DESIGN DESIGNATION
RTE A
A.A.D.T - 2023 = 2,804
A.A.D.T - 2033 = 2,985
).H.V. = 8.40%
= 6.0%
/ = 55 M.P.H.
) = 50%/ 50%
UNCTIONAL CLASS, - MAJOR COLLECTOR

NO NEW RIGHT OF WAY

ACQUIRED

CONVENTIONAL SYMBOLS

ニュニコ

-F0-

-DTV-

-UTV-- OT -- UT -- OE -- UE -- S -- SS -

- G — - W — SAN — HYD — WV — WM

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-F0-

-OTV-

-UTV-

—0T— —UT— —0E—

—UE —S —SS

BUILDINGS AND STRUCTURES

CONCRETE RIGHT-OF-WAY MARKER

STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER

GUARD RAIL

UTILITIES

FIBER OPTICS

OVERHEAD POWER

STORM SEWER

WATER

MANHOLE

FIRE HYDRANT

WATER VALVE

WATER METER

DROP INLET

DITCH BLOCK

LIGHT POLE H-FRAME POWER POLE

GROUND MOUNTED SIGN

TELEPHONE PEDESTAL

UNDERGROUND POWER SANITARY SEWER

OVERHEAD CABLE TV

UNDERGROUND CABLE TV OVERHEAD TELEPHONE

UNDERGROUND TELEPHONE

GUARD CABLE

PLANS FOR PROPOSED STATE HIGHWAY CAMDEN COUNTY

BEGINNING LM 0.122 BRIDGE EXCEPTON BR A2098 OVER AUGLAISE CREEK LM 9.746 TO LM 9.808 BRIDGE MILL AND RESURFACE BR B0340 OVER BARNETT BRANCH RTE A ACE LEVELING CAMDEN LM 12.129 TO LM 12.146 BRIDGE EXCEPTON COUNT OVER WET GLAISE CREEK LM 13.524 TO LM 13.584 BRIDGE EXCEPTION BR A2096 OVER BOER CREEK LM 21.572 TO LM 21.598 BRIDGE EXCEPTION BR A2097 OVER CONNS CREEK LM 23.704 TO LM 23.731 END LM 26.205

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (4 SHEETS)	3
SPECIAL SHEETS (SS)	4-9
TRAFFIC CONTROL SHEETS (TC)	10-14
BRIDGE DRAWINGS (B)	
B0340	1-4

OF MISSO HYAN JOSEPH JUBBERT NUMBER PO-2000019979 De-2000019979 NAL ENGINEER OF MINISTRAN MO-FE-2000019879							
DATE PE	REPARED						
6/17/	2024						
ROUTE	STATE						
А	MO						
DISTRICT	SHEET NO.						
CD	1						
cou	NTY						
	IDEN						
	NO.						
	3578						
CONTRA	CT ID.						

PROJECT NO

DESCRIPTION				
ATE				

				TRA ON	105
IGTH OF	ENGTH OF PRO	JECT		AND SSIC	
				SIM	
	IING L.M.	0.122		GHWAYS COMMI	
	D L.M.	26.205		≨ 5	\cup 33
NGTH :	LENGTH 137,718	3.24	FEET	5	\wedge W
XCEPTIONS	D EXCEPTIONS			Ï	
095	A2095			= -	~0 <i> </i> //
	IING L.M.	9.746		SOURI	7 (6
	D L.M.	9.808		SC	~ C

BEGIN ΕNI STATE BRIDGE A4518 BEGINNING ..M. 13.524 L.M. 13.584 FND TATE BRIDGE A2096 L.M. 21.572 BEGINNING L.M. 21.598 STATE BRIDGE A2097 L.M. 23.704 BEGINNING

TOTAL CORRECTIONS	-924.00	FEET
NET LENGTH OF PROJECT	136,794.24	FEET
STATE LENGTH	25.908	MILES

L.M. 23.731

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. FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES

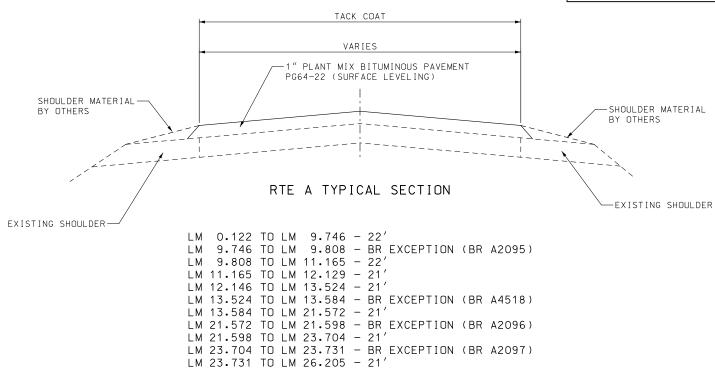
ISSOURI HIGHWAYS AND TRANSPOF	<u> </u>			105 WEST	JEFFERSON CITY, !	1-888-ASK-MODOT (1-888-2 [°]
WAYS AND T	7 7 7 7				FERS	1000
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WAY	5	(){		1	١	8-A
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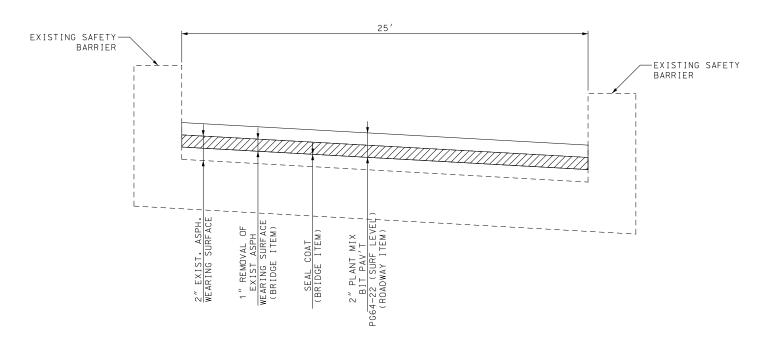
FENCE CHAIN LINK WOVEN WIRE GATE POST \boxtimes BENCHMARK

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	2.000	TON/YD
TACK COAT	0.08	GAL/YD2



NOTE: SURFACE PLACEMENT SHALL BE ONE PASS PER LANE NO S.E. CORRECTION.



RTE A TYPICAL SECTION (BR B0340)

LM 12.129 TO LM 12.146

7	MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION MODOT 105 WEST CAPITOL	DATE	DESCRIPTION	BRIDGE NO.	CONTRACT ID.	CAMDEN JOB NO. J5S3578	DISTRICT SHEET CD 2	6/25/2024 ROUTE STAT A MC	06/28/2024 6:46:49 AM RYAN JOSEPH LIBBERT - CI MO-PE-2006019679 DATE PREPARED	11.88/ONAL ENGLIS	RYAN JOSEPH LIBBERT NUMBER PE-2006019679	THE OF MISSO
	JEFFERSON CITY. MO 65102 1-888-ASK-MODOT (1-888-275-6636)						NO.	TE)		i.	THE COLL	

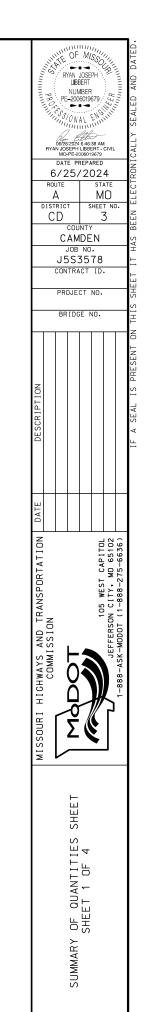
TYPICAL SECTION SHEET 1 OF 1

	REMOVAL OF IMPROVEMENTS									
LOG										
MILE	LOCATION	ITEM	QUANTITY	UNIT	REMARKS					
GUARDRA	IL (SEE GU	ARDRAIL SHEETS FOR DETA	(ILS)							
0.122	RTE A - L+.	GUARDRAIL W/ POSTS	275	LF	REMOVE GUARDRAIL AND CET					
0.122	RTE A - Rt.	GUARDRAIL W/ POSTS	275	LF	REMOVE GUARDRAIL AND CET					
12.129	RTE A - L+.	GUARDRAIL W/ POSTS	68	LF	CET, GR, AND BRIDGE APPROACH SECTION					
12.129	RTE A - Rt.	GUARDRAIL W/ POSTS	68	LF	CET, GR, AND BRIDGE APPROACH SECTION					
12.146	RTE A - L+.	GUARDRAIL W/ POSTS	68	LF	BRIDGE APPROACH SECTION, GR, AND CET					
12.146	RTE A - Rt.	GUARDRAIL W/ POSTS	68	LF	BRIDGE APPROACH SECTION, GR, AND CET					
13.524	RTE A - L+.	GUARDRAIL W/ POSTS	140	LF	CET, GR, AND BRIDGE APPROACH SECTION					
13.524	RTE A - Rt.	GUARDRAIL W/ POSTS	140	LF	CET, GR, AND BRIDGE APPROACH SECTION					
13.584	RTE A - L+.	GUARDRAIL W/ POSTS	140	LF	BRIDGE APPROACH SECTION, GR, AND CET					
13.584	RTE A - Rt.	GUARDRAIL W/ POSTS	140	LF	BRIDGE APPROACH SECTION, GR, AND CET					
		SUBTOTAL (1)	1 LUMP SU	JM						

		GRAVEL	(A) OF	R CRUSH	ED STONE	(B)
LOG MILE	LOG MILE	LENGTH	WIDTH	DEPTH	QUANTITY	
FROM	TO	(FT)	(FT)	(IN)	(TONS)	REMARKS
RTE A						
0.122	26.153	VARIES	2	1	1,310.0	
				TOTAL	1,310.0	
				USE	1,310	

