

DESIGN DESIGNATION

A.A.D.T. - 2026 = 1062
A.A.D.T. - 2036 = 1174
D.H.V. = 8.87%
T = 5.90%
V = 55 M.P.H.
D = 41.9%/58.1%

FUNCTIONAL CLASSIFICATION-MINOR COLLECTOR

NORMAL ACCESS

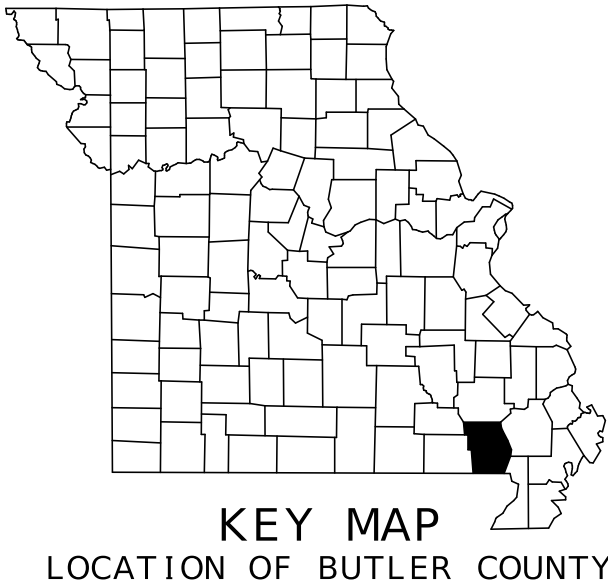
CONVENTIONAL SYMBOLS
(USED IN PLANS)

	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

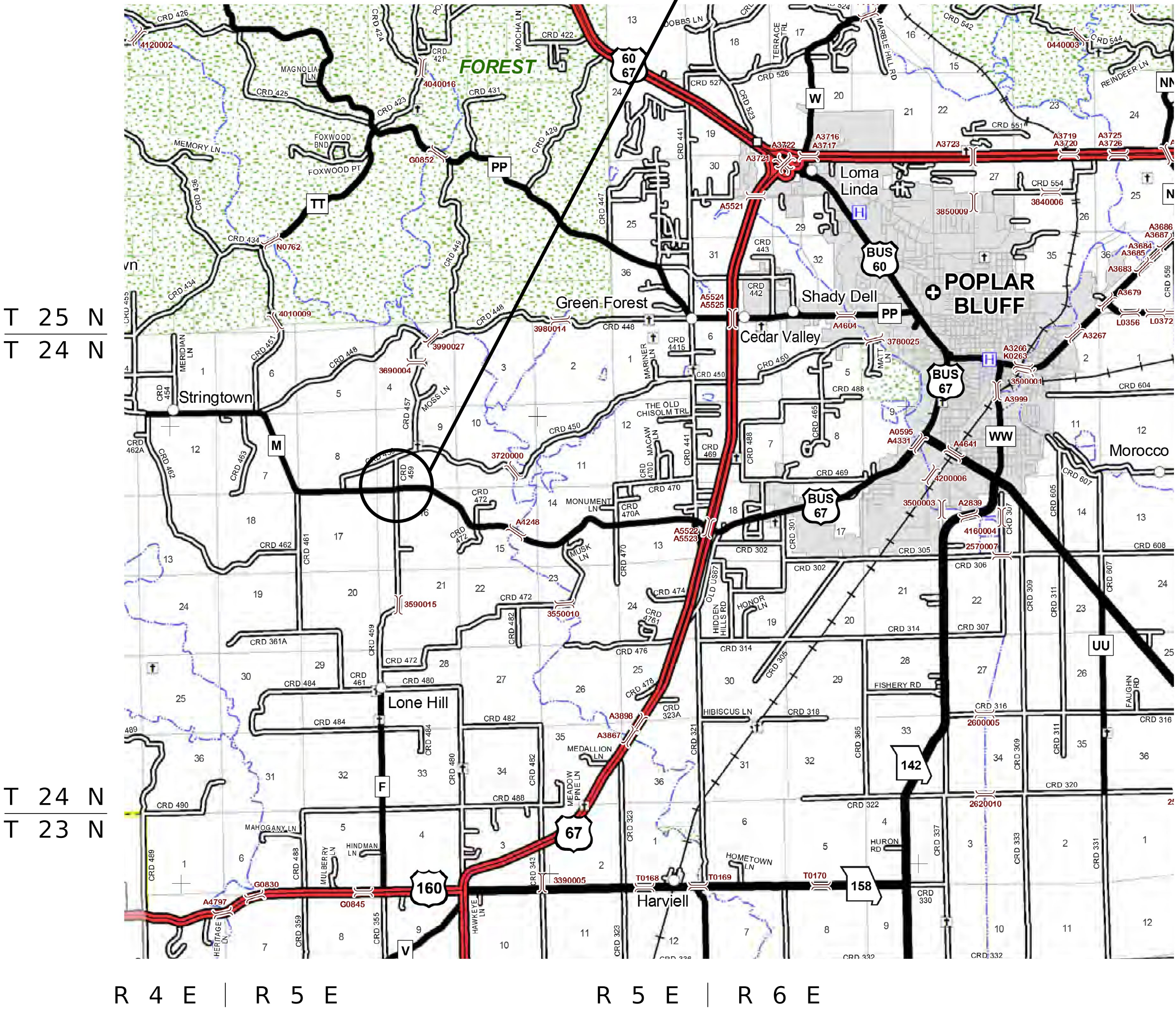
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY

BUTLER COUNTY



KEY MAP
LOCATION OF BUTLER COUNTY

PROJECT LOCATION
INTERSECTION IMPROVEMENT



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) -----	2
QUANTITIES (QU) (2 SHEETS)-----	3
PLAN-PROFILE (PP)-----	4-5
COORDINATE POINTS (CP)-----	6
SPECIAL SHEETS (SS)-----	7-8
TRAFFIC CONTROL SHEETS (TC)-----	9
EROSION CONTROL SHEETS (EC)-----	10
SIGNING (SN)-----	11
CULVERT SECTIONS (CS)-----	12
CROSS SECTIONS (XS)-----	1-10

LENGTH OF PROJECT

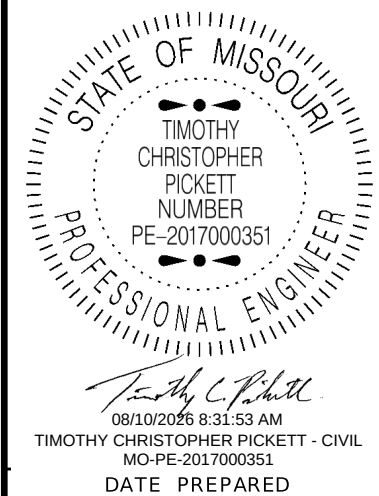
BEGINNING OF PROJECT	STA. 239 + 00.83
END OF PROJECT	STA. 250 + 62.43

APPARENT LENGTH 1161.60 FEET

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS	0 FEET
NET LENGTH OF PROJECT	1161.60 FEET
STATE LENGTH	0.220 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0.75 ACRES



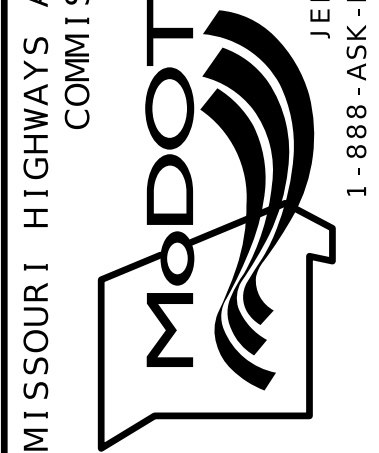
8/5/2026
ROUTE M STATE MO
DISTRICT SE SHEET NO. 1

COUNTY BUTLER
JOB NO. J9S3453
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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



REV.

