DESIGN DESIGNATION

ROUTE J A.A.D.T. - 2022 = 951 T = 11.5% V = 55 M P H

FUNCTIONAL CLASSIFICATION- MINOR COLLECTOR

NO NEW R/W TO BE ACQUIRED

LOCATION OF MORGAN COUNTY

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	0000	
FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	- FO - FO - OTV - OTV - UTV - UTV - OT -	
MANHOLE	HYD	
FIRE HYDRANT	wv a	
WATER VALVE	Φ	
WATER METER	^{₩M} ⊕	
DROP INLET		
DITCH BLOCK	=	
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE GATE POST	PED △	
BENCHMARK	BM ⊗	

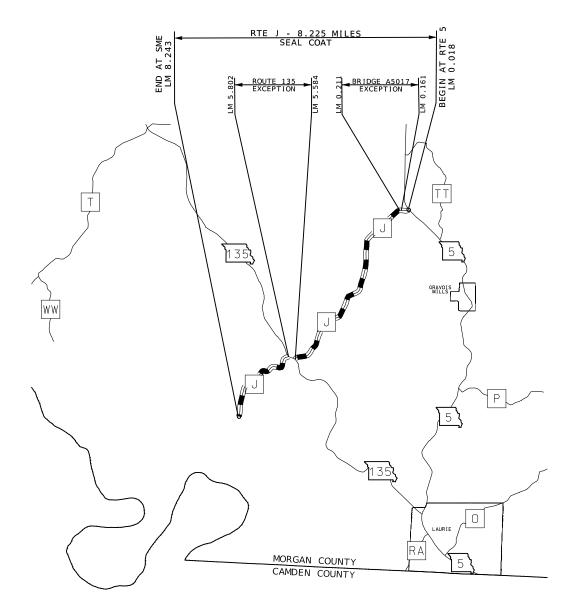
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

MORGAN COUNTY





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) (1 SHEET)	2
QUANTITIES (QU) (2 SHEETS)	3
SPECIAL SHEETS (SS)	4 - 5
TRAFFIC CONTROL SHEETS (TC)	6 - 10

WAYS AND TRANSPORTATION	DATE	DESCRIPTION								WWITHING.	
COMMISSION						C			RYA	S PROMINI	, III'
				CON	JC	D	J J RIC	_{БАТ}	06/17 N JOS MO-	PE	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
_ ⊢∩					ДОВ	COU		E PI	/2025 EPH PE-20	NUN	OF
			E 1	CT		INTY		REPA	7:45: LIBBE 00601	JOSE BERT 1BER 6019	Ш <i>и</i> ,
105 WEST CAPITOL				ID	79	,	M	RED		PH	111,11 SS-
JEFFERSON CITY, MO 65102				•		1	ATE O T NO		CIVIL	11/1/858	14
38-ASK-MODOT (1-888-275-6636)										THUMANA	

LENGTH OF PROJECT

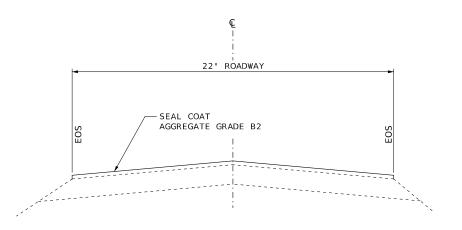
RTE. J (MORGAN COUNTY)	
BEGINNING OF PROJECT	L.M. 0.018
END OF PROJECT	L.M. 8.243
APPARENT LENGTH	43428.00 FEET
EQUATIONS AND EXCEPTIONS:	
STATE BRIDGE A5017	
BEGINNING	L.M. 0.161
END	L.M. 0.211
ROUTE 135 EXCEPTION	
BEGINNING	L.M. 5.584
END	L.M. 5.802
TOTAL CORRECTIONS	1415.04 FEET
NET LENGTH OF PROJECT	42012.96 FEET
STATE LENGTH	7.957 MILES