MOBILIZATION
1 LUMP SUM

					GUAR	DRAIL			
					MGS	TYPE A			
					BRIDGE	CRASHWORTHY	MGS		
					APPROACH	END	HEIGHT &	SHAPING	
LOG	l Log l			MGS	TRANS. SECT.	TERMINAL	BLOCK	SLOPES	
MILE	MILE			GUARDRAIL	REG/ NO CURB	(MASH)	TRANSITION	CLASS 3	REMARKS
то	FROM	LOCATION	LENGTH	LF	EA	EA	EA	STA	
0.122	0.174	RTE A - L+.	275	225		1		0.75	TIE INTO EX. MGS GR
0.122	0.174	RTE A - R+.	275	200		1	1	0.75	TIE INTO EX. TYPE A GR
12,103	12.129	RTE A - L+.	137.5	50	1	1		0.75	EAST OF BR B0340
12.093	12,129	RTE A - R+.	187.5	100	1	1		0.75	EAST OF BR B0340
12,146	12.182	RTE A - L+.	187.5	100	1	1		0.75	WEST OF BR B0340
12,146	12.172	RTE A - R+.	137.5	50	1	1		0.75	WEST OF BR B0340
13.498	13.524	RTE A - L+.	137.5	50	1	1		0.75	EAST OF BR A4518
13.488	13.524	RTE A - R+.	187.5	100	1	1		0.75	EAST OF BR A4518
13,584	13.620	RTE A - L+.	187.5	100	1	1		0.75	WEST OF BR A4518
13.584	13.610	RTE A - R+.	137.5	50	1	1		0.75	WEST OF BR A4518
			TOTAL	1025	8	10	1	7.50	
			USE	1025	8	10	1	8	



	В	ITUMINO	US PAVE	MENT N	/IXTURE	PG64-	-22 (SUF	RFACE LE	VELING)
			. = 1, 2 = 1		AVERAGE		D. 12.2	T.1.0.11	
LOG	LOG	LOCATION	LENGTH	WIDTH	WIDTH	NESS	PMBP	TACK	DEMARKS
MILE	MILE	LOCATION	(FI)	(FT)	(FT)	(IN)	(TONS)	(GAL)	REMARKS
RTE A	9.746	RTE A	50,814.7	22	22	1	6,900.8	9,937.1	START PROJECT
9.746	9.808	RTE A	30,014.1		22		0,300.0	3,331.1	BR A2095 EXCEPTION
9.808	11.133	RTE A	6,996.0	22	22	1	950.1	1,368.1	
11.133	11.165	RTE A	VAR		VAR	1	59.3	85.4	INTERSECTION 9,608 SQFT
11.165	12.129	RTE A	5,089.9	21	21	1	659.8	950.1	DD 00740
12.129	12.146	RTE A RTE A	85.0 7,275.8	25 21	25 21	2 1	26.2 943.2	18.9 1,358.2	BR B0340
13.524	13.584	RTE A	14213.0	21	21	'	343.2	1,7330.2	BR A4518 EXCEPTION
13.584	21.572	RTE A	42,176.6	21	21	1	5,467.3	7,873.0	
21.572	21.598	RTE A							BR A2096 EXCEPTION
21.598	23.704	RTE A RTE A	11,119.7	21	21	1	1,441.4	2,075.7	BR A2097 EXCEPTION
23.731	23.731	RTE A	13,062.7	21	21	1	1,693.3	2,438.4	END PROJECT
0.289		RTE A - L+.	155.00		2	1	1.91	2.8	PRICE LN
0.369		RTE A - Rt.	75.00		2	1	0.93	1.3	PE
0.548		RTE A - L+.	62.00 33.00		2	1	0.77	1.1 0.6	PE PE
0.626		RTE A - LT.	28.00		2	1	0.41	0.5	PE PE
0.647		RTE A - Rt.	28.00		2	1	0.35	0.5	PE
0.707		RTE A - L+.	VAR		VAR	1	38.3	55.2	MIDWAY DR 6,207 SQFT
0.798		RTE A - L+.	32.00		2	1	0.40	0.6	PE
0.817		RTE A - Rt.	27.00		2	1	0.33	0.5	PE POSEWOOD IN
0.857		RTE A - Rt. RTE A - Lt.	52.00 56.00		2	1	0.64	0.9 1.0	ROSEWOOD LN CAPSTONE LN
1.058		RTE A - Rt.	43.00		2	1	0.53	0.8	GINNY DR
1.078		RTE A - L+.	61.00		2	1	0.75	1.1	PRAIRE ROSE DR
1.358		RTE A - L+.	29.00		2	1	0.36	0.5	PE
1.630		RTE A - Rt.	45.00		2	1	0.56	0.8	ARMSTRONG LN
1.898		RTE A - Rt.	48.00		2	1	0.59 0.56	0.9	MONARCH LN PE
2.079		RTE A - Rt. RTE A - Rt.	45.00 55.00		2	1	0.56	0.8 1.0	HACKBERRY TREE LN
2.137		RTE A - Rt.	19.00		2	1	0.23	0.3	PE
2.158		RTE A - Rt.	26.00		2	1	0.32	0.5	PE
2.185		RTE A - Rt.	24.00		2	1	0.30	0.4	PE
2.436		RTE A - L+.	65.00		2	1	0.80	1.2	THOUSAND ACRES RD
2.620		RTE A $-$ L+.	21.00 46.00		2	1	0.26 0.57	0.4	PE PE
2.856		RTE A - L+.	18.00		2	1	0.22	0.3	PE
3.056		RTE A - Rt.	27.00		2	1	0.33	0.5	PE
3.136		RTE A - R+.	33.00		2	1	0.41	0.6	PE
3.280		RTE A - Rt.			2	1	0.19	0.3	PE
3.416 3.594		RTE A - R+. RTE A - R+.			2 10	1	0.31 7.84		PE LOWELL WILLIAMS RD
4.840		RTE A - Rt.	31.00		2	1	0.38	0.6	PE
4.855		RTE A - Rt.			2	1	0.37	0.5	PE
4.973		RTE A - R+.	20.00		2	1	0.25	0.4	PE
5.074		RTE A - Rt.	20.00		2	1	0.25	0.4	PE
8.570 14.901		RTE A - Rt. RTE A - Lt.	42.00 VAR		2 VAR	1	0.52 37.0	0.7 53.2	PE RTE C 5,988 SQ FT
16.670		RTE A - Lt.	138.00		2	1	1.70	2.5	BLACK OAK RD
24.343		RTE A - R+.	23.00		2	1	0.28	0.4	PE
24.901		RTE A - L+.	36.00		2	1	0.44	0.6	PE
24.961		RTE A - Rt.	16.00		2	1	0.20	0.3	PE
25.602		RTE A - Rt. RTE A - Lt.	22.00 42.00		2	1	0.27 0.52	0.4	PE CAROL CT
25.663		RTE A - LT.	42.00		2	1	0.52	0.7	CAROL CT
25.742		RTE A - L+.	57.00		2	1	0.70	1.0	MCCLAIN ST
25.782		RTE A - L+.	52.00		2	1	0.64	0.9	CEDAR DR
25.820		RTE A - R+.	24.00		2	1	0.30	0.4	PE
25.842		RTE A - L+.	30.00		2	1	0.37	0.5	LACY DR
25.882 25.980		RTE A - R+.	68.00 34.00		2	1	0.84	1.2 0.6	FLORA DR PE
25.990		RTE A - L+.			2	1	0.78	1.1	PE
26.042		RTE A - L+.	39.00		2	1	0.48	0.7	TAYLOR ST
26.042		RTE A - R+.	44.00		2	1	0.54	0.8	TAYLOR ST
					CULTOT	TAI / 4 \	10 050 1	20 204 4	
					PORIO	AL (1)	18,250.1	20,201.4	
\Box									I .

	E	BITUMINO	US PAVE	MENT N	/IXTURE	PG64-	-22 (SUF	RFACE LE	VELING)
					AVERAGE	THICK-			
LOG	LOG		LENGTH	WIDTH	WIDTH	NESS	PMBP	TACK	
MILE	MILE	LOCATION	(FT)	(FT)	(FT)	(IN)	(TONS)	(GAL)	REMARKS
RTE A	- CONTI	NUED							
26.082		RTE A - L+.	43.00		2	1	0.53	0.8	MILRDRED AVE
26.082		RTE A - Rt.	33.00		2	1	0.41	0.6	MILDRED ST
26.120		RTE A - L+.	28.00		2	1	0.35	0.5	PE
26.162		RTE A - Rt.	52.00		2	1	0.64	0.9	HUSTON ST
					SUBTO	TAL (2)	1.9	2.8	
					SUBTO	TAL (1)	18,250.1	26,261.4	PAVEMENT RTE A SUBTOTAL
							1,825.2		10% FOR IRREGULARITIES
						TOTAL	20,077.2	26,264.2	
						USE	20,077.2	26,264	

"HIIIIIIIII		PE P	AN LIBE NUM -200	JOSE BERT IBER 60190 6:46: 46: 46: 46: 46: 46: 46: 46: 46: 4	PH 579 579 525 AN THE PH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Mannana	NICALLY SEALED AND DATED.
	ROI A DIST C	TRIC D CON	T COU AM	V20	78 ID	4 IO T NO 3).	SHEET IT HAS BEEN ELECTRONICA
		BR	IDO	E M	10.			ON THIS
DESCRIPTION								IF A SEAL IS PRESENT ON THIS SHEET I
DATE								
MISSOURI HIGHWAYS AND TRANSPORTATION	COMMISSION		MODOT		105 WEST CAPITOL	JEFFERSON CITY, MD 65102	1-888-ASK-MODOT (1-888-275-6636)	
			SUMMARY OF QUANTITIES SHEET	SHEET 2 OF 4				