STATE OF MISSOURI

TIMOTHY
CHRISTOPHER
PICKETT
NUMBER
PE-2017000351

PROFESSIONAL ENGINEER

Timothy C. Pickett

08/10/2025 8:42:53 AM

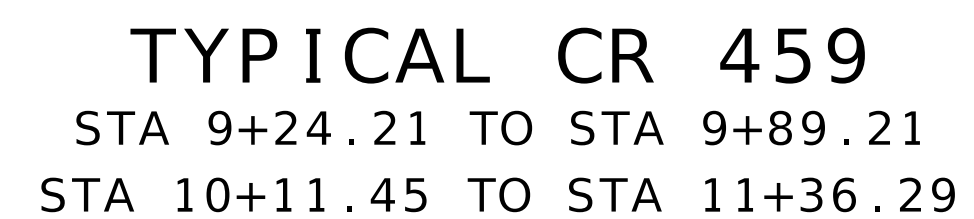
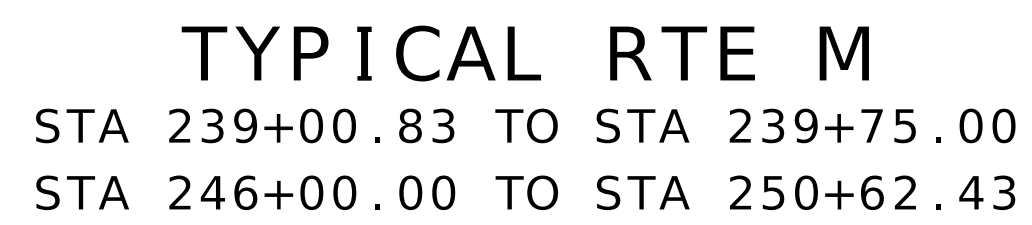
TIMOTHY CHRISTOPHER PICKETT - CIVIL

ROUTE M	STATE MO
DISTRICT SE	SHEET NO. 2

PROJECT NO.
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

TYPICAL SECTIONS
SHEET 1 OF 1



SEE STANDARD 609.00 FOR CURB & GUTTER
DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

BASE AND PAVEMENT											
STA	STA	LOC	LENGTH FT	WIDTH FT	DEPTH IN	MILL/FILL BP - 2 2.074 TON/CY		OPTIONAL PAVEMENT ROADWAY SY	6" TYPE 5 AGGR SY	TACK 0.10 GAL/SY GAL	REMARKS
						CY	TON				
239+00.83	239+75.00	☐	74.17	26	1	6.07	12.59			21.4	EAST MILL/FILL TIE
239+75.00	241+38.34	☐	163.43	26				472.13	472.2		RTE M EAST OF CR 459
241+38.34	246+00.00	☐	461.57	22				1128.28	1411.7		RTE M WEST OF CR 459
246+00.00	250+62.43	☐	462.43	26	1	37.85	78.50			133.6	WEST MILL/FILL TIE
9+24.21	9+89.21	☐	65.00	VAR				170.69	170.7		CR 459 NORTH
10+11.45	11+36.29	☐	124.84	VAR				283.87	283.9		CR 459 SOUTH
						TOTAL	91.1	2055.0	2339	155	

SEEDING AND MULCHING					
STA	STA	LOC	SEED COOL SEASON AC	MULCH AC	REMARKS
239+75.00	246+00.00	LT & RT	0.28	0.28	RTE M
9+24.21	11+36.29	LT & RT	0.08	0.08	CR 459
		TOTAL	0.4	0.4	

DRIVEWAYS																
SHEET	STA	LOC	TYPE	GRADE	SKEW	CUT DEPTH	SLOPE	WIDTH LF	LENGTH LF	AGG DEPTH IN	OPTIONAL PAVEMENT DRIVEWAY SY	GRAVEL A OR CRUSHED STONE B 1.75 TON/CY TON	LINEAR GRADING CLASS 2 STA	APPROX EARTHWORK		REMARKS
						FT								CUT CY	FILL CY	
4	243+48.73	RT	I	7.66%	2 LA	6	3:1	20	64.2	4	40.68	19.9	0.7	684	0	
4	243+68.66	LT	I	9.64%	6 LA	7	3:1	20	31.9	0	70.89	0.0	0.4	207	0	
4	244+07.36	RT	I	7.00%	2 LA	6	3:1	20	65.9	4	40.30	20.7	0.7	611	0	
										TOTAL	151.9	41	1.8	1502	0	
OPTIONAL PAVEMENT FOR DRIVEWAYS SHALL BE COMPOSED OF 5.75" PMBB OR 5.75" NRPCCP.																

MOBILIZATION - LUMP SUM 1

TEMPORARY EROSION CONTROL									
SHEET	STA	STA	LOCATION	SILT FENCE LF	ROCK DITCH CHECK LF	SEDIMENT REMOVAL CY	TEMP SEED AC	MULCH AC	REMARKS
10	9+24.21	9+75.00	LT & RT		106	11			CR 459 N OF RTE M
10	10+25.00	11+36.18	LT & RT		100	10			CR 459 S OF RTE M
10	239+75.00	241+10.00	LT & RT		373	37			RTE M
10	241+70.00	246+00.00	RT	546		5	0.10	0.10	
10	241+89.00	246+00.00	LT	443		5	0.10	0.10	
			TOTAL	989	579	68	0.2	0.2	

REMOVAL OF IMPROVEMENTS - LUMP SUM 1					
STA	STA	LOC	DESCRIPTION	QUANTITY	REMARKS
239+75.00	246+00.00	☐	RTE M FULL DEPTH PAVEMENT	1800 SY	
241+21.00		LT	STOP SIGN	1 EACH	
241+37.00		LT & RT	CULVERTS	101 LF	
241+52.00		RT	STOP SIGN	1 EACH	
241+72.00		LT	CR 459 SIGN	1 EACH	REMOVE AND REPLACE
243+60.00	243+80.00	RT	MAILBOX POSTS	4 EACH	
9+24.21	9+89.21	☐	CR 459 FULL DEPTH PAVEMENT	150 SY	NORTH OF RTE M
10+11.45	11+36.29	☐	CR 459 FULL DEPTH PAVEMENT	250 SY	SOUTH OF RTE M
LOCATIONS AND QUANTITIES ARE APPROXIMATE FOLLOW SEC 202.30					

COLDMILLING							
STA	STA	LOC	LENGTH FT	WIDTH FT	DEPTH IN	COLDMILLING ≤3" SY	REMARKS
239+00.83	239+75.00	☐	75	26	1	216.7	BEGIN PROJECT
246+00.00	250+62.43	☐	463	26	1	1337.6	END PROJECT
					TOTAL	1555	

CURB AND GUTTER TYPE A						
SHEET	STA	STA	LOC	CURB AND GUTTER LF	TYPE A GUTTER LF	REMARKS
4	241+75.00	246+00.00	LT	395.0	15.0	
4	241+70.00	246+00.00	RT	350.0	15.0	
			TOTAL	745	30	

EARTHWORK							
STA	STA	CUT CY	FILL CY	CLASS A EXCAVATION CY	COMPACTING EMBANKMENT CY	COMPACTING IN CUT STA	REMARKS
239+75.00	246+00.00	1147	335	1146.5	334.2	6.25	RTE M
9+24.21	9+89.21	13	16	12.6	15.7	0.65	CR 459 N OF RTE M
10+11.45	11+36.30	14	71	14.0	70.5	1.25	CR 459 S OF RTE M
			TOTAL	1174	421	8.2	
ANY EXCESS MATERIAL SHOULD BE DISPOSED OF BY CONTRACTOR OFF MODOT RIGHT OF WAY.							

TYPE 1 ROCK DITCH LINER				
STA	LOC	FURNISHING CY	PLACING CY	REMARKS
241+59.51	LT & RT	0.8	0.8	5' AT FLUME ENDS
246+07.00	LT & RT	1.1	1.1	7' AT FLUME ENDS
	TOTAL	2	2	

PAVEMENT MARKING			
LOC	WATERBORNE PAINT		REMARKS
	YELLOW	WHITE	
	4 "	4 "	
	SOLID LF	SOLID LF	
RTE M	2324 .0	2064 .0	
TOTAL	2324	2064	
SEE JSP FOR CONTRACTOR'S RESPONSIBILITY TO CREATE A PAVEMENT MARKING LOG PRIOR TO ANY CONSTRUCTION OPERATIONS THAT MAY AFFECT EXISTING PAVEMENT MARKING.			