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES



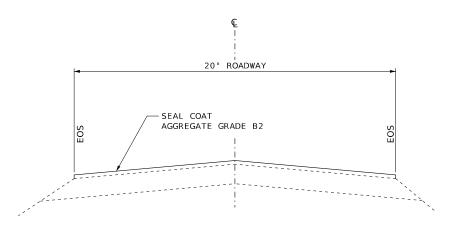
0 ACRES

MORGAN COUNTY ROUTES



ROUTE J TYPICAL SECTION

LOG MILE 0.018 TO 0.161 LOG MILE 0.161 TO 0.211 (BRIDGE EXCEPTION - A5017) LOG MILE 0.211 TO 0.422



ROUTE J TYPICAL SECTION

LOG MILE 0.422 TO 5.584 LOG MILE 5.584 TO 5.802 (EXCEPTION - ROUTE 135) LOG MILE 5.802 TO 8.243

NOTE: SURFACE PLACEMENT SHALL BE ONE PASS PER LANE NO S.E. CORRECTION. EMULSION APPLICATION RATE 0.28 GAL/YD²

PE-2006019679

DATE PREPARED

6/5/2025

ROUTE STATE

MO

DISTRICT SHEET NO

CD 2

COUNTY MORGAN

JCD0179

PROJECT NO.

BRIDGE NO.



ISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
TABLE TO THE THE TO THE T

TYPICAL SECTION SHEET 1 OF 1

				C = A		CDADE DO	DOUTE I	
				SEA	L COAT,	GRADE BZ	- ROUTE J	
LOG MILE FROM	LOG MILE	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	MODIFIED SEAL COAT AGG. B2 SQYD	EMULSIFIED ASPHALT GAL	REMARKS
0.018	0.161	ROUTE J	755 04	22	16610 88	1845.65	516.78	START OF PROJECT RTE J
0.161	0.211	ROUTE J	264					STATE BRIDGE A5017 EXCEPTION
0.211	0.422	ROUTE J	1114.08	22	24509.76	2723.31	762.53	
0.422	5.584	ROUTE J	27255.36	20	545107.2	60567.47	16958.89	
5.584	5.802	ROUTE J	1151.04					ROUTE 135 EXCEPTION
5.802	8.243	ROUTE J	12888.48	20	257769.6	28641.07	8019.50	END PROJECT RTE J
					TOTAL	93777.50	26257.70	
·			·	·	USE	93778	26258	

PAVEMENT MARKING									
				CLASS 1 P	VMT MARK.				
				PAINT, TYP	PE P BEADS				
			-						
				4 "	4"				
LOG MILE	LOG MILE	LOCATION	LENGTH	YELLOW	WHITE				
FROM	ТО		(FT)	LF	LF	REMARKS			
0.018	0.482	ROUTE J	2450	4900.0	4900.0	NO PASS			
0.482	0.522	ROUTE J	211	263.8	422.0	NB LANE CAN PASS, SB CANNOT			
0.522	0.662	ROUTE J	739	184.8	1478.0	BOTH LANES CAN PASS			
0.662	0.843	ROUTE J	956	1195.0	1912.0	NB LANE CAN PASS, SB CANNOT			
0.843	1.181	ROUTE J	1785	3570.0	3570.0	NO PASS			
1.181	1.311	ROUTE J	686	857.5	1372.0	SB LANE CAN PASS, NB CANNOT			
1.311	1.450	ROUTE J	734	917.5	1468.0	NB LANE CAN PASS, SB CANNOT			
1.450	1.500	ROUTE J	264	528.0	528.0	NO PASS			
1.500	1.642	ROUTE J	750	937.5	1500.0	SB LANE CAN PASS, NB CANNOT			
1.642	1.799	ROUTE J	829	1036.3	1658.0	NB LANE CAN PASS, SB CANNOT			
1.799	2.018	ROUTE J	1156	2312.0	2312.0	NO PASS			
2.018	2.119	ROUTE J	533	666.3	1066.0	SB LANE CAN PASS, NB CANNOT			
2 119	2.279	ROUTE J	845	211.3	1690.0	BOTH LANES CAN PASS			
2.279	2.539	ROUTE J	1373	1716.3	2746.0	NB LANE CAN PASS, SB CANNOT			
2.539	2.599	ROUTE J	317	634.0	634.0	NO PASS			
2.599	2.699	ROUTE J	528	660.0	1056.0	SB LANE CAN PASS, NB CANNOT			
2.699	4.200	ROUTE J	7925	15850.0	15850.0	NO PASS			
4.200	4.319	ROUTE J	628	785.0	1256.0	NB LANE CAN PASS, SB CANNOT			
4.319	5.380	ROUTE J	5602	11204.0	11204.0	NO PASS			
5.380	5.461	ROUTE J	428	535.0	856.0	NB LANE CAN PASS, SB CANNOT			
5.461	5.584	ROUTE J	649	1298.0	1298.0	NO PASS			
5.584	5.802	ROUTE J				RTE 135 EXCEPTION			
5.802	8.243	ROUTE J	12888	25776.0	25776.0	NO PASS			
			TOTAL	76038.3	84552.0				
			USE	76038	84552				