			PAVEMENT MA		
	,	W	ATERBORNE PAINT		
LOG MILE	LOG MILE	LENGTH FT	4" SOLID YELLOW LF	4" SOLID WHITE LF	REMARKS
RTE A			<u> </u>		
0.122	4.055	20766.24	41,532.5	41,532.5	NO PASS
4.055	4.215	844.80	1,056.0	1,689.6	RIGHT PASS - LEFT NO PASS
4.215 4.370	4.370 4.554	818.40 971.52	1,023.0	1,636.8 1,943.0	RIGHT NO PASS - LEFT PASS NO PASS
4.554	4.674	633.60	792.0	1,267.2	RIGHT PASS - LEFT NO PASS
4.674	4.713	205.92	411.8	411.8	NO PASS
4.713	4.820	564.96	706.2	1,129.9	RIGHT NO PASS - LEFT PASS
4.820	6.293	7777.44	15,554.9	15,554.9	NO PASS
6.293	6.393	528.00	660.0	1,056.0	RIGHT PASS - LEFT NO PASS NO PASS
6.393 6.453	6.453 6.552	316.80 522.72	633.6 653.4	633.6	RIGHT NO PASS - LEFT PASS
6.552	6.853	1589.28	397.3	3,178.6	NO PASS
6.853	7.012	839.52	1,049.4	1,679.0	RIGHT PASS - LEFT NO PASS
7.012	7.133	638.88	1,277.8	1,277.8	BOTH LANES PASS
7.133	7.272	733.92	917.4	1,467.8	RIGHT NO PASS - LEFT PASS
7.272	7.950 8.050	3579.84	7,159.7 660.0	7,159.7	NO PASS
7.950 8.050	8.050	528.00 264.00	528.0	1,056.0 528.0	RIGHT PASS - LEFT NO PASS BOTH LANES PASS
8.100	8.250	792.00	990.0	1,584.0	RIGHT NO PASS - LEFT PASS
8.250	8.310	316.80	633.6	633.6	NO PASS
8.310	8.490	950.40	1,188.0	1,900.8	RIGHT PASS - LEFT NO PASS
8.490	8.550	316.80	633.6	633.6	BOTH LANES PASS
8.550	8.709	839.52	1,049.4	1,679.0	RIGHT NO PASS - LEFT PASS
8.709 8.949	8.949 9.089	1267.20 739.20	316.8 924.0	2,534.4 1,478.4	NO PASS RIGHT PASS - LEFT NO PASS
9.089	9.129	211.20	422.4	422.4	NO PASS
9.129	9.249	633.60	792.0	1,267.2	RIGHT NO PASS - LEFT PASS
9.249	9.631	2016.96	4,033.9	4,033.9	NO PASS
9.631	9.771	739.20	924.0	1,478.4	RIGHT PASS - LEFT NO PASS
9.771 9.831	9.831 9.951	316.80	633.6 792.0	633.6	BOTH LANES PASS
9.951	10.746	633.60 4197.60	8,395.2	1,267.2 8,395.2	RIGHT NO PASS - LEFT PASS NO PASS
10.746	10.888	749.76	937.2	1,499.5	RIGHT PASS - LEFT NO PASS
10.888	10.907	100.32	200.6	200.6	BOTH LANES PASS
10.907	10.988	427.68	106.9	855.4	RIGHT NO PASS - LEFT PASS
10.988	12.047	5591.52	11,183.0	11,183.0	NO PASS
12.047	12.167 12.187	633.60 105.60	158.4 211.2	1,267.2	RIGHT PASS - LEFT NO PASS BOTH LANES PASS
12.187	12.325	728.64	910.8	1,457.3	RIGHT NO PASS - LEFT PASS
12.325	13.445	5913.60	11,827.2	11,827.2	NO PASS
13.445	13.586	744.48	930.6	1,489.0	RIGHT PASS - LEFT NO PASS
13.586	13.726	739.20	1,478.4	1,478.4	BOTH LANES PASS
13.726	13.845	628.32 871.20	785.4	1,256.6	RIGHT NO PASS - LEFT PASS
13.845	14.010	596.64	1,742,4 745.8	1,742.4	NO PASS RIGHT PASS - LEFT NO PASS
14.123	14.263	739.20	1,478.4	1,478.4	NO PASS
14.263	14.342	417.12	521.4	834.2	RIGHT PASS - LEFT NO PASS
14.342	14.422	422.40	844.8	844.8	NO PASS
14.422	14.502	1051.00	1,313.8	2,102.0	RIGHT NO PASS - LEFT PASS
14.502	15.881 16.000	7281.12 628.32	14,562.2	14,562.2	NO PASS RIGHT PASS - LEFT NO PASS
16.000	16.030	158.40	316.8	316.8	NO PASS
16.030	16.140	580.80	145.2	1,161.6	RIGHT NO PASS - LEFT PASS
16.140	16.741	3173.28	6,346.6	6,346.6	NO PASS
16.741	16.821	422.40	528.0	844.8	RIGHT PASS - LEFT NO PASS
16.821	16.860	205.92	411.8	411.8	NO PASS
16.860	16.959 18.701	522.72 9197.76	130.7	1,045.4 18,395.5	RIGHT NO PASS - LEFT PASS NO PASS
18.701	18.861	844.80	1,056.0	1,689.6	RIGHT PASS - LEFT NO PASS
18.861	18.921	316.80	633.6	633.6	BOTH LANES PASS
18.921	19.080	839.52	209.9	1,679.0	RIGHT NO PASS - LEFT PASS
19.080	19.201	638.88	1,277.8	1,277.8	NO PASS
19.201	19.341	739.20	924.0	1,478.4	RIGHT PASS - LEFT NO PASS
19.341	19.401 19.541	316.80 739.20	633.6 924.0	633.6	BOTH LANES PASS RIGHT NO PASS - LEFT PASS
13.401	13.341	139.20	324•U	1,410.4	MIGHT NO FASS - LEFT PASS
	SII	BTOTAL (1)	178,960.4	205,292.2	
OTE: ALL			MATCH EXISTING		E MILLING OR RESURFACING

	PAVEMENT MARKINGS						
			WATERBORNE PAINT	, TYPE P BEADS			
LOG MILE	LOG MILE	LENGTH FT	4" SOLID YELLOW LF	4" SOLID WHITE LF	REMARKS		
RTE A	•	•			•		
19.541	20.100	2951.52	5,903.0	5,903.0	NO PASS		
20.100	20.240	739.20	924.0	1,478.4	RIGHT PASS - LEFT NO PASS		
20,240	20.361	638.88	1,277.8	1,277.8	BOTH LANES PASS		
20.361	20.520	839.52	1,049.4	1,679.0	RIGHT NO PASS - LEFT PASS		
20.520	20.541	110.88	221.8	221.8	NO PASS		
20.541	20.661	633.60	792.0	1,267.2	RIGHT PASS - LEFT NO PASS		
20.661	20.701	211.20	422.4	422.4	NO PASS		
20.701	20.830	681.12	851.4	1,362.2	RIGHT NO PASS - LEFT PASS		
20.830	22.139	6911.52	13,823.0	13,823.0	NO PASS		
22.139	22.239	528.00	660.0	1,056.0	RIGHT NO PASS - LEFT PASS		
22.239	22.663	2238.72	4,477.4	4,477.4	NO PASS		
22.663	22.802	733.92	917.4	1,467.8	RIGHT PASS - LEFT NO PASS		
22.802	25.081	12033.12	24,066.2	24,066.2	NO PASS		
25.081	25.161	422.40	528.0	844.8	RIGHT PASS - LEFT NO PASS		
25.161	25.281	633.60	1,267.2	1,267.2	BOTH LANES PASS		
25.281	25.419	728.64	910.8	1,457.3	RIGHT NO PASS - LEFT PASS		
25.419	26.205	4150.08	8,300.2	8,300.2	NO PASS		
	SU	BTOTAL (2)	66,392.0	70,371.8	+		
	SU	BTOTAL (1)	178,960.4	205,292.2			
		TOTAL	245,352.4	275,664.0			
		USE	245,352	275,664			
IOTE: ALI	PAVEMENT	MARKINGS 7	O MATCH EXISTING	. LOCATE BEFORE	MILLING OR RESURFACING		