MAILBOX POST				
STA	STA	LOC	WOOD POST LF	REMARKS
243+60.00	243+80.00	RT	32.0	POSTS - 8' LONG
		TOTAL	32	

CLEARING AND GRUBBING				
STA	STA	LOC	ACRE	REMARKS
239+75.00	246+00.00	LT & RT	VAR	
		TOTAL	VAR	
AS DIRECTED BY ENGINEER - NO DIRECT PAY				



DATE PREPARED	
8/10/2026	
ROUTE	STATE
M	MO
DISTRICT	SHEET NO.
SE	3
COUNTY	
BUTLER	
JOB NO.	
J9S3453	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

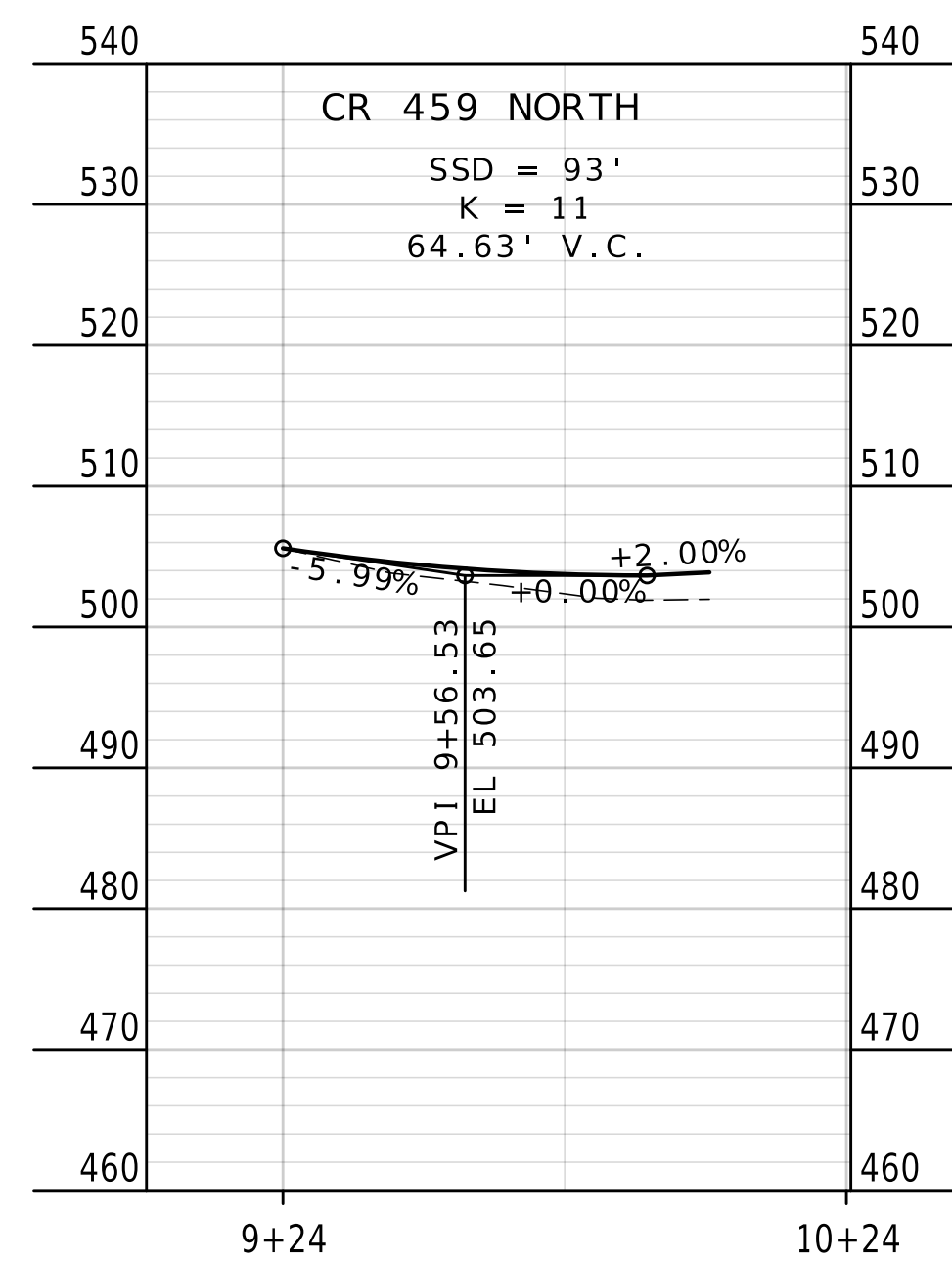
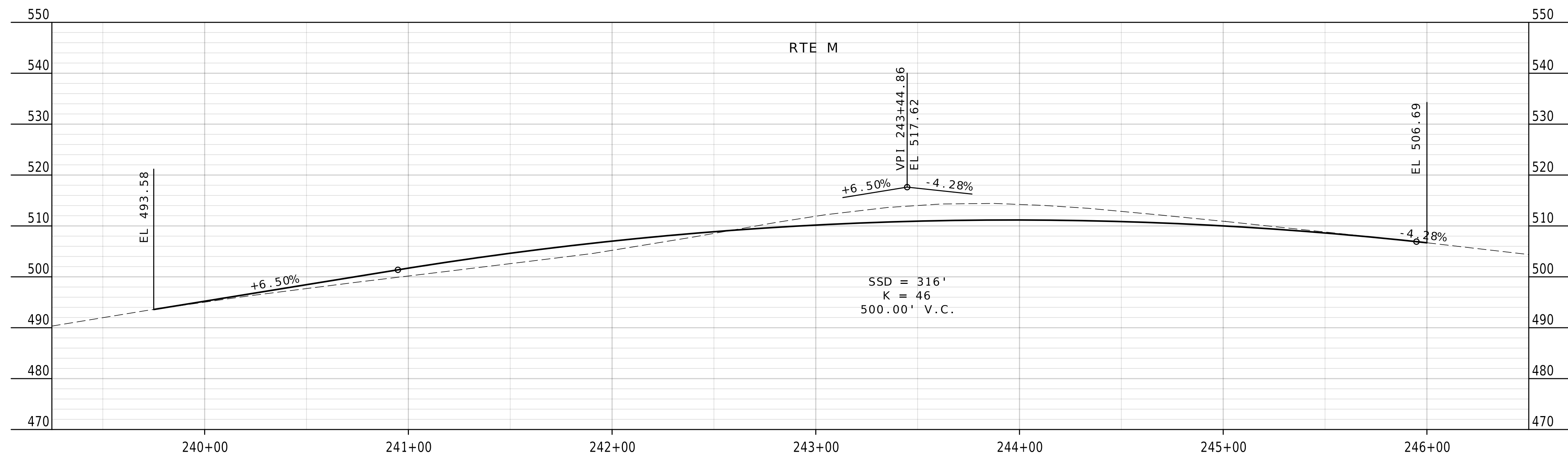
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

