

DESIGN DESIGNATION

A.A.D.T. - 2024 = 109493
A.A.D.T. - 2044 = 120979

T = 2.9%
V = 60 M.P.H.
D = 51%

FUNCTIONAL CLASSIFICATION- INTERSTATE

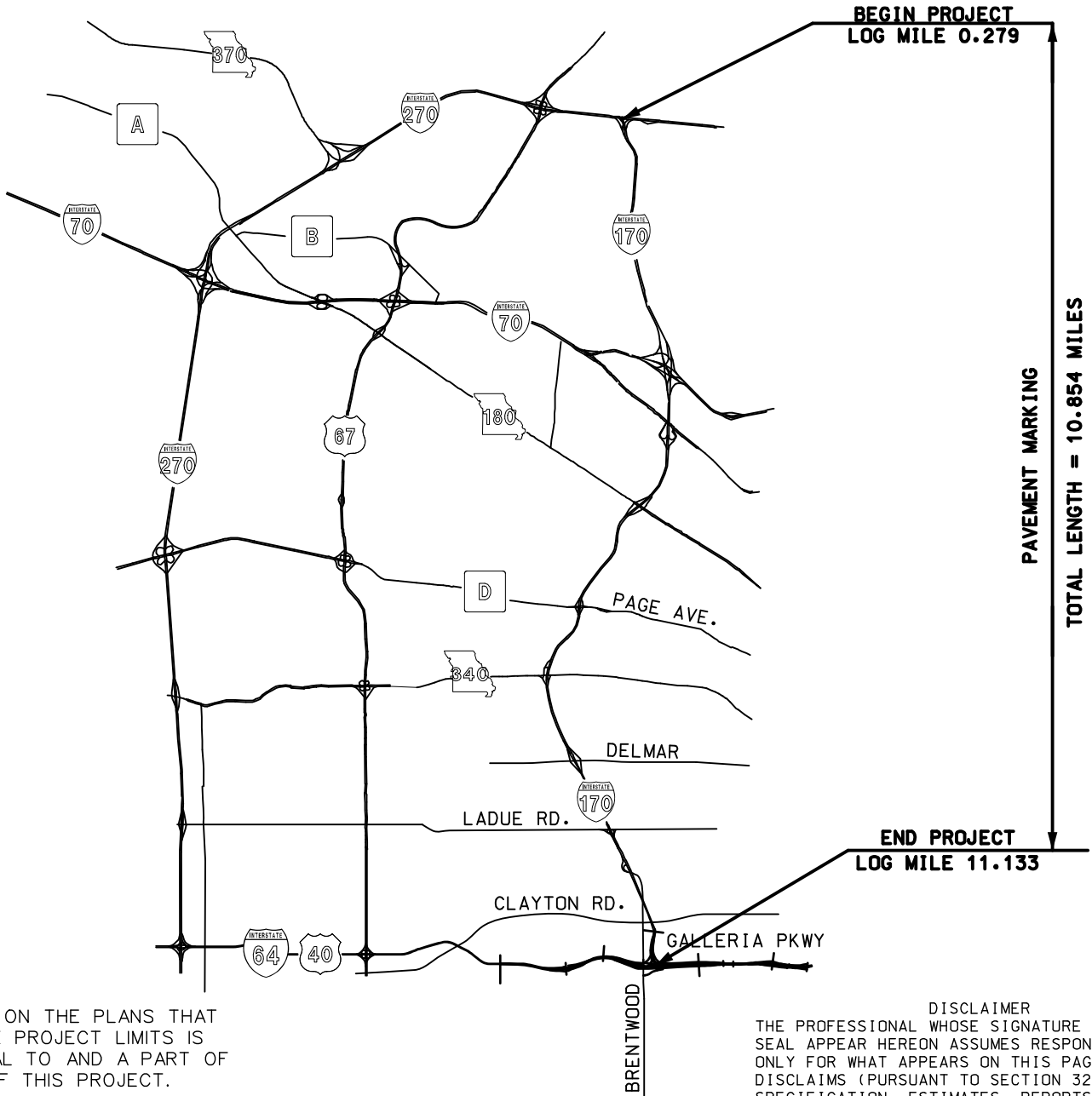
NO ADDITIONAL R/W TO BE
ACQUIRED ON THIS PROJECT.