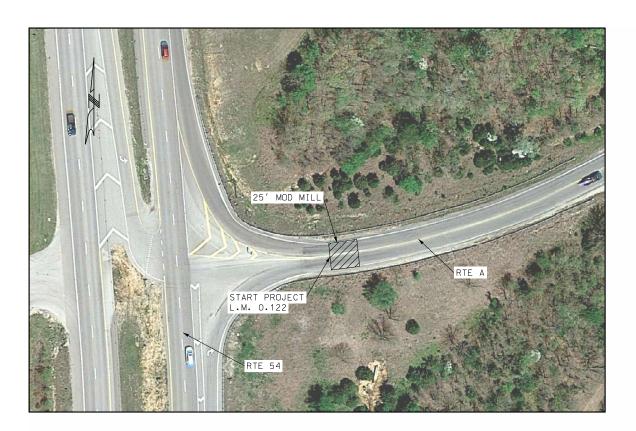


		MODIFIE	COLD	MILLI	NG (DEPTH	TRANSITIONS)		
				AVG.	MOD.			
LOG	LOG	LOCATION	LENGTH	WIDTH	COLDMILLING	REMARKS		
MILE	MILE		(FT)	(FT)	(SY)			
RTE A	RTE A							
0.122	0.131	RTE A	25.00	22	61.1	BEGIN PROJECT (RTE. A)		
0.707		RTE A - L+.	10.00	22	24.4	MIDWAY DR		
9.741	9.747	RTE A	31.50	22	69.1	EAST OF BRIDGE A2095		
9.807	9.813	RTE A	31.50	22	69.1	WEST OF BRIDGE A2095		
11.151		RTE A	25.00	22	61.1	RTE E INTERSECTION		
13.518	13.525	RTE A	40.00	21	75.8	EAST OF BRIDGE A4518		
13.583	13.590	RTE A	40.00	21	75.8	WEST OF BRIDGE A4518		
21.567	21.572	RTE A	25.00	21	58.3	EAST OF BRIDGE A2096		
21.598	21.603	RTE A	25.00	21	58.3	WEST OF BRIDGE A2096		
23.699	23.705	RTE A	32.00	21	66.5	EAST OF BRIDGE A2097		
23.730	23.736	RTE A	32.00	21	66.5	WEST OF BRIDGE A2097		
26.203	26.205	RTE A	10.00	21	23.3	END PROJECT (RTE A)		
				TOTAL	709.3			
				USE	709			

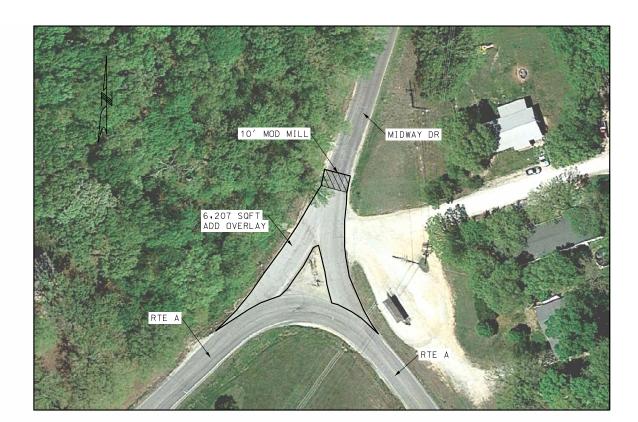
			(CONSTR	UCTION S	IGNS
SIGN NO	SIGN	SIZE (IN)	AREA (SF)	QTY (EA)	TOTAL AREA (SF)	DESCRIPTION
2	W020-1	48 × 48	16	11	176	ROAD WORK AHEAD
7	W020-4	48 × 48	16	5	80	ONE LANE ROAD AHEAD
8	W020-7a	48 × 48	16	11	176	FLAGGER (SYMBOL) WITH FLAGS
1	G020-1	60 x 24	10	2	20	ROAD WORK NEXT 26 MILES
26	G020-2	48 × 24	8	2	16	END ROAD WORK
35	WO8-12	48 × 48	16	30	480	NO CENTER LINE
36	WO8-11	48 × 48	16	56	896	UNEVEN LANES
53	G020-4	36 × 18	4.5	1	4.5	PILOT CAR FOLLOW ME
58	G020-4a	42 × 30	8.75	1	8.75	PILOT CAR IN USE WAIT & FOLLOW
58	G020-4a	18 × 12	1.5	6	9.0	PILOT CAR IN USE WAIT & FOLLOW
11	WO3-4	48 × 48	16	2	32	BE PREPARED TO STOP
59	CONST-8	48 × 36	12	7	84	WORK ZONE NO PHONE ZONE
-	G022-1	21 x 15	2.19	2	4.38	WET PAINT (ARROW PIVOTS)
616-10	• 05			TOTAL	1,986.63	
CONSTR	UCTION	SIGNS		USE	1987	

	CONSTRUCTION ITEMS						
ITEM NO	QTY	DESCRIPTION					
616-10.25	100	CHANNEL I ZERS					
616-10.99	2	CHANGEABLE MESSAGE SIGNS					

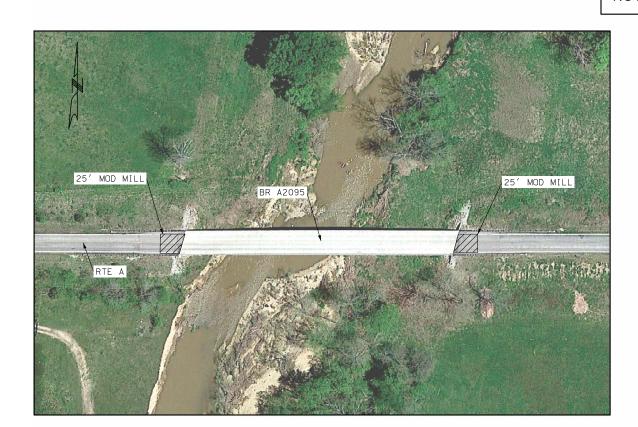
SUMMARY OF QUANTITIES SHEET SHEET 4 OF 4	MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITOL HEFFERSON CITY. MD 65102	DATE	DESCRIPTION	BRIDGE NO.	J5S3578 CONTRACT ID. PROJECT NO.	CD 3 COUNTY CAMDEN JOB NO.	6/25/2024 ROUTE STATE A MO	06/28/2024 6:46:08 AM RYAN JOSEPH LIBBERT - CIVII MO-PE-2006019679 DATE PREPARED	UBBERT NUMBER PE-2006019679	PYAN JOSEPH
	1-888-ASK-MODOT (1-888-275-6636)					10.		L	WHITTHE	



RTE A L.M. 0.122 START PROJECT



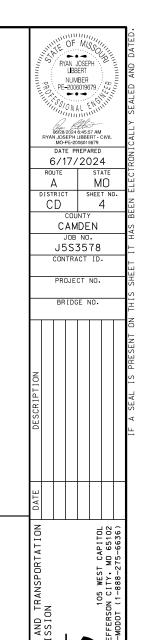
RTE A L.M. 0.707



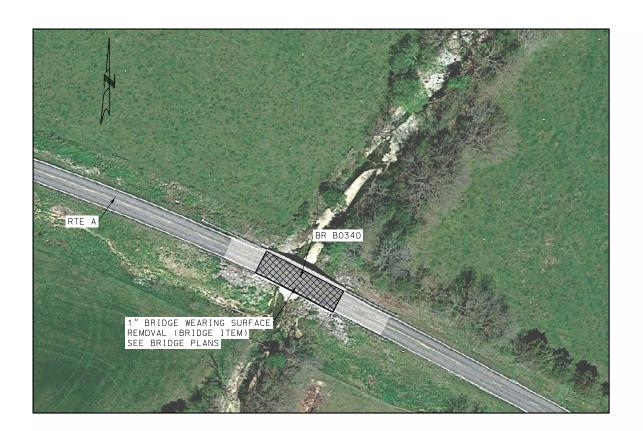
RTE A L.M. 9.777 BR A2095 EXCEPTION



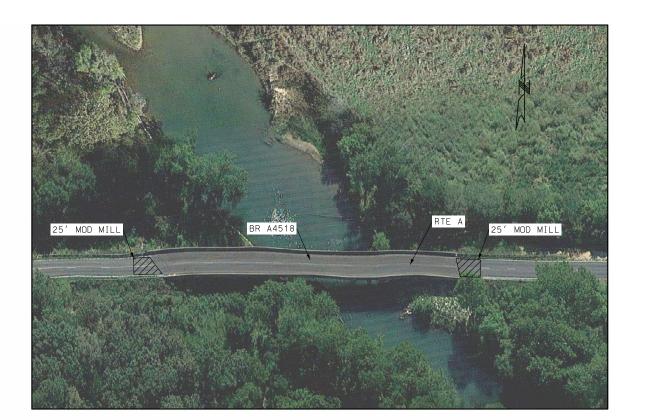
RTE A L.M. 11.151 RTE E INTERSECTION



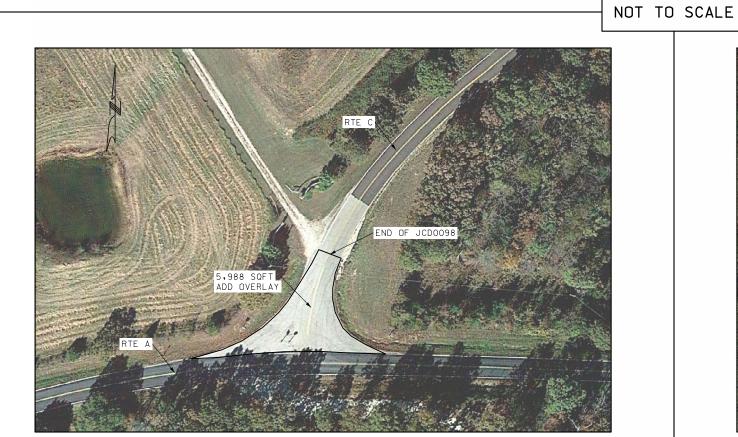
SPECIAL SHEET AILLING & PAVEMENT DETAIL SHEET 1 OF 6