NOTE: ALL PAVEMENT MARKING TO MATCH EXISTING UNLESS OTHERWISE SHOWN IN THE PLANS. LOCATE BEFORE SEAL COAT.

MOBILIZATION
1 LUMP SUM

06/17/2025 8:23:26 AM RYAN JOSEPH LIBBERT - CIVIL MO-PE-2006019679 DATE PREPARED 6 / 17 / 2025 STATE MO SHEET NO. CD MORGAN JOB NO.
JCD0179
CONTRACT ID. PROJECT NO. BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTA
COMMISSION

MADOT

105 WEST CA
HEFFERSON CITY, MO

QUANTITY SHEET SHEET 1 OF 2

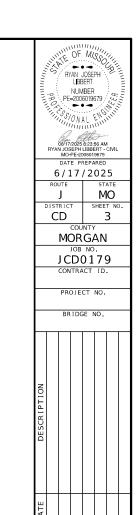
			CONSTR	UCTION :	SIGNING	
				TOTAL	SIGN	
	SIZE	AREA	QTY	AREA	NUM.	
SIGN	IN.	SQ FT	EACH	SQ FT.		
	WA	RNING SIC	SNS	-		DESCRIPTION
WO8 - 11	48X48	16	16	256	57	FRESH OIL
WO8 - 12	48X48	16	8	128	35	NO CENTER LINE
WO20 - 1	48X48	16	8	128	2	ROAD WORK AHEAD
WO20-4	48X48	16	5	80	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	8	128	8	FLAGGER (SYMBOL, WITH FLAGS)
W03-4	48X48	16	4	64	11	BE PREPARED TO STOP
GO22 - 1	21X15	2.19	2	4.38		WET PAINT (ARROW PIVOTS)
	G	UIDE SIGN	IS	-		
GO20 - 1	60X24	10	4	40	1	ROAD WORK NEXT XX MILES 2@8, 1@6, 1@2
GO20 - 2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME
GO20 - 4a	42X30	8.75	0		58	PILOT CAR IN USE WAIT & FOLLOW
GO20 - 4a	18X12	1.5	4	6	58	PILOT CAR IN USE WAIT & FOLLOW
	MISCE	LLANEOUS	SIGNS			
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
	616.10.05	-	-			
CONSTR	UCTION SIGNS	S TOTAL		879		

		ADDITIONAL CONSTRUCTION ITEMS
ITEM		
NO.	QUANTITY	DESCRIPTION
616-10.25	162	CHANNELIZERS (TRIM-LINE)
616-1098A	3	"CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED."

- * IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1.
- ** ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 4 OF 5 AND AS DIRECTED BY THE ENGINEER.
- *** FRESH OIL/LOOSE GRAVEL SIGN SHALL BE PLACED AT THE START OF THE PROJECT AND AT ONE MILE INTERVALS. SIGNS SHOULD ALSO BE INSTALLED AFTER THE INTERSECTION OF A STATE ROUTE. ADDITIONAL SIGNS MAY BE INSTALLED AFTER OTHER INTERSECTIONS, AS DIRECTED BY THE ENGINEER.

NOTE:

REFER TO STANDARD PLANS 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.



MODOT

COMMISSION

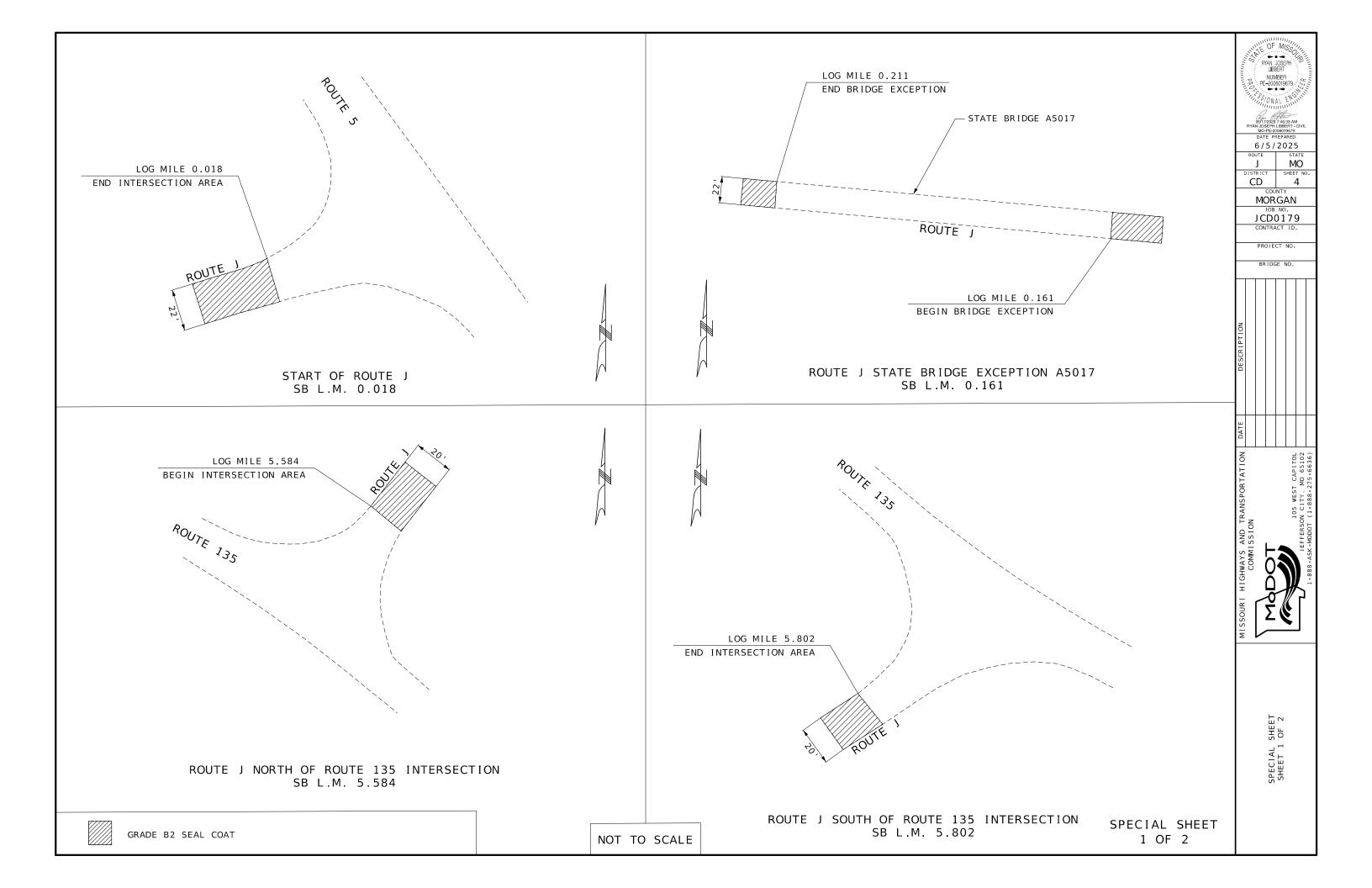
COMMISSION

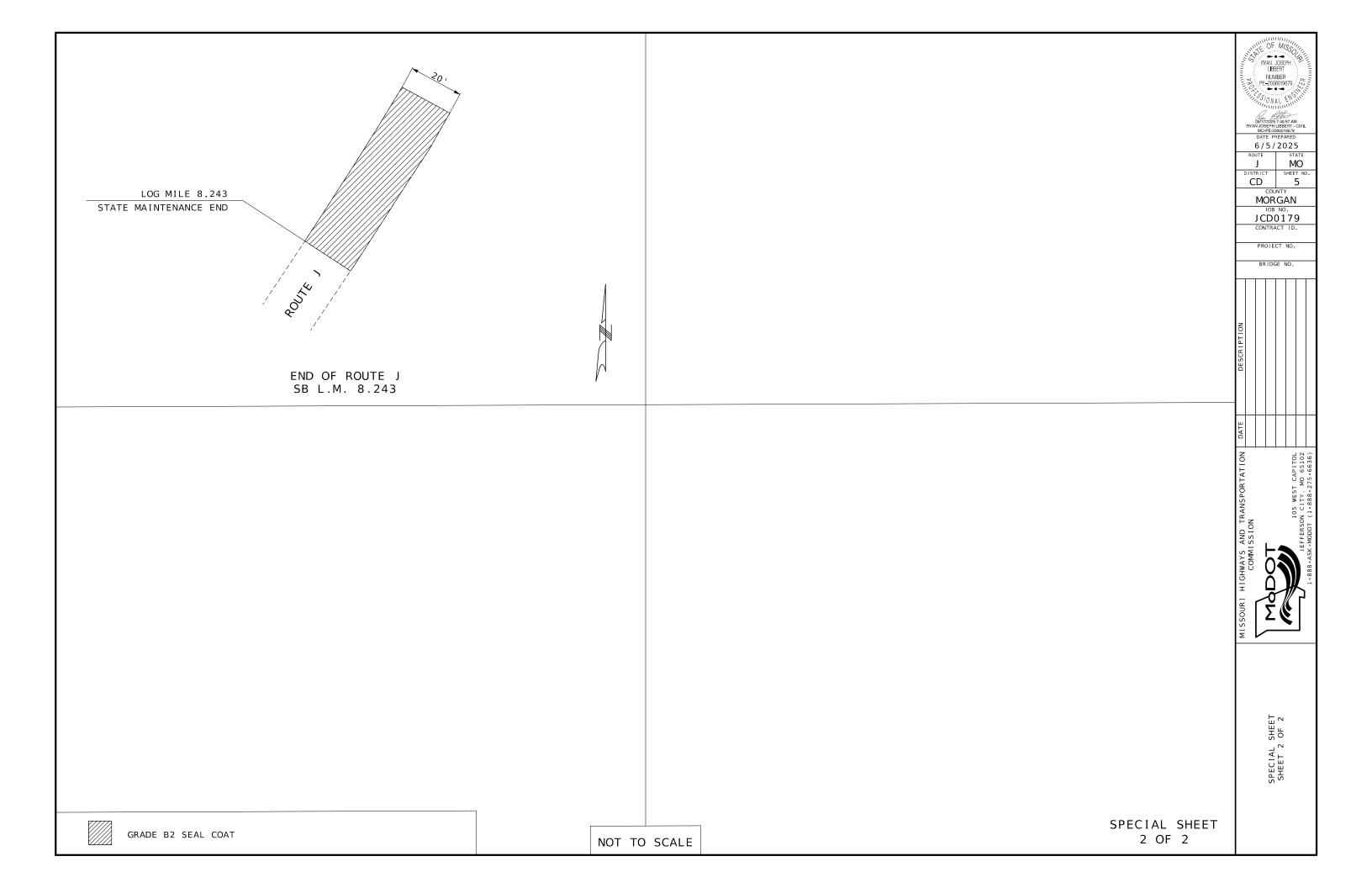
1-888-ASK-MODOT

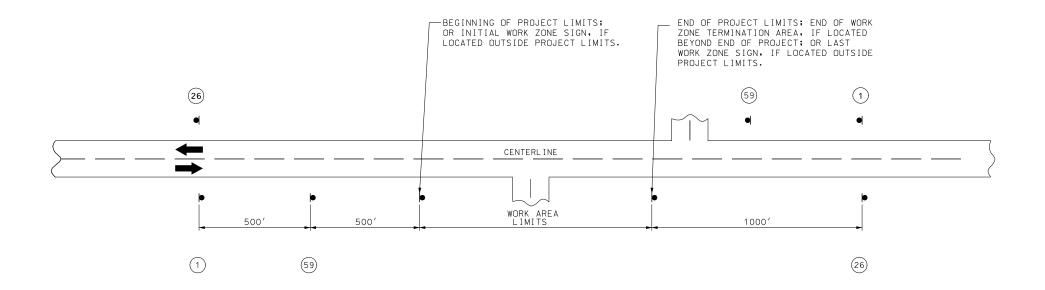
1-888-ASK-MODOT

(1-888-755-655)

QUANTITY SHEET SHEET 2 OF 2







