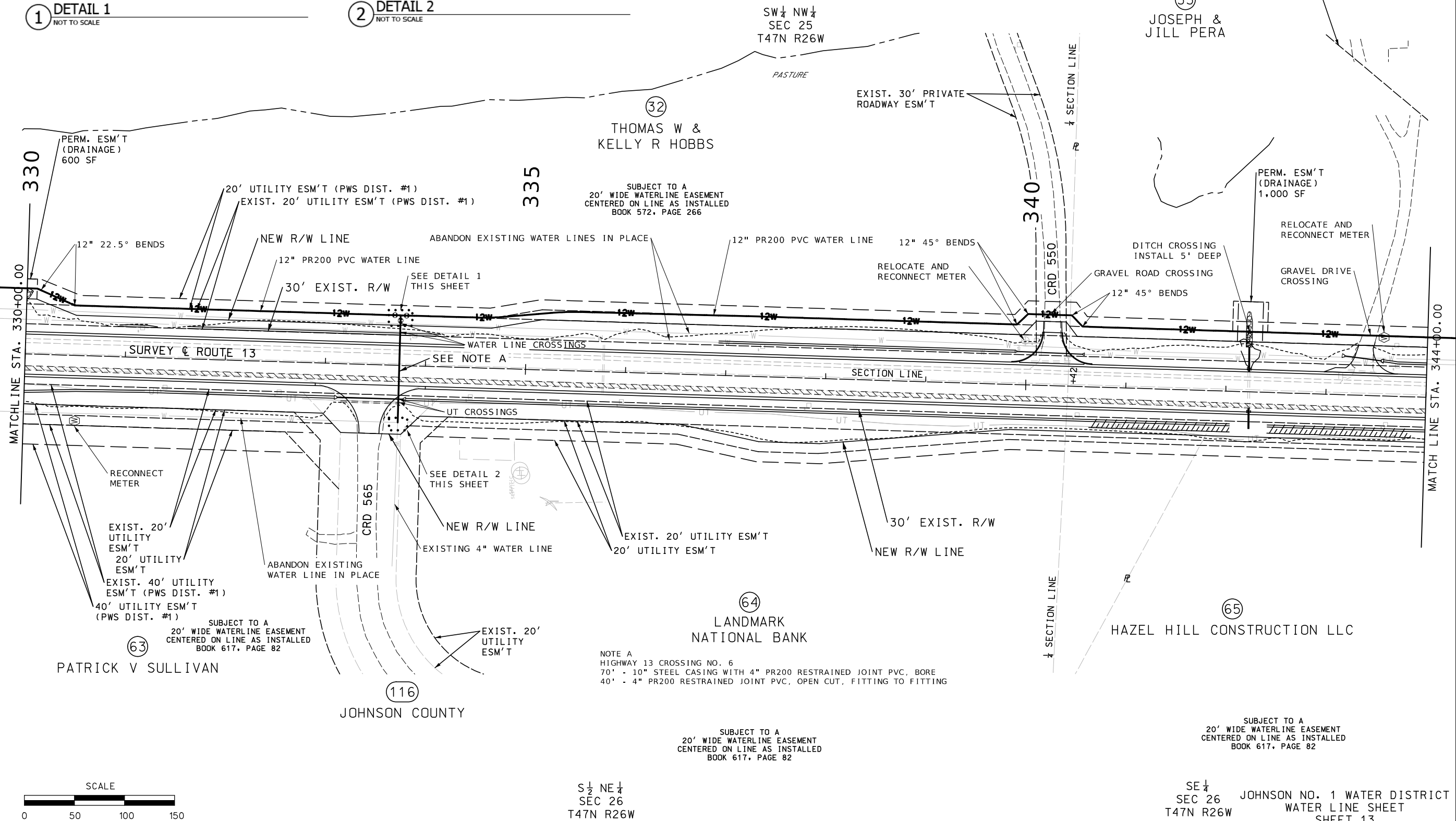
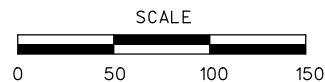
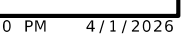
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