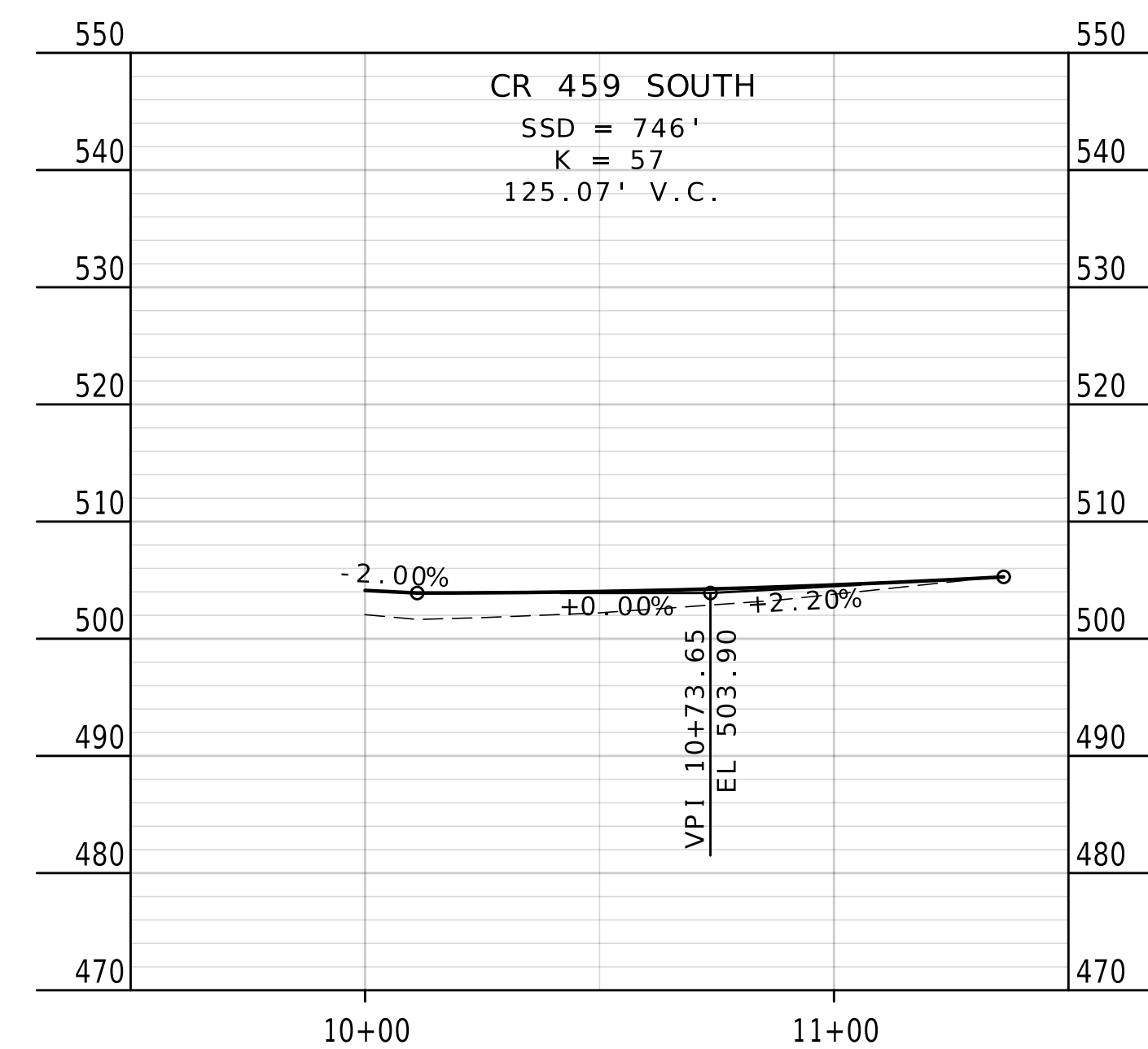
SUMMARY OF QUANTITIES
SHEET 1 OF 2

SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	RELOC	SIGN	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2025	
	IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.	NO.			IN.	SQ.FT.	EACH	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						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						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						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						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		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	50	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	20	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						SPEED LIMIT XX	6161040		FLASHING ARROW PANEL	
WO3-4	48X48	16.00						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		2	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	6161098A		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)			WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6161099		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162000A		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6162002		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)	6173600D		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)			RELOCATING TEMP. TRAFFIC BARRIER	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6173700B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED	
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED			RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)									SIDEWALK CLOSED AHEAD,			RELOCATING TEMP. TRAFFIC BARRIER HEIGHT	
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11L	24X18	3.00						(ARROW LEFT) CROSS HERE	6173706		TEMPORARY RAISED PAVEMENT MARKER	
WO8-6c	48X48	16.00						TRUCK ENTRANCE									SIDEWALK CLOSED AHEAD,	6174000A		TEMPORARY TRAFFIC SIGNALS	
WO8-7	36X36	9.00						LOOSE GRAVEL	R9-11R	24X18	3.00						(ARROW RIGHT) CROSS HERE	6175010A		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	6175011B			
WO8-9	48X48	16.00						LOW SHOULDER	R11-2	48X30	10.00	4	40.00				ROAD CLOSED	6175013			
WO8-11	48X48	16.00						UNEVEN LANES	R11-3a	60X30	12.50	5	62.50				ROAD CLOSED XX MILES AHEAD	6175020A			
WO8-12	48X48	16.00						NO CENTER LINE	R11-4	60X30	12.50						LOCAL TRAFFIC ONLY	6208064A			
WO8-15	48X48	16.00						GROOVED PAVEMENT	CONST-3A	60X48	20.00						ROAD CLOSED TO THRU TRAFFIC	9029400			
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-3X	56X12	4.67						FINE SIGN	9029401			
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	MISCELLANEOUS SIGNS												
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-5	48X36	12.00						POINT OF PRESENCE				
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-5	96X48	32.00						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)	WO4-2L	48X48	16.00						LANE ENDS (SYMBOL-LEFT)				
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)	WO4-2R	48X48	16.00						LANE ENDS (SYMBOL-RIGHT)				



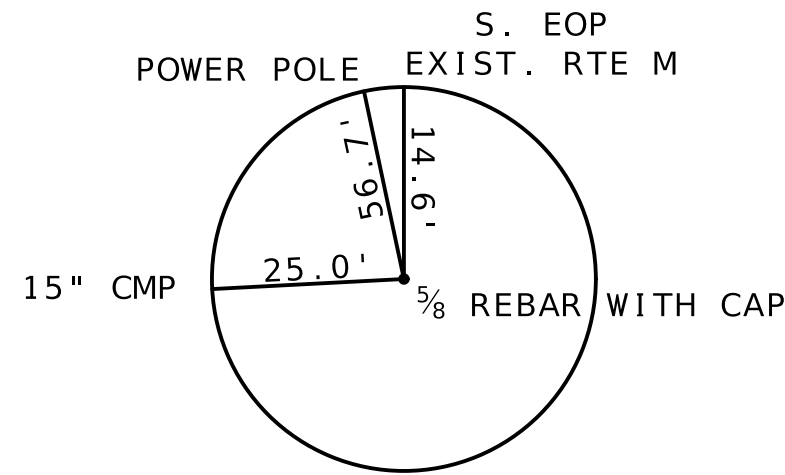
BENCHMARKS

BM 1	ELEV 499.76'	
COTTON PICKER SPINDLE IN S.		
FACE OZARK BORDER PP #41486		
STA. 247+61.56	32.22'	RT
BM 2	ELEV 513.01'	
COTTON PICKER SPINDLE IN S.		
FACE OZARK BORDER PP #41483		
STA. 244+45.31	27.78'	RT
BM 3	ELEV 502.78'	
COTTON PICKER SPINDLE IN S.		
FACE OZARK BORDER POWER POLE		
NE INT RTE M & CR 459		
STA. 241+15.84	29.58'	RT

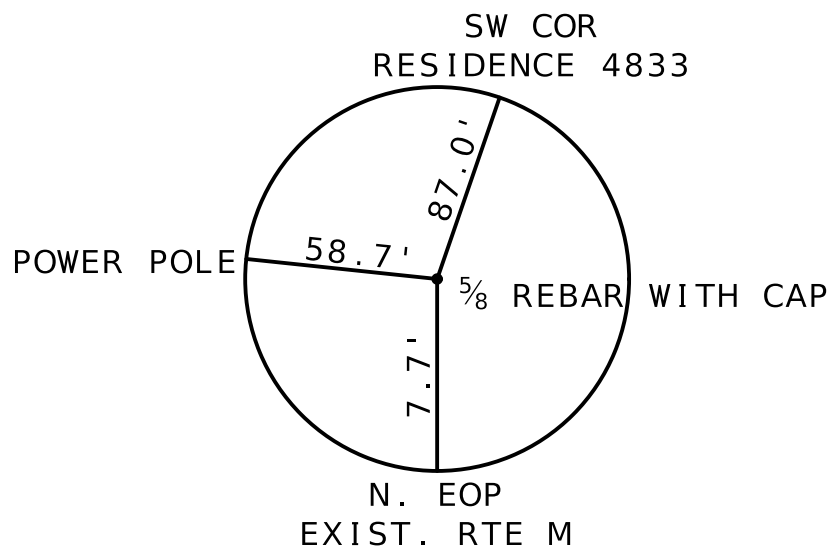


ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.	
PROJECT COORDINATE INFORMATION	
COORDINATE SYSTEM	1983 STATE PLANE - MO EAST
HORIZONTAL DATUM	NAD 83 2011
VERTICAL DATUM	NAVD 88
GEOID MODEL	GEOID18
ELEVATIONS DETERMINED BY	DIFFERENTIAL LEVELING
PROJECT PROJECTION FACTOR	1.00000000
REFERENCE CONTROL INFORMATION	
COORDINATE SYSTEM	1983 STATE PLANE - MO EAST
CONTROL STATION	MODP
DESIGNATION	MODOT DONIPHAN CORS ARP
CORS_ID	MODP
PID	DP2873
LATITUDE	N36°38'42.3921"
LONGITUDE	W90°47'52.7764"
NORTHING (M)	90112.7690
EASTING (M)	223354.0820
ZONE	MO EAST
PROJECT AVERAGE GRID FACTOR	1.00000000
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 #100 N 329036.88 X 1.000000000 = N 329036.88 E 809955.82 X 1.000000000 = E 809955.82	
LINEAR UNIT CONVERSION	
1 METER = 3.280833333 US SURVEY FEET (USFT)	