NOTES:

SIGN 1 AND 26 ARE ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



XX = 8 MILES FOR J (BEGINING AND END)

XX = 6 MILES ONRTE J @ RTE 135 (EAST)

XX = 2 MILES ONRTE J @ RTE 135 (WEST)

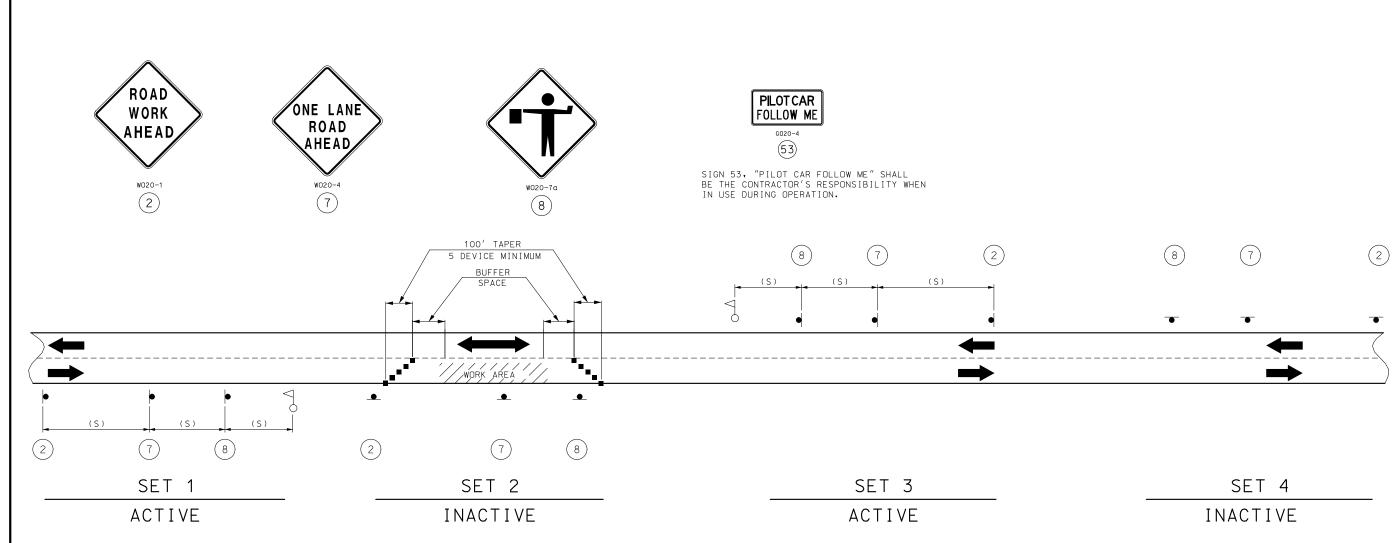
RYAN JOSEPH LIBBERT NUMBER PE-2006019679 6/5/2025 MO SHEET NO. CD 6 MORGAN JCD0179 CONTRACT ID. PROJECT NO. BRIDGE NO. SHEET