RTE A L.M. 12.138 BR B0340



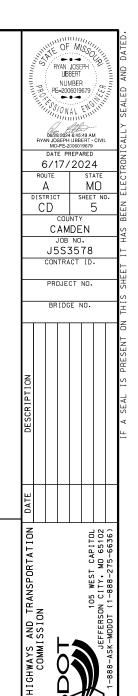
RTE A L.M. 13.556 BR A4518 EXCEPTION



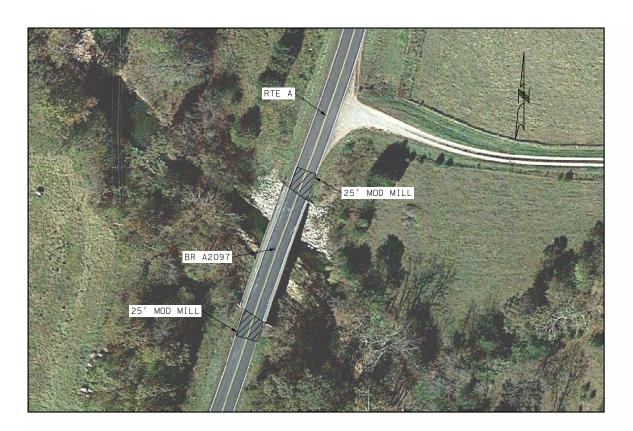
RTE A L.M. 14.901 RTE C INTERSECTION



RTE A L.M. 21.585 BR A2096 EXCEPTION



SPECIAL SHEET MILLING & PAVEMENT DETAIL SHEET 2 OF 6



RTE A L.M. 23.718 BR A2097 EXCEPTION

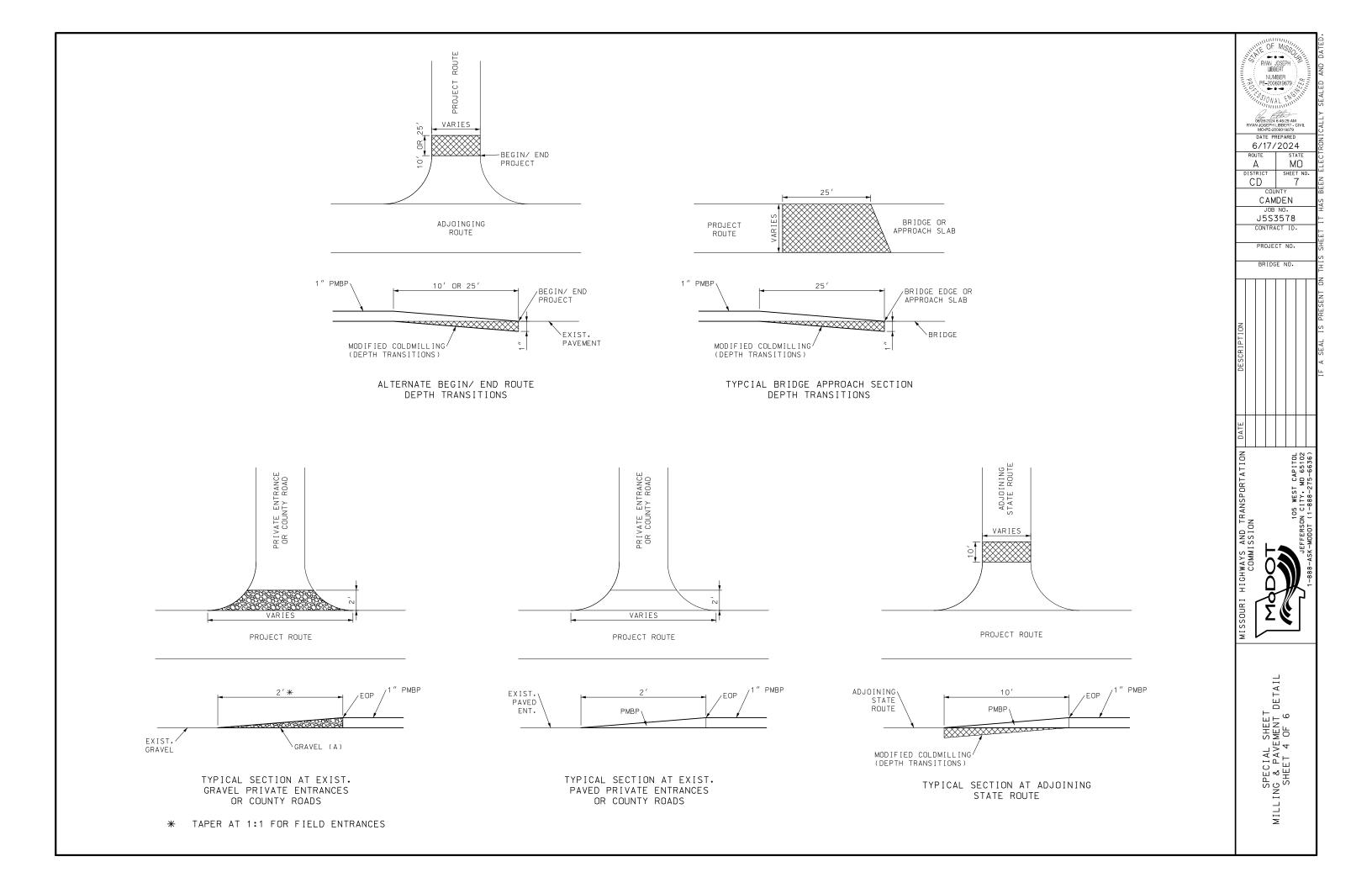


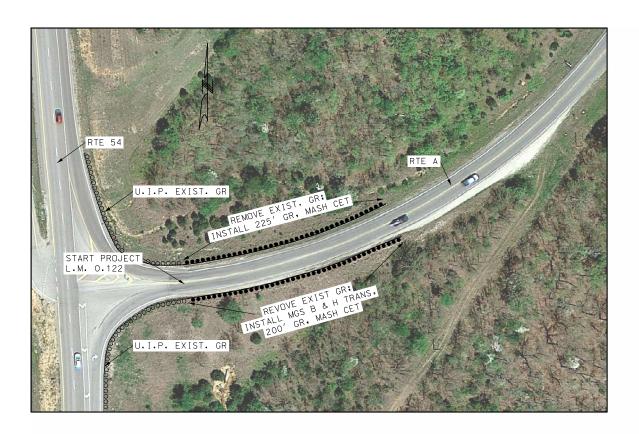
RTE A L.M. 26.205 END PROJECT



NOT TO SCALE

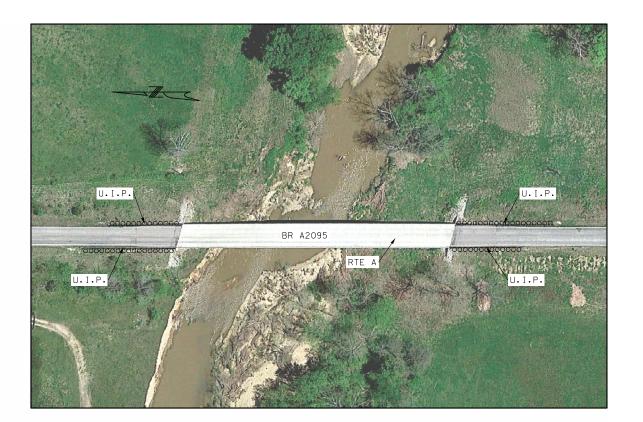
SPECIAL SHEET MILLING & PAVEMENT DETAIL SHEET 3 OF 6
--



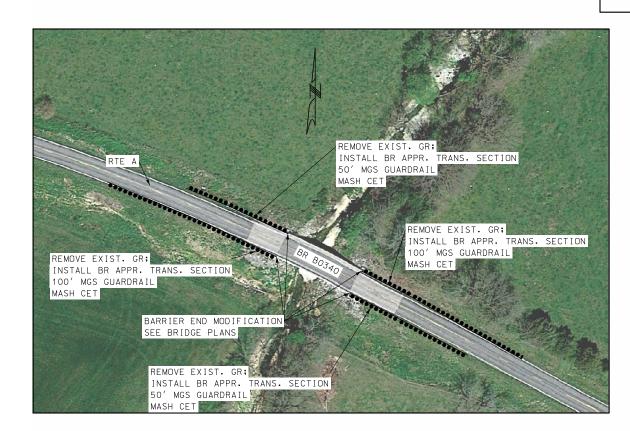


RTE A L.M. 0.122 START PROJECT

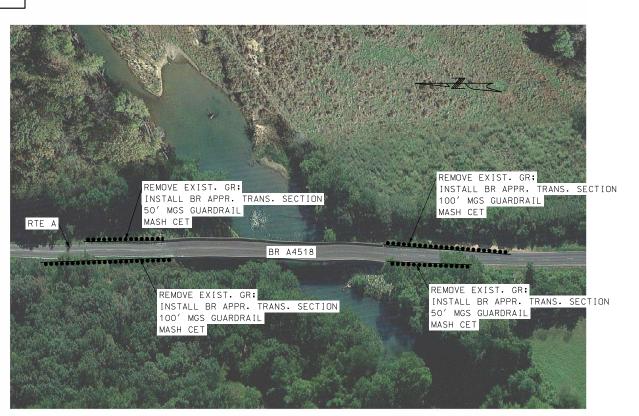
NOT TO SCALE



RTE A L.M. 9.745 BR A2095



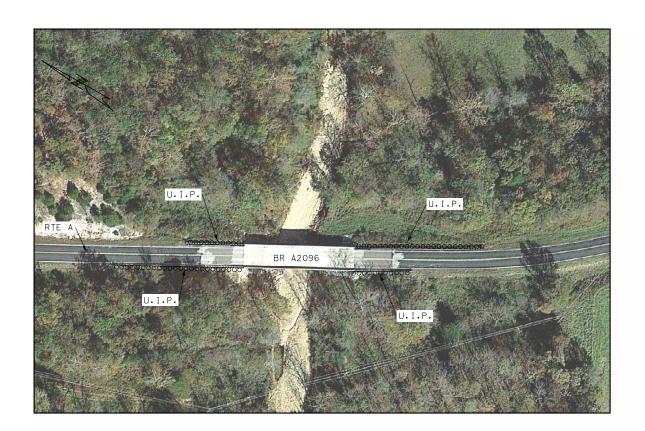
RTE A L.M. 12.138 BR B0340



RTE A L.M. 13.556 BR A4518

6/17/2024 Α MO SHEET NO CD 8 CAMDEN JOB NO. J5S3578 CONTRACT ID. PROJECT NO. BRIDGE NO.