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-
OVERHEAD CABLE TV	-OTV-
UNDERGROUND CABLE TV	-UTV-
OVERHEAD TELEPHONE	-OT-
UNDERGROUND TELEPHONE	-UT-
OVERHEAD POWER	-OE-
UNDERGROUND POWER	-UE-
SANITARY SEWER	-S-
STORM SEWER	-SS-
GAS	-G-
WATER	-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
ST. LOUIS COUNTY



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.

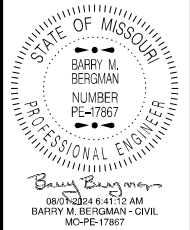
THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY 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.

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NOT TO SCALE

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (2 SHEETS)---	2
QUANTITIES (QU) (4 SHEETS)-----	3
TRAFFIC CONTROL SHEETS (TC) -----	4



DATE PREPARED	7/31/2024
ROUTE	I - 170
STATE	MO
DISTRICT	SL
SHEET NO.	1
COUNTY	ST. LOUIS
JOB NO.	JSL0125
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

LENGTH OF PROJECT

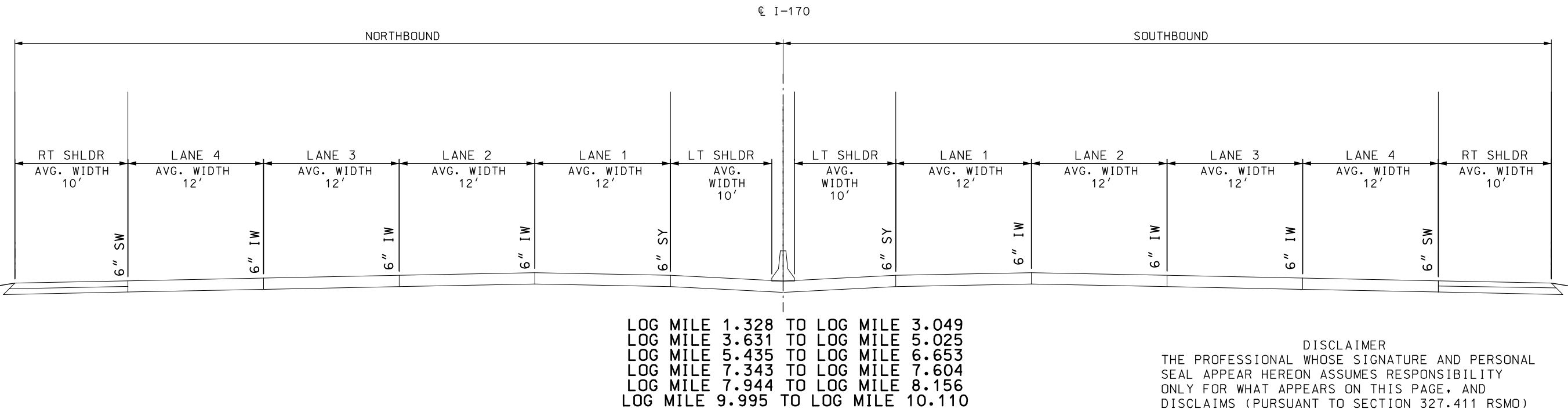
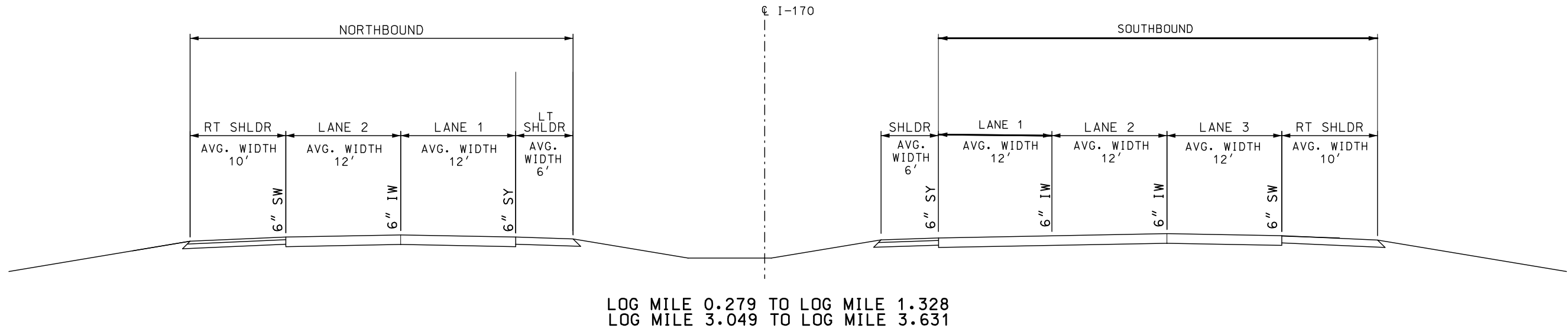
BEGINNING OF PROJECT	LOG MI.	0.279
END OF PROJECT	LOG MI.	11.133
APPARENT LENGTH		10.854 MILES
EQUATIONS AND EXCEPTIONS:		
NONE		