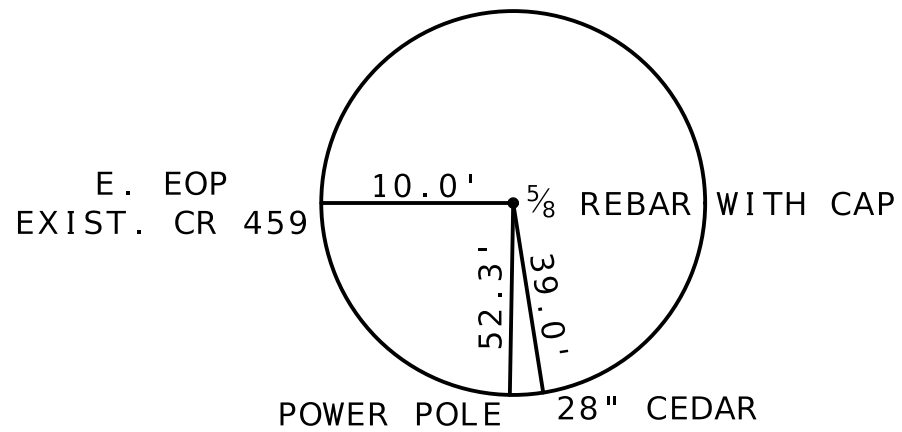
COORDINATE POINT LISTING								
SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND)			DESCRIPTION	GPK POINT ID
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)		
PROJECT CONTROL POINTS								
4	247+50.05	RTE M	22.61' LT	329036.88	809955.82	497.98	5/8 REBAR AND CAP	100
4	243+87.07	RTE M	18.34' RT	329087.74	810316.96	513.68	5/8 REBAR AND CAP	101
4	241+37.23	RTE M	124.83' LT	328974.08	810582.25	504.15	5/8 REBAR AND CAP	102
ALIGNMENTS								
4	238+99.70	RTE M	℄	329127.64	810802.30		PT	
4	242+60.41	RTE M	℄	329082.52	810444.42		PC	
4	246+10.41	RTE M	℄	329060.03	810095.37		PT	
4	239+75.00	RTE M CROWN	℄	329116.57	810727.80		START STA	
4	241+38.34	RTE M CROWN	℄	329097.79	810565.55		INTERSECTION OF RTE M AND CR 459	
4	242+93.15	RTE M CROWN	℄	329079.30	810411.84		PC	
4	244+11.13	RTE M CROWN	℄	329065.48	810294.67		PI	
4	245+28.90	RTE M CROWN	℄	329063.83	810176.71		PT	
4	245+99.85	RTE M CROWN	℄	329062.84	810105.76		END STA	
4	9+24.21	CR 459 N	℄	329173.59	810564.99		START STA	
4	10+00.00	CR 459 N	℄	329097.91	810566.54		END STA	
4	10+00.00	CR 459 S	℄	329097.69	810564.76		START STA	
4	11+36.29	CR 459 S	℄	328961.52	810562.81		END STA	



CONTROL POINT #100
X 809955.82 STA 247+50.05
Y 329036.88 OFF 22.61' LT
Z 497.98



CONTROL POINT #101
X 810316.96 STA 243+87.07
Y 329087.74 OFF 18.34' RT
Z 513.68



CONTROL POINT #102
X 810582.25 STA 241+37.23
Y 328974.08 OFF 124.83' LT
Z 504.15

STATE OF MISSOURI

TIMOTHY CHRISTOPHER PICKETT

NUMBER PE-2017000351

PROFESSIONAL ENGINEER

08/10/2025 8:30:15 AM

TIMOTHY CHRISTOPHER PICKETT - CIVIL

MO-PE-2017000351

DATE PREPARED

8/5/2026

ROUTE M

STATE MO

DISTRICT SE

SHEET NO. 6

COUNTY

BUTLER

JOB NO.

J9S3453

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

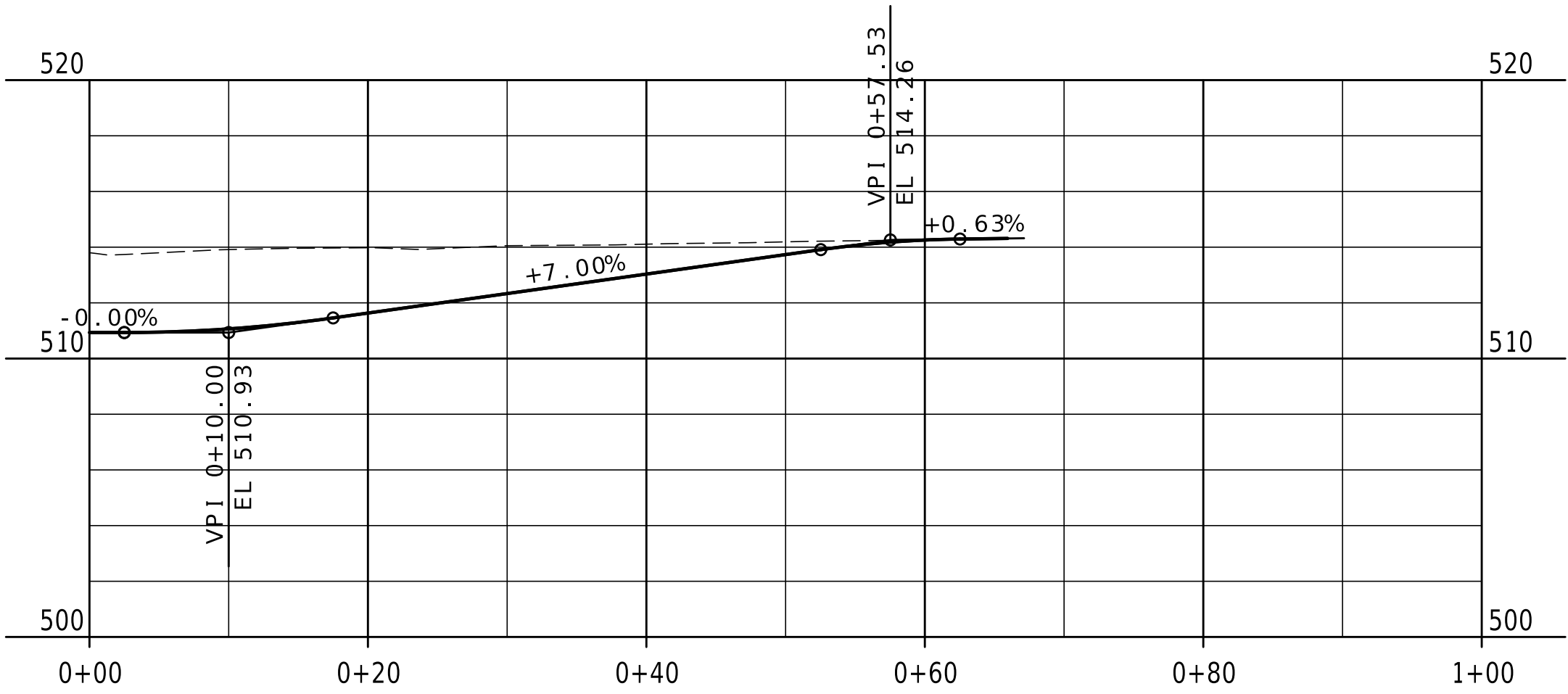
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

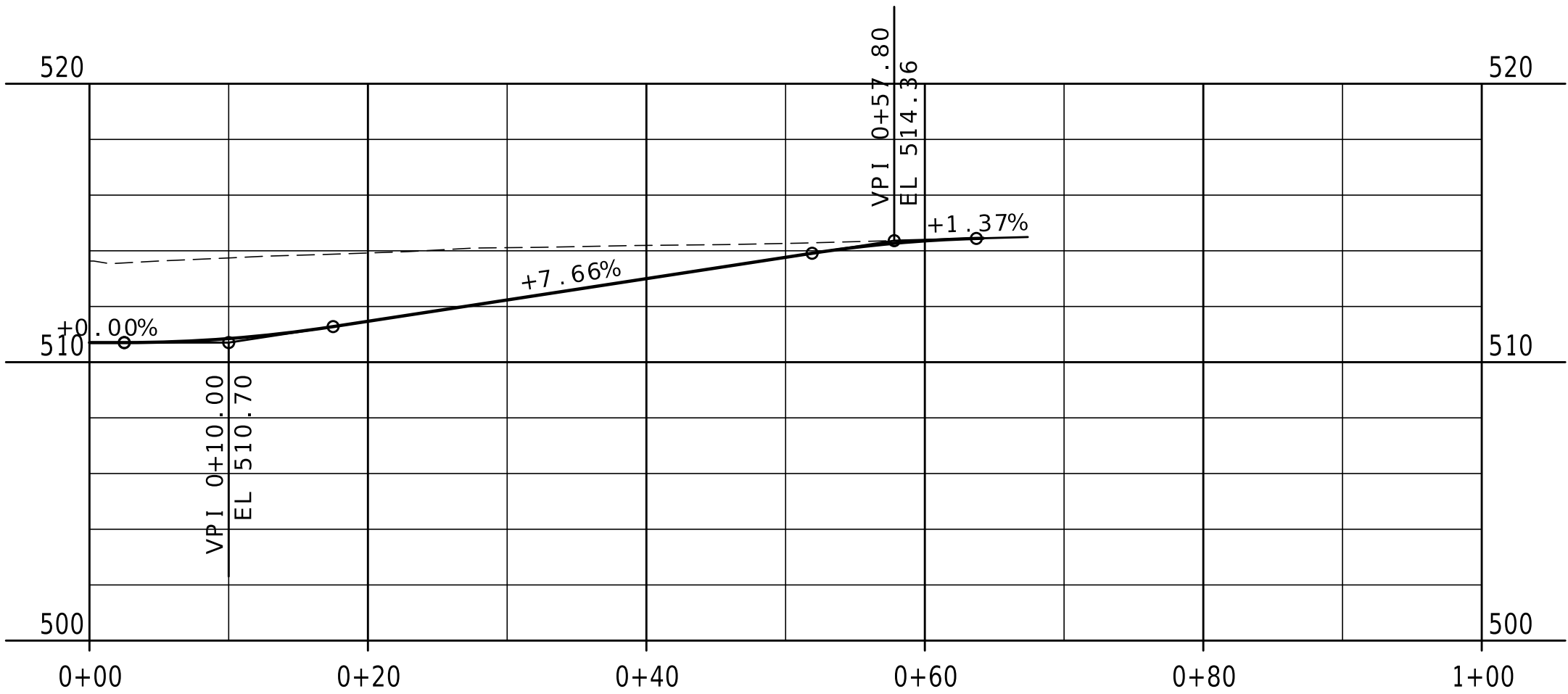
1-888-ASK-MODOT (1-888-275-6636)