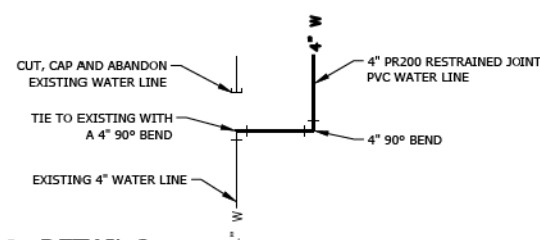
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 572-634-3161
CERTIFICATE OF AUTHORITY NO. 000107 - ENGINEERING
WWW.BARTLETTWEST.COM



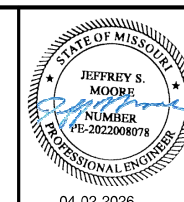
1 DETAIL 1
NOT TO SCALE

2 DETAIL 2
NOT TO SCALE





BOYD O &
PATRICIA M STEVENSON



DATE PREPARED
4/1/2026

ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W-21

COUNTY
LAFAYETTE / JOHNSON

JOB NO.	J4P2333
CONTRACT ID.	

PROJECT NO.	
-------------	--

BRIDGE NO.

BRIDGE NO.							

[illegible]

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 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

1 DETAIL 1
NOT TO SCALE

NW $\frac{1}{4}$ SW $\frac{1}{4}$
SEC 25
T47N R26W

36
CLAYTON P &
LESLIE D BURGIN
RESIDENTIAL

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

2 DETAIL 2
NOT TO SCALE

34
WILLIAM C &
EDNA M BAGINSKY
SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 572, PAGE 266

(35)
DEVIN LAWRENCE &
SHELBY JO SPROSTON
SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 572, PAGE 266

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

(37)

HELEN C MISNER

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

2

(38)

(C) SUMMIT
PROPERTIES, VI IN

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

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

345

GRAVEL DRIVE CROSSING

RESIDENTIAL

12" PR200 PVC WATER LINE

RELOCATE AND RECONNECT METER

30' EXIST. R/W

20' UTILITY ESM'T
(PWS DIST. #1)
EXIST. 20'
UTILITY ESM'T
(PWS DIST. #1)
RELOCATE AND
RECONNECT METER
NEW R/W LINE
GRAVEL DRIVE
CROSSING

12" 45° BEND

RELOCATE AND RECONNECT METER

CRD 523 (PRIVATE)

355

GRAVEL DRIVE CROSSING

RELOCATE AND RECONNECT METER

GRAVEL DRIVE
CROSSING

MATCHLINE STA. 344+00.00

SURVEY & ROUTE 13

EXIST. 20'
UTILITY ESM'T
20' UTILITY ESM'T

RESIDENTIAL

65

HAZEL HILL
CONSTRUCTION LLC

SUBJECT TO A
20' WIDE WATERLINE EASEMENT
CENTERED ON LINE AS INSTALLED
BOOK 617, PAGE 82

EXIST. 15'
UTILITY
ESM' T

(66) LOT 12
 DOROTA
 KRZYZOSTANIAK

EXIST. 40'
INGRESS/EGRESS
ROADWAY ESM' T

EXIST. 20' UTILITY ESM'T

DAVID &
VALERIE GRISDALE

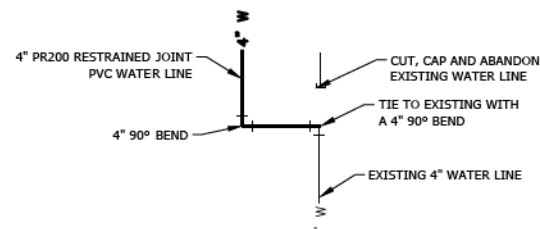
EXIST. 15' UTILITY ESM'T

(68)
HANK & JENNIFER
BORGHARDT

JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 14

NOTE 1 - CLOSE VALVE, CUT VALVE BOX 2' BELOW GRADE

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



ROUTE 13	STATE MO
DISTRICT KC	SHEET NO. W-22

COUNTY
AFAYETTE / JOHNSON

JOB NO.
J3P2333

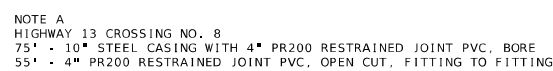
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PROJECT NO.

BRIDGE NO.

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Bartlett & West
801 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-534-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



NE $\frac{1}{4}$ NE $\frac{1}{4}$
SEC 35
T47N R26W

JOHNSON NO. 1 WATER DISTRICT
WATER LINE SHEET
SHEET 15