SHEET DETAIL OF 6



RTE A L.M. 21.585 BR A2096



RTE A L.M. 23.718 BR A2097



DATE PREPARED 6/17/2024

ROUTE STATE

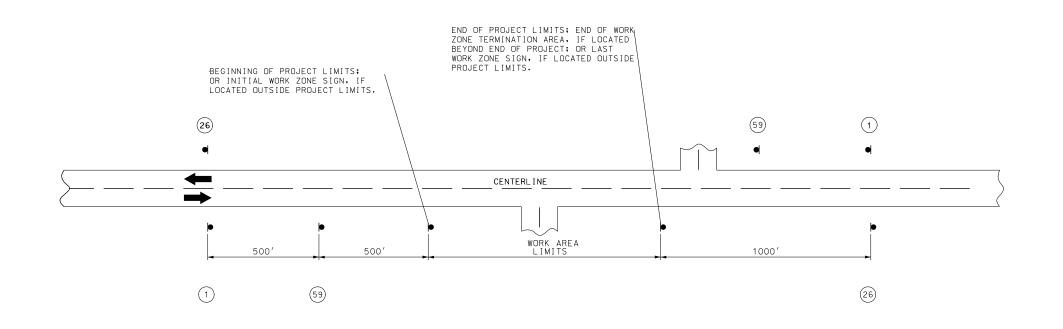
A MO

DISTRICT SHEET NO.

CD 9

COUNTY
CAMDEN
JOB NO.
J5S3578
CONTRACT ID.

NOT TO SCALE



NOTES:

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

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

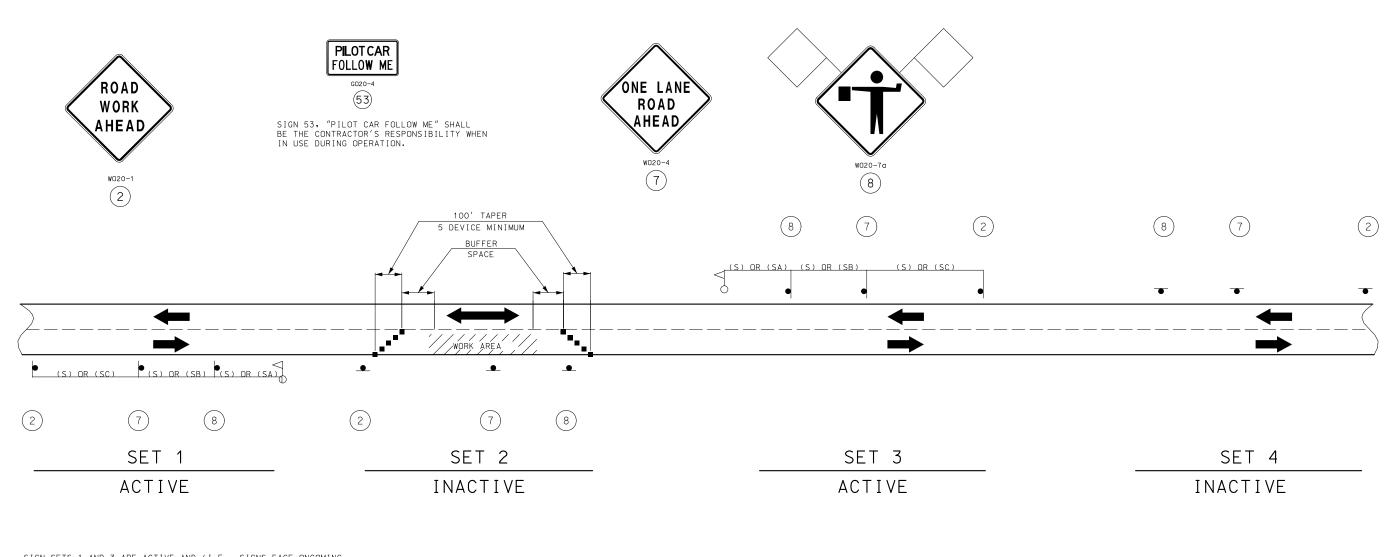
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



RYAN JOSEPH LIBBERT NUMBER PE-2006019679 6/17/2024 Α MO SHEET NO. DISTRICT CD CAMDEN JOB NO.
J5S3578
CONTRACT ID. PROJECT NO. BRIDGE NO. 2 TRAFFIC CONTROL SHEET 1 OF 5 OF.

TRAFFIC CONTROL PLAN

SHEET 1 OF 5



SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING 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

NOTES:

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.