COORDINATE POINTS

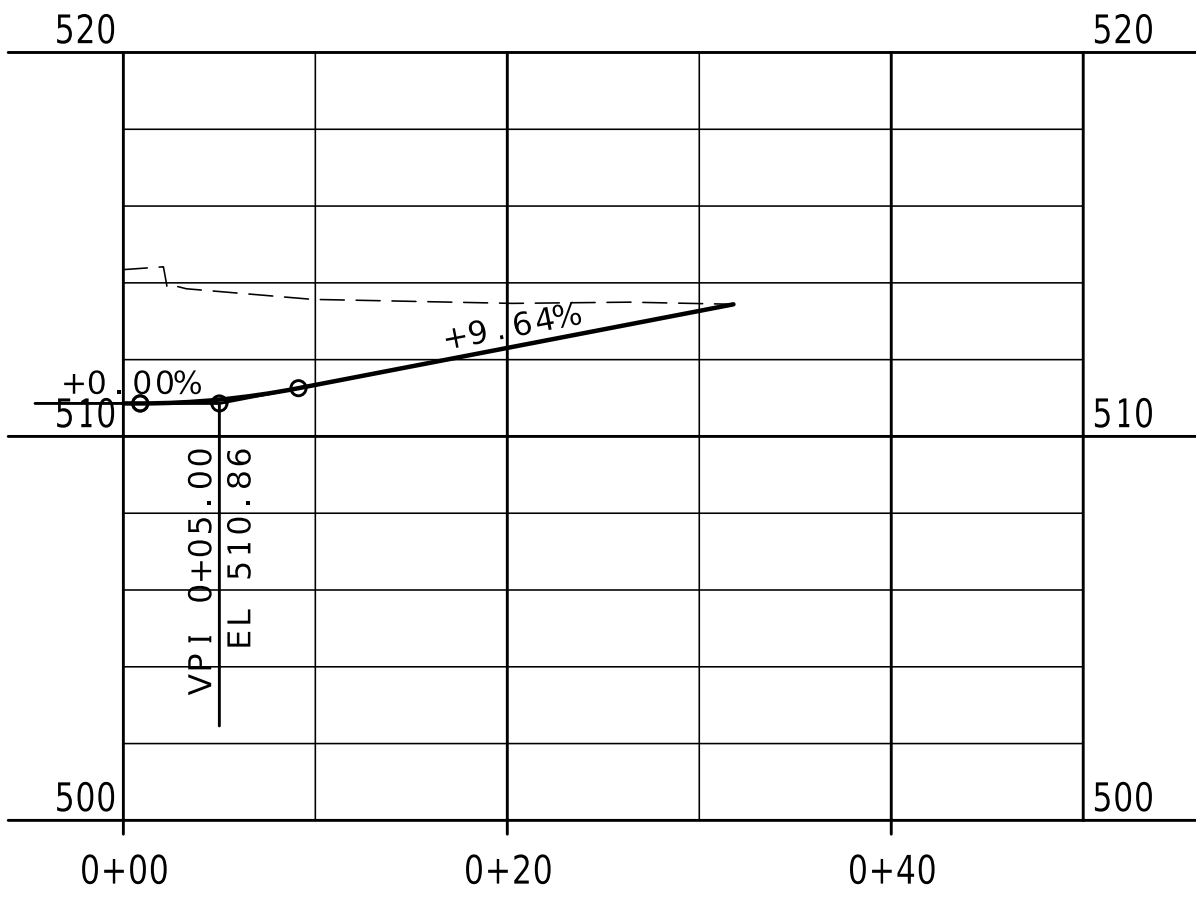
SHEET 1 OF 1



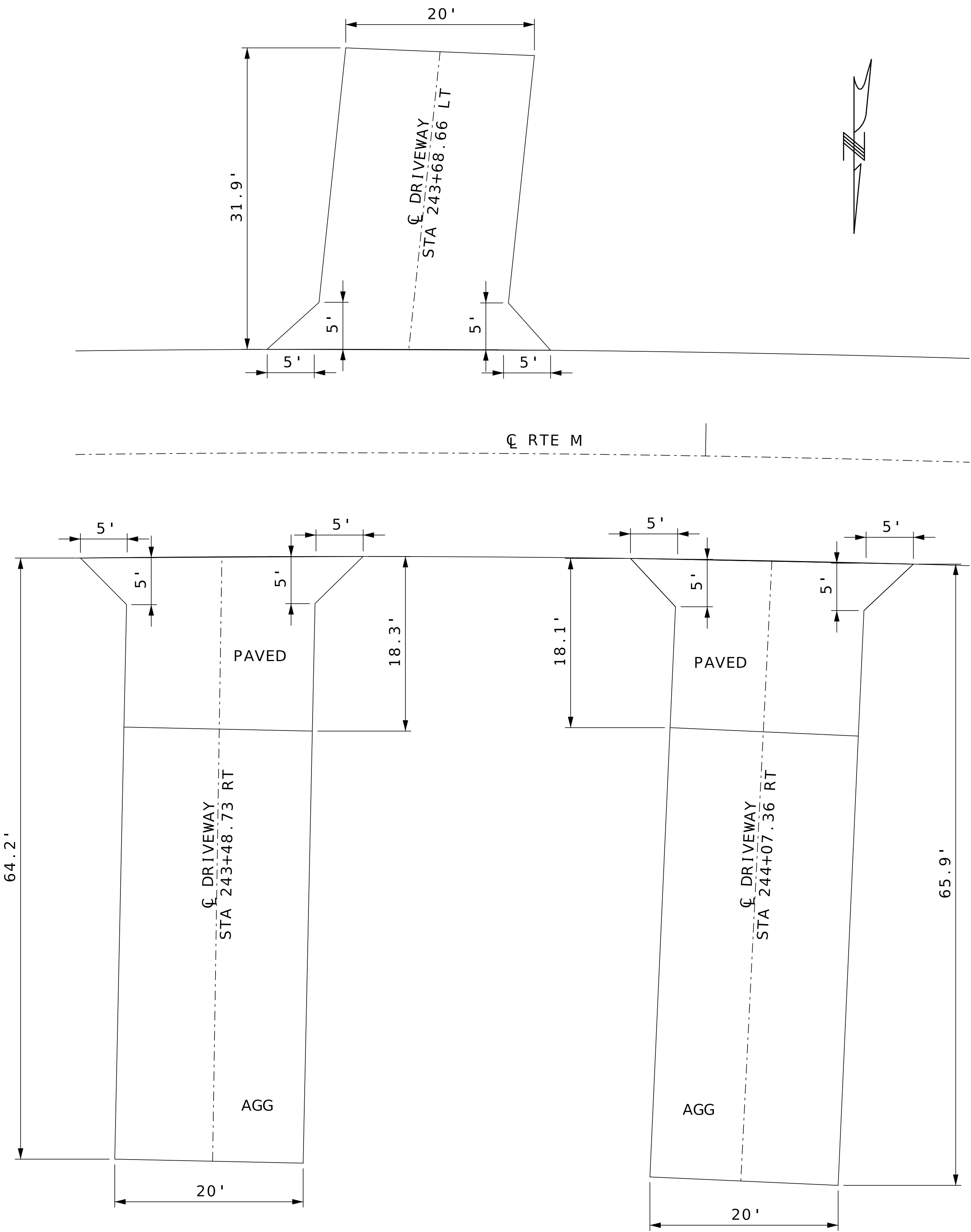
STA 244+07.36 RT



STA 243+48.73 RT

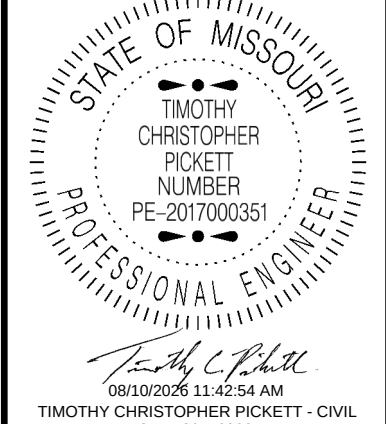


STA 243+68.66 LT



ENTRANCE DETAIL

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

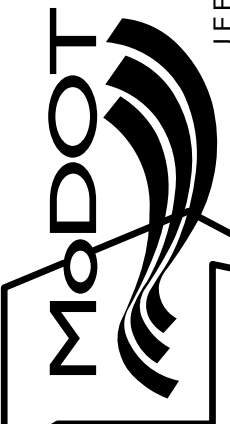


DATE PREPARED 8/10/2026	
ROUTE M	STATE MO
DISTRICT SE	SHEET NO. 7
COUNTY BUTLER	
JOB NO. J9S3453	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