DL

CONTROL 1 OF 5

TRAFFIC

TRAFFIC CONTROL SHEET 1 OF 5



DAYLIGHT FLAGGING OPERATIONS ONLY.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE
THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE DNCOMING TRAFFIC) SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2
AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1
AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

- CHANNELIZERS

- FLAGGER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT)
0-35	200	250
40-45	350	360
50-55	500	495
60-70	1000	730

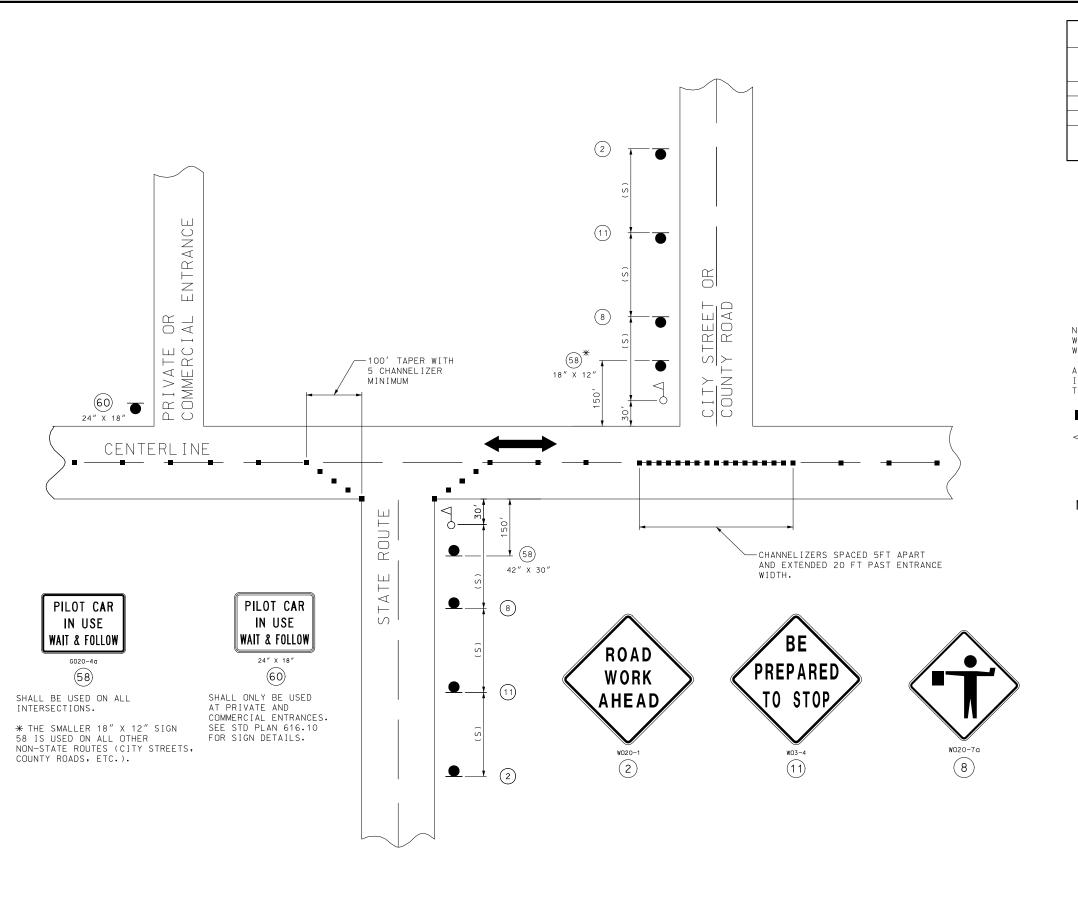
(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