TOTAL CORRECTIONS	0.000 MILES
NET LENGTH OF PROJECT	10.854 MILES
STATE LENGTH	10.854 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.00 ACRES



TITLE SHEET

6"SW- SOLID WHITE PAVEMENT MARKING
6"IW- INTERMITTENT WHITE PAVEMENT MARKING
6"SY- SOLID YELLOW PAVEMENT MARKING



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DATE PREPARED 7/31/2024	
ROUTE I - 170	STATE MO
DISTRICT SL	SHEET NO. 2
COUNTY ST. LOUIS	
JOB NO. JSL0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

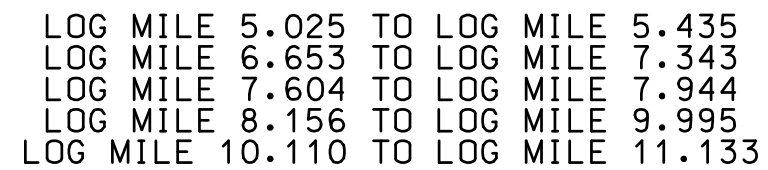
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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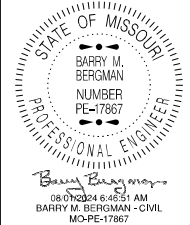


TYPICAL SECTION
SHEET 2 OF 2

INTERCHANGE RAMP MARKINGS						
ROADWAY	LENGTH (FT)	LOCATION	HIGH BUILD WATERBORNE MARKING PAINT			
			6" YELLOW (LF)	6" WHITE (LF)	6" I.W. (LF)	12" WHITE (LF)
I-170 & I-270 INTERCHANGE	1,555	SB I-170 WEST SIDE ENTRANCE RAMP	1,291	1,555		540
I-170 & I-270 INTERCHANGE	2,311	SB I-170 EAST SIDE ENTRANCE RAMP	1,924	2,692	478	688
I-170 & I-270 INTERCHANGE	2,573	NB I-170 WEST SIDE EXIT RAMP	2,065	2,573		966
I-170 & I-270 INTERCHANGE	1,429	NB I-170 EAST SIDE EXIT RAMP	1,261	1,429	300	370
I-170 & I-70 INTERCHANGE	1,841	SB I-170 WEST SIDE EXIT RAMP	752	1,841	110	
I-170 & I-70 INTERCHANGE	1,553	SB I-170 EAST SIDE EXIT RAMP	1,553	1,257		518
I-170 & I-70 INTERCHANGE	1,561	SB I-170 WEST SIDE ENTRANCE RAMP	1,152	1,561		839
I-170 & I-70 INTERCHANGE	1,766	SB I-170 EAST SIDE ENTRANCE RAMP	1,766	1,467		655
I-170 & I-70 INTERCHANGE	2,403	NB I-170 WEST SIDE EXIT RAMPS*	3,966	2,863	20	1,395
I-170 & I-70 INTERCHANGE	1,189	NB I-170 EAST SIDE EXIT RAMP	967	1,189		455
I-170 & I-70 INTERCHANGE	2,255	NB I-170 WEST SIDE ENTRANCE RAMP	2,255	2,110		348
I-170 & I-70 INTERCHANGE	1,141	NB I-170 EAST SIDE ENTRANCE RAMP	961	1,141		356
SUBTOTALS INTERCHANGE RAMP MARKINGS			19,913	21,678	908	7,130
PAY TOTALS			**	**	**	**