SPEED	SIGN SPAC	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

PERMANENT POSTED	BUFFER SPACE
SPEED LIMIT	LENGTH
(MPH)	(FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

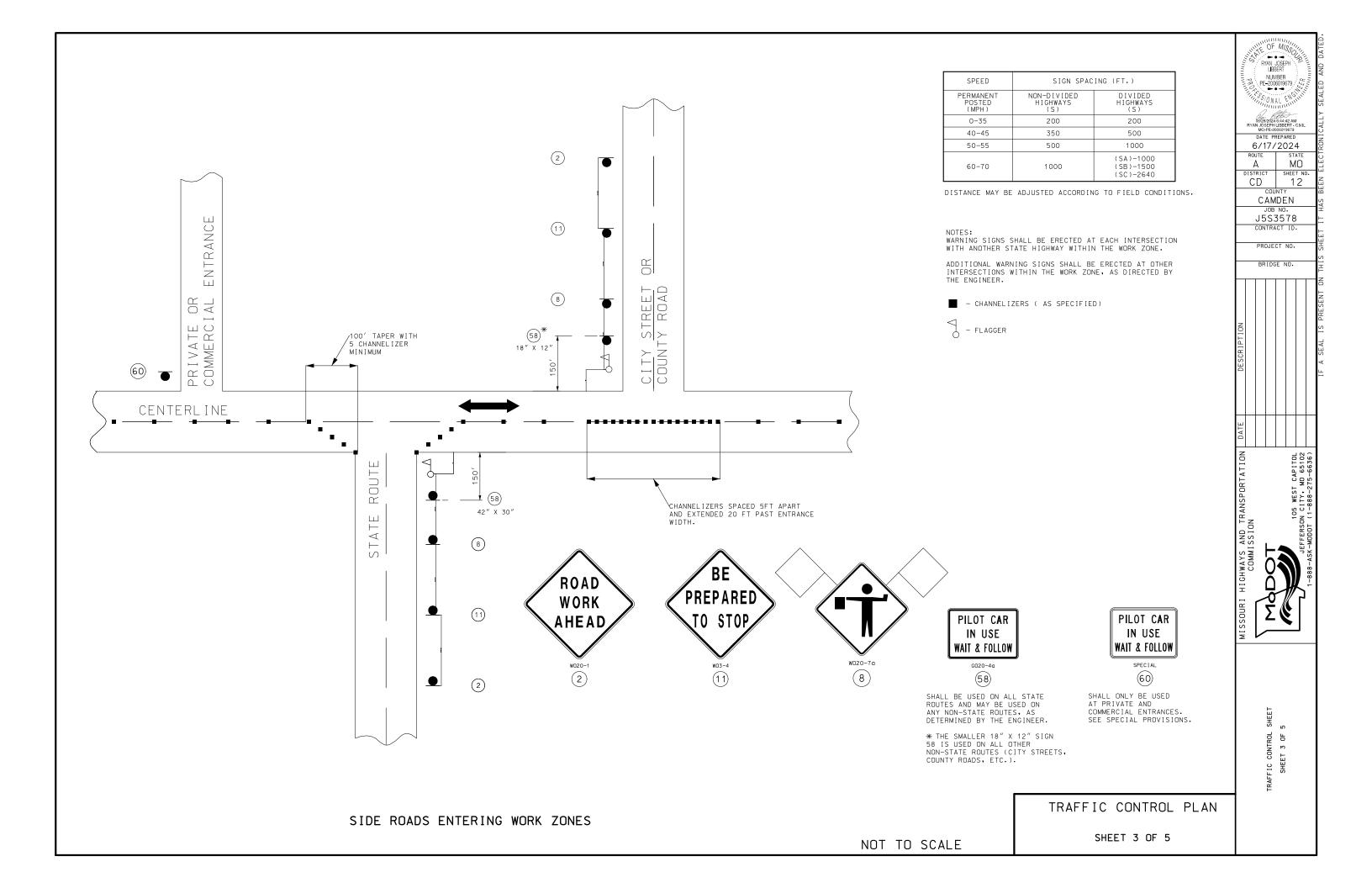
NOT TO SCALE

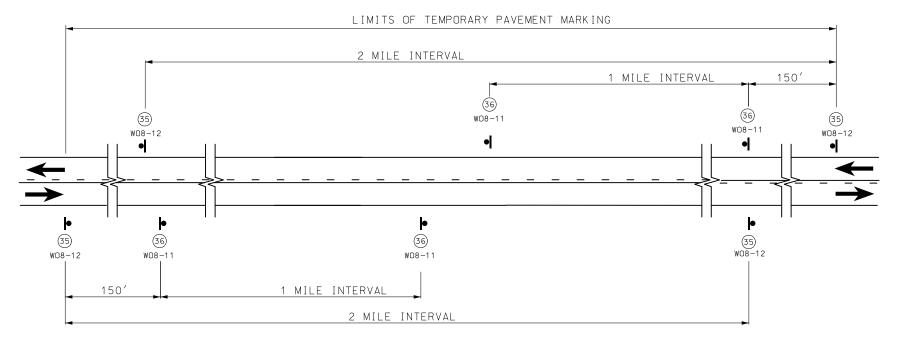
TRAFFIC CONTROL PLAN
SHEET 2 OF 5

RYAN JOSEPH
INDERENT NUMBER
NUMBER
PREZOROGING 78 PHEZOROGING 78 P

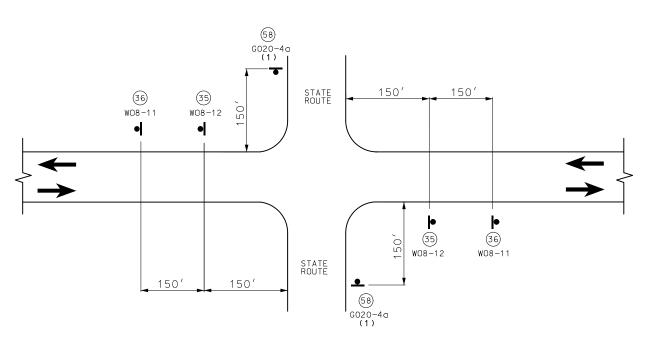
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
1-888-8 KK-WINDOT (1.988-275-66745)

RAFFIC CONTROL SHEET SHEET SHEET





SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE

(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.





NOTES:

PILOT CAR

IN USE

WAIT & FOLLOW

G020-4a

(58)

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 PLAN

NOT TO SCALE

SHEET 4 OF 5

6/17/2024 Δ MΩ SHEET NO DISTRICT CD 13 CAMDEN J5S3578 CONTRACT ID. PROJECT NO. BRIDGE NO.

2

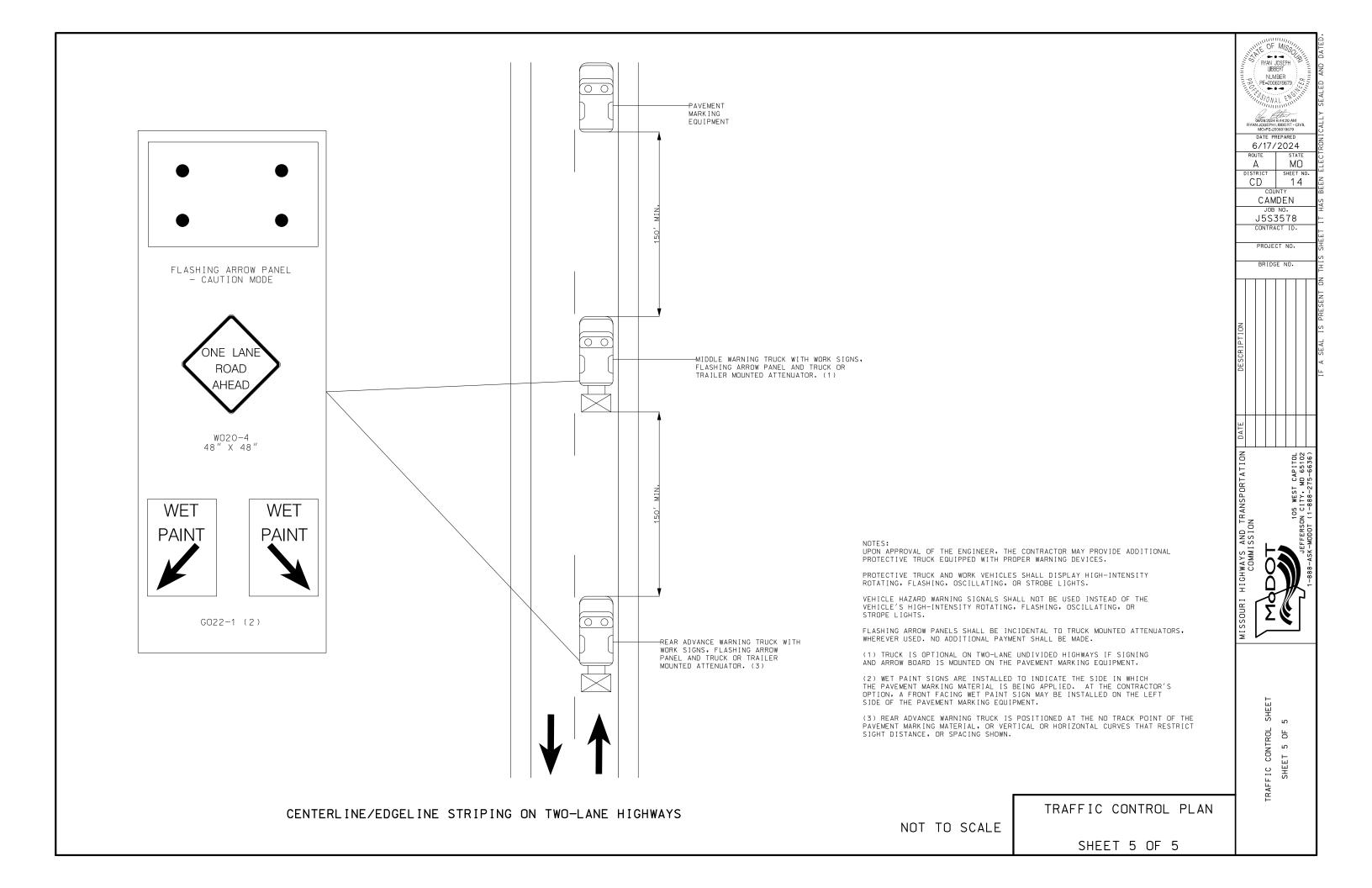
Н 4

SHEET

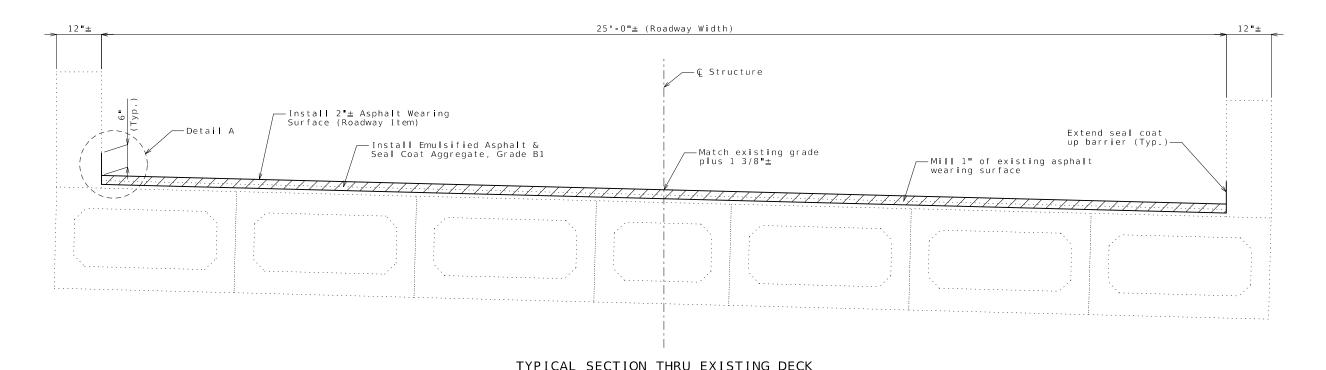
CONTROL

TRAFF I C

RYAN JOSEPH LIBBERT NUMBER



U.I.P. & REHABILITATE EXISTING (85') PRESTRESSED CONCRETE BOX BEAM SPAN (SKEW: SQUARE)



General Notes:

Design Specifications: 2002 AASHTO LFD (17th Ed.) Standard Specifications Bridge Deck Rating = 8

Design Unit Stresses: Class B-1 Concrete f'c = 4,000 psi Reinforcing Steel (Grade 60) fy = 60,000 psi

Reinforcing Steel: Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Traffic Handling: Traffic to be maintained on structure during construction. See roadway plans for traffic control.

Miscellaneous: All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise shown.

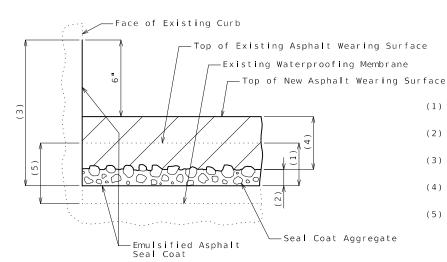
Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

All reinforcement in barrier end modification shall be epoxy coated.

Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete where possible. If length is available, existing bars shall extend into new concrete at least 40 diameters for plain bars and 30 diameters for deformed bars, unless otherwise noted.

The area exposed by the removal of concrete and not covered with new concrete shall be coated with a qualified special mortar in accordance with Sec 704.

Cost of removing existing barrier concrete, and cost of furnishing and installing new concrete, new reinforcing steel, and any other work incidental to the barrier end modification, complete in place, will be considered completely covered by the contract unit price for Barrier End Modification.