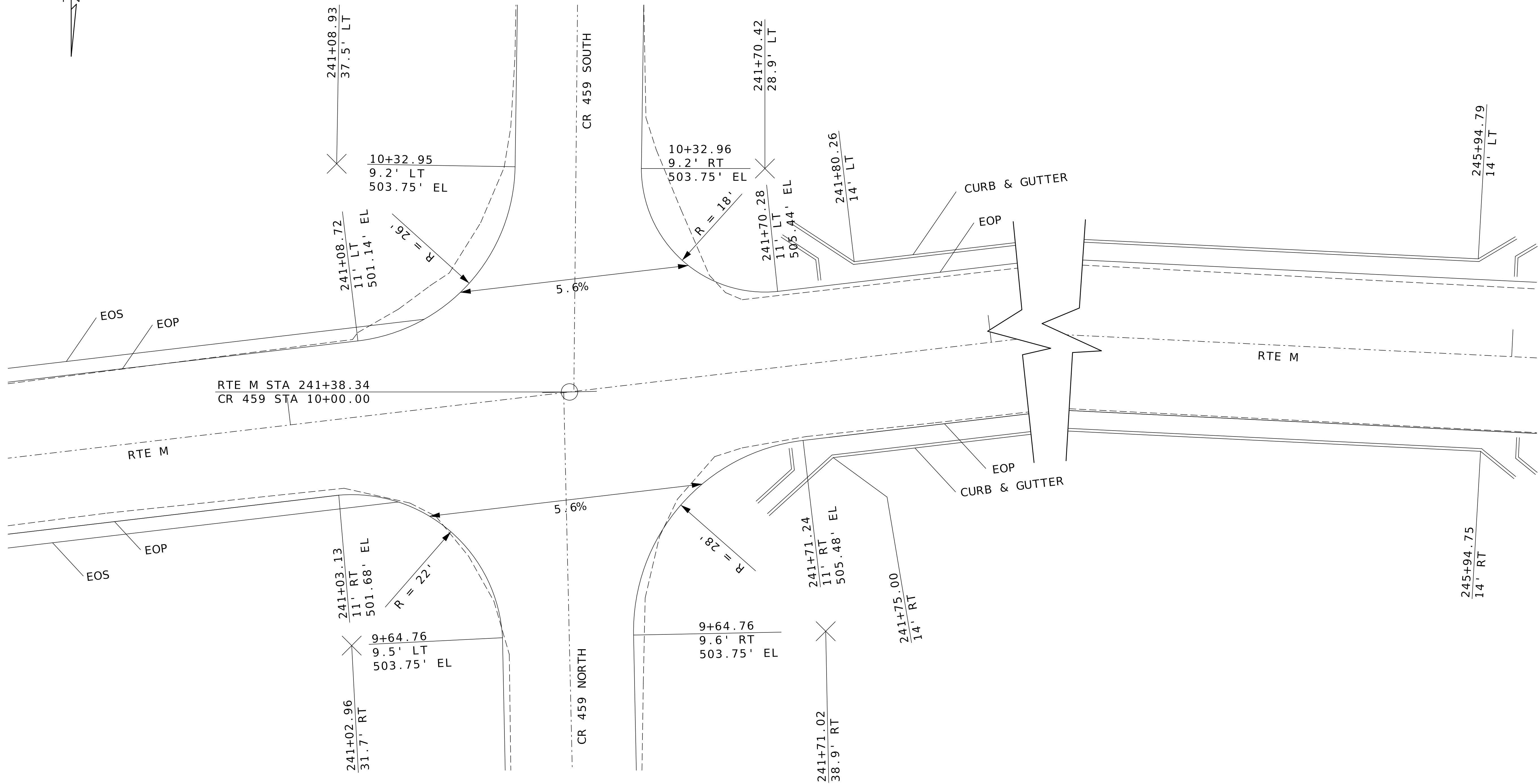
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SPECIAL SHEET
SHEET 1 OF 2



INTERSECTION DETAIL

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.



DATE PREPARED
8/5/2026

ROUTE	STATE
M	MO
DISTRICT	SHEET NO.
SE	8

COUNTY
BUTLER
JOB NO.
J9S3453
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

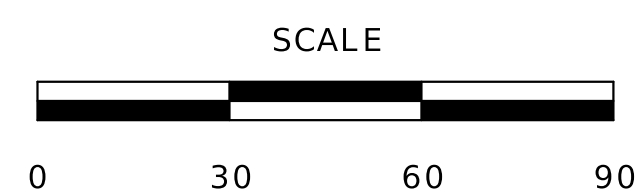
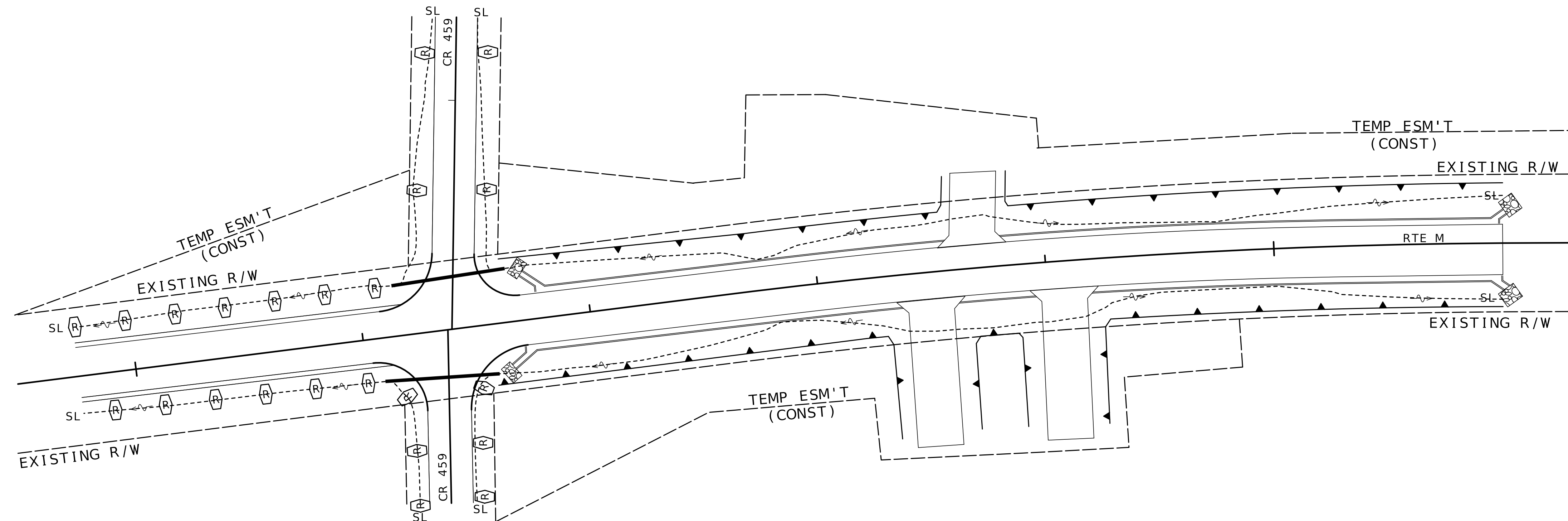
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
SHEET 2 OF 2

 SILT FENCE (989 LF)
 18" ROCK DITCH CHECK (579 LF)
 TYPE 1 ROCK DITCH LINER (2 CY)



DATE PREPARED
8/5/2026

ROUTE M	STATE MO
DISTRICT SE	SHEET NO. 10

COUNTY
BUTLER

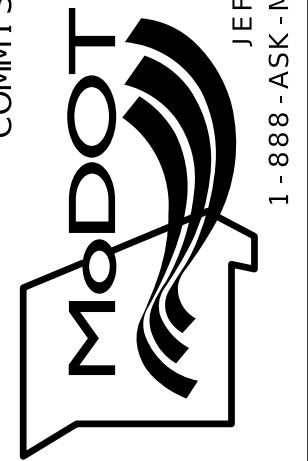
JOB NO.
J9S3453

CONTRACT ID.
PROJECT NO.

BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

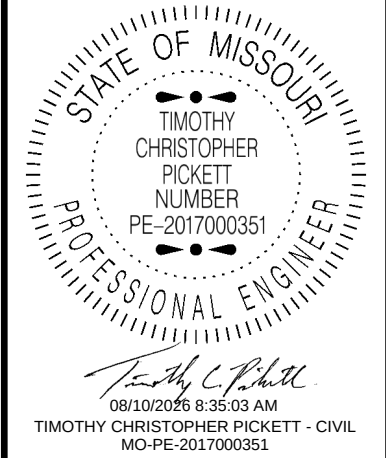


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EROSION CONTROL
SHEET 1 OF 1



SIGNS						PERFORATED SQUARE STEEL TUBE														
						2 IN. POST						2.5 IN. POST								BREAK AWAY ASSEMBLY
						POST NO. 1	POST NO. 2	TOTAL	ANCHORS			POST NO. 1	POST NO. 2	TOTAL	2.25" INSERT (6 FT)	ANCHORS				
									DRIVEN 12-GA.	DRIVEN 7-GA.	CONCRETE 7-GA.					DRIVEN 7-GA.	CONCRETE 7-GA.			
902 SIGNAL SIGNS TABULATED ON D37-1 SHEET						ITEM NO. 9031270A	ITEM NO. 9031271A	ITEM NO. 9031273A	ITEM NO. 9031274			ITEM NO. 9031280	ITEM NO. 9031272A	ITEM NO. 9031281A	ITEM NO. 9031285	ITEM NO. 9031241				
SIGN NO.	SIGN SIZE	STATION	HORZ CLEAR IF NOT STD	LOCATION	DTL. SHT. NO.	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA			
1	36X36	241+21		LT		11.00		11.00	1											
2	36X36	241+52		RT		11.00		11.00	1											
				SUBTOTAL				22.0	2											
				TOTAL				22	2											



DATE PREPARED	
8/5/2026	
ROUTE	STATE
M	MO
DISTRICT	SHEET NO.
SE	11
COUNTY	
BUTLER	
JOB NO.	
J9S3453	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

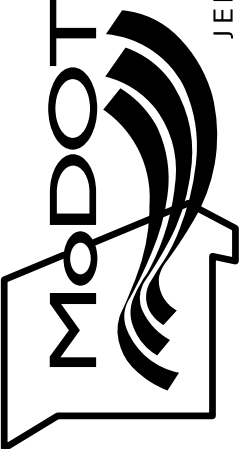
DESCRIPTION	DATE

D-29

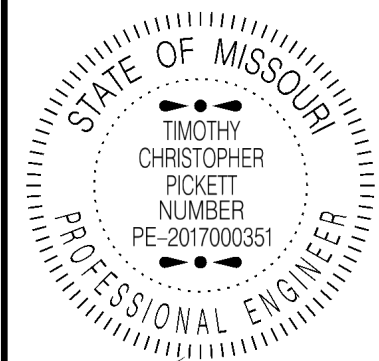
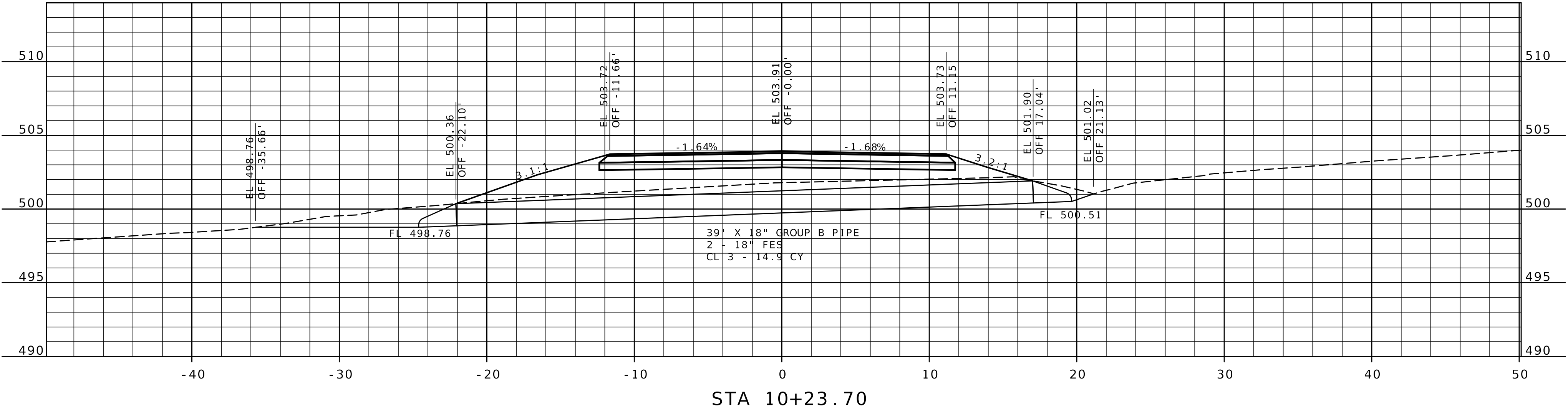
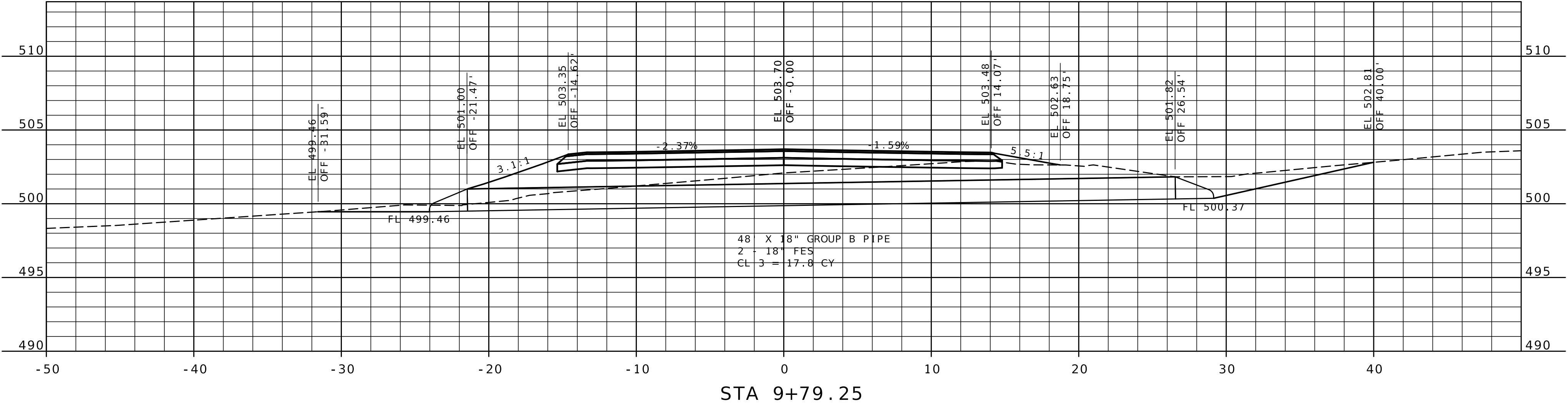
STANDARD SIGN ASSEMBLIES										SIGN SUMMARY									
SIGN NUMBER	STATION	LOCATION	TYPE								STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET					
			SH											SIZE	FLAT SHEET SH	FLAT SHEET FLORESCENT SHF*	STRUCTURAL ST	STRUCTURAL FLORESCENT	
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH												ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	
															9035004A	9035069A	9035011A	9035071A	
			R1 - 1																
1	241+21	LT	1										36X36	18.00					
2	241+52	RT	1																
	TOTAL		2										TOTAL	18					

D-30

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



Tim C. Pickett
08/10/2026 8:33:51 AM
TIMOTHY CHRISTOPHER PICKETT - CIVIL
MO-PE-2017000351
DATE PREPARED

8/5/2026

ROUTE	STATE
M	MO
DISTRICT	SHEET NO.
SE	12

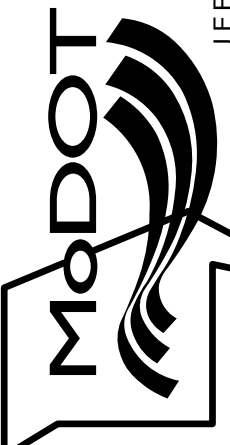
COUNTY
BUTLER
JOB NO.
J9S3453
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

CULVERT SECTIONS
SHEET 1 OF 1