*NOTE: THE QUANTITIES FOR THE TWO NB WEST SIDE EXIT RAMPS TO WB I-70 HAVE BEEN COMBINED
NOTE: LENGTHS OF THE RAMPS ARE MEASURED FROM STRIPING START LINE TO END OF LONGEST FULL STRIPE. IF STRIPE DOES NOT SPAN FULL LENGTH OF RAMP, ADDITIONAL LENGTH IS ACCOUNTED FOR ALONG THE SAME PATH AS THE LONGEST FULL STRIPE TO THE END OF THE RAMP
NOTE: SB I-170 WEST SIDE EXIT RAMP TO I-70 WEST QUANTITIES, EXCLUDING THE 6" SOLID WHITE STRIPE, ARE MEASURED FROM THE START LINE AT THE BEGINNING OF THE RAMP AND CONTINUE TO THE BEGINNING OF THE GORE WHERE THE NB AND THE SB EXIT RAMPS MERGE
**NOTE: SEE ROUTE I-170 PAVEMENT MARKINGS FOR PAY TOTALS
NOTE: I.W. STANDS FOR INTERMITTENT WHITE STRIPE
NOTE: D.W. STANDS FOR DOTTED WHITE STRIPE

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DATE PREPARED 7/31/2024	
ROUTE I - 170	STATE MO
DISTRICT SL	SHEET NO. 3
COUNTY ST. LOUIS	
JOB NO. JSL0125	
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)

EFFECTIVE: 07-01-2024																												
SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN									SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION	ITEM	TOTAL	DESCRIPTION	
IN.	sq.ft.	each	sq.ft.	each	sq.ft.	NUM.		SIGN	IN.	sq.ft.	each	sq.ft.	each	sq.ft.	NUM.		DESCRIPTION	NUMBER	QTY									
WARNING SIGNS							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						ROAD WORK NEXT 2 MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)								
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00						END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)								
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)								
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)								
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						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						WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)								
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6123001	3+++	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		CHANNELIZER (TRIM LINE)								
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS										6161030		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		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						SPEED LIMIT 35, 45, 50, 60	6161070		TUBULAR MARKER								
WO3-4	48X48	16.00						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											
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161098A	2**	CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED								
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT											
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED								
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM								
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS								
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6173600D		TEMPORARY TRAFFIC BARRIER								
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)			CONTRACTOR FURNISHED/RETAINED								
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	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION								
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER								
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6176000B		TEMPORARY TRAFFIC BARRIER								
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)			COMMISSION FURNISHED/RETAINED								
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION								
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED			COMMISSION FURNISHED/RETAINED								
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6208064A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION								
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE			COMMISSION FURNISHED/RETAINED								
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	9029400		TEMPORARY RAISED PAVEMENT MARKER								
WO8-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00						ROAD CLOSED	9029401		TEMPORARY TRAFFIC SIGNALS								
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD			TEMPORARY TRAFFIC SIGNALS AND LIGHTING								
WO8-9	48X48	16.00						LOW SHOULDER	R11-4	60X30	12.50						LOCAL TRAFFIC ONLY											
WO8-11	48X48	16.00						UNEVEN LANES	CONST-3A	60X48	20.00						ROAD CLOSED TO THRU TRAFFIC											
WO8-12	48X48	16.00						NO CENTER LINE	CONST-3X	56X12	4.67						FINE SIGN											
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						WORK ZONE NO PHONE ZONE											
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)																				
W10-1	42RND.	9.62						RAILROAD CROSSING																				