> TRAFFIC CONTROL SHEET 2 OF 5

RYAN JOSEPH LIBBERT NUMBER PE-2006019679 PE-200. 6/5/2025 MO SHEET NO 7 CD MORGAN JCD0179 PROJECT NO. BRIDGE NO.

CONTROL 2 OF 5 TRAFF1C



SIDE ROADS ENTERING WORK ZONES

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER/ WORK AREA (TYP.)
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

NOTES

WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

- CHANNELIZERS (AS SPECIFIED)

- FLAGGER

NOT TO SCALE

RYAN JOSEPH LIBERT NUMBER PE-2006019679

DOTTORS JA AD AM RYAN JOSEPH LIBERT OUTL MO-PE-2006019679

DATE PREPARED

6/5/2025

ROUTE STATE
J MO

DISTRICT SHEET NO.

CD 8

COUNTY

MORGAN

JOB NO.
JCD0179
CONTRACT ID.

PROJECT NO.

DATE DESCRIPTION

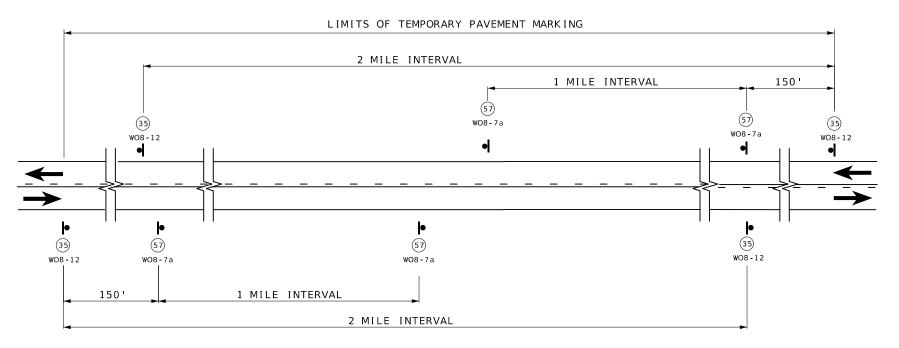
ISSOURI HIGHWAYS AND TRANSPORTATIO
COMMISSION

MADOT

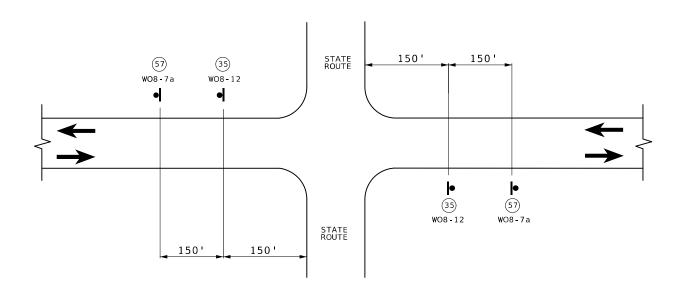
105 WEST CAPITO
JEFFERSON CITY, MO 6510

TRAFFIC CONTROL SHEE' 3 OF 5

TRAFFIC CONTROL SHEET 3 OF 5



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE





(57)

NOTES:

SIGN 35) AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN 35 IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN 35 , THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

TRAFFIC CONTROL SHEET 4 OF 5

TRAFFIC CONTROL SHEET 4 OF 5