DETAIL A

Estimated Quantities								
I t em								
Removal of Asphalt Wearing Surface sq. foot								
Emulsified Asphalt, Seal Coat gallon								
Seal Coat Aggregate, Grade B1 sq. yard								
Barrier End Modification each								

- (1) Remove 1"± of existing asphalt wearing
- (2) 3/8" Emulsified Asphalt Seal Coat with Seal Coat Aggregate, Grade B1
- (3) Extend Emulsified Asphalt, Seal Coat up the curb face.
- (4) 2" minimum Asphalt Wearing Surface (Roadway Item)
- (5) 2" Existing Asphalt Wearing Surface

REPAIRS TO BRIDGE: ROUTE A OVER BARNETT BRANCH ROUTE A FROM ROUTE E TO ROUTE C

ABOUT 1.0 MILE EAST OF ROUTE E BEGINNING STATION 99+94.11± (MATCH EXISTING)

TRENTON B. CRAWFORD NUMBER PE-2012018053 SONAL E

7/8/2024

CAMDEN

J5S3578

CONTRACT ID.

PROJECT NO.

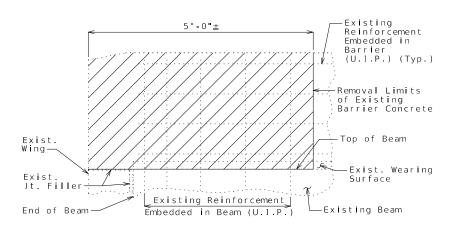
B03401

MO SHEET NO

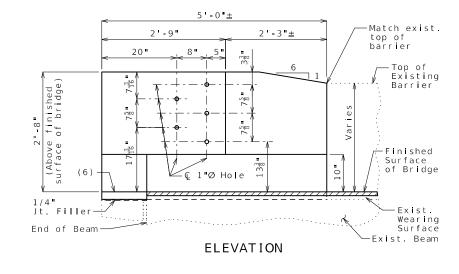
1

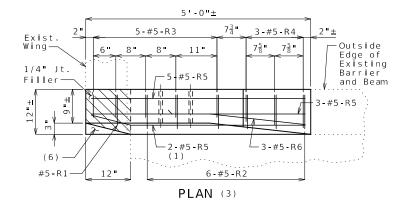
Α

BR

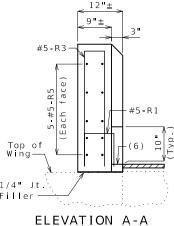


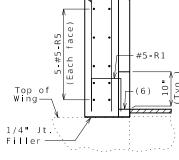
PART ELEVATION SHOWING CONCRETE REMOVAL

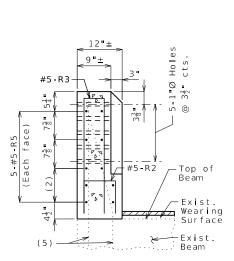




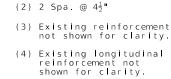
┌► C 5 - 0"± 73 " 3-#5-R4 5-#5-R3 75 **7**5 **7**5 **1** 8" 8" 11" 0 0 0 -Top of Beam 6-#5-R2 Wearing Surface — Exist. Beam ELEVATION SHOWING REINFORCEMENT (3)





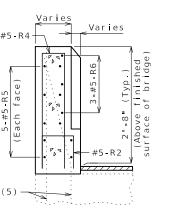






(1) Bend in field.

- (5) Existing reinforcement embedded in beam (U.I.P.) (Bend in field as needed) (Typ.)
- (6) Fill with mortar or concrete.



SECTION C-C (4)

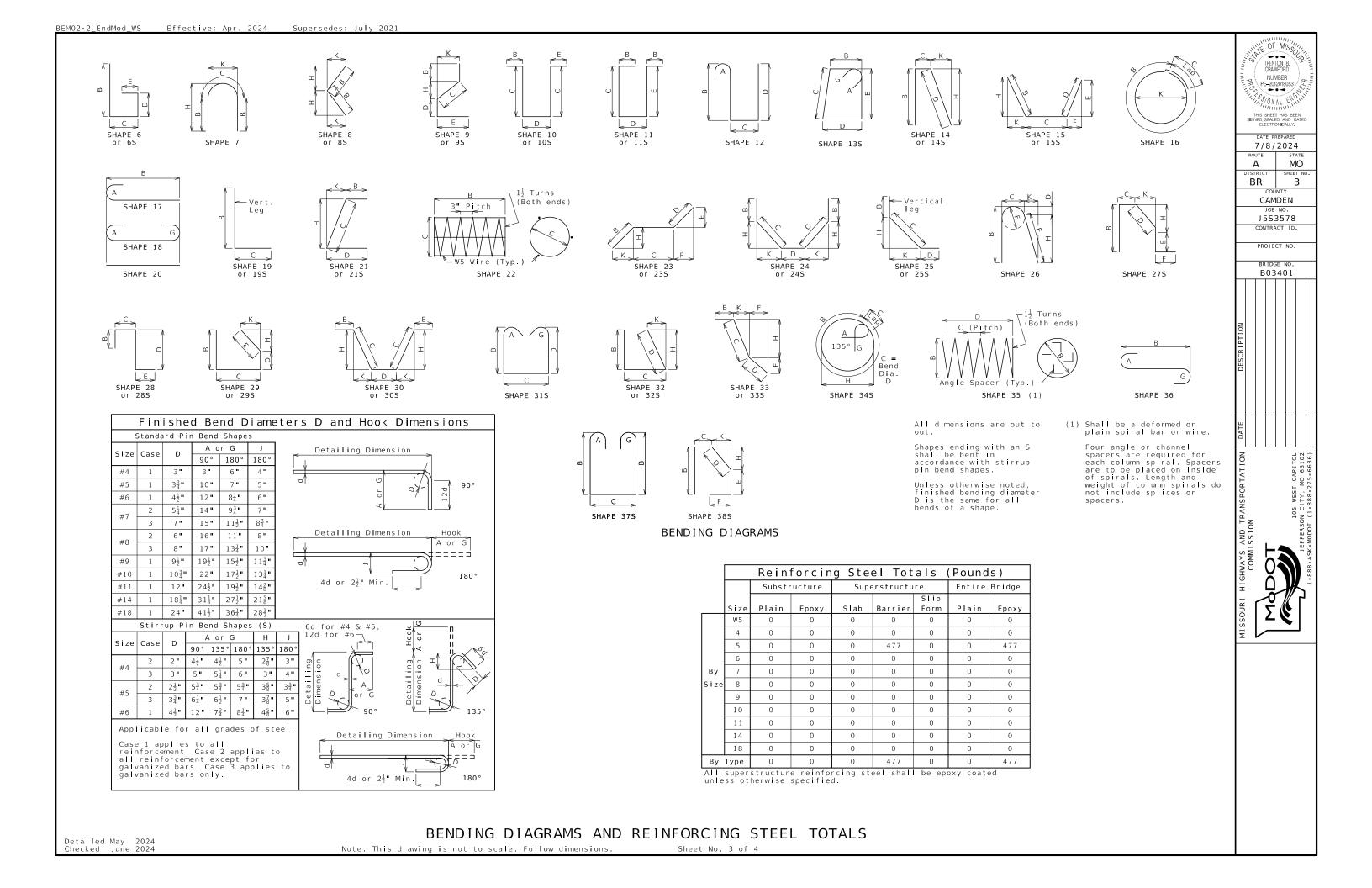
BARRIER MODIFICATION FOR GUARDRAIL ATTACHMENT



Α	MO							
DISTRICT	SHEET NO.							
BR	2							
COU	NTY							
CAM	DEN							
JOB NO.								
J5S3	3578							
CONTRA	CT ID.							
PROJECT NO.								
BRIDG	E NO.							
D ()	4 O 1							

	В	03	40	1	
DESCRIPTION					
DATE					





Bill of Reinforcing Steel Dimensions Nom. Actual						Bill of Reinforcing Steel Dimensions Nom. Actual						ctual												
. Size		Codes		D	Е	F	Н	K	Length	Length	Weight] No.	Size/		Codes	В	С	D	E	F	Н	K	Length Le	ength Weight
. Mark	< Location	C SH V	V ft in. ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in	. ft in	. Ib	Req.	Mark	Location	C SH V	ft in.	ft in.	ft i	n. ft ir	. ft in	. ft in.	ft in.	ft in f	t in. Ib
												1												
	5 1 B 1 M 1																							
5 R:	End Post Mod. 1 MODIFIED END	E 10S	10.38	8.00					2 5	2 2	9													
5 R2	2 MODIFIED END	E 10S	9.00	9.00					2 3	2 0														
5 R3 2 5 R4		E 10S		6.00 7.00					5 8 6 0	5 5														
- 3	Incr. = 2.000"		2 5.63						5 8															
5 R.5	5 MODIFIED END	E 20	4 9.00						4 9	4 9	198													
5 R6	6 MODIFIED END	E 15S	11.25 2 1.50				1.25	11.25		2 11														
												1												
												-												
		+										+			+									
+										+	1	+												
-										+	1	+				-								
-												+												
-												-												
-											1	1												
												+												
1		+								1	1	+				-								
+		++-				1				+	+	1												
		+				-				+	+	+				-	-	-						
												\Box												
		+								+	+	1												
-		+								+	1	+				-								
<u> </u>												1 🗀 🕂												
										1	1	+												
		+										\Box												
+		++-+										1												

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

All bars shall be Grade 60.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

For bending diagrams and steel reinforcing totals, see Sheet No. 3.

BILL OF REINFORCING STEEL

Detailed May 2024 Checked June 2024

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 4 of 4

TITS SIONAL ENG DATE PREPARED 7/8/2024 ROUTE A MO SHEET NO. 4

DESIGN DESIGNATION

A.A.D.T. - 2023 = 830V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

NO NEW RIGHT OF WAY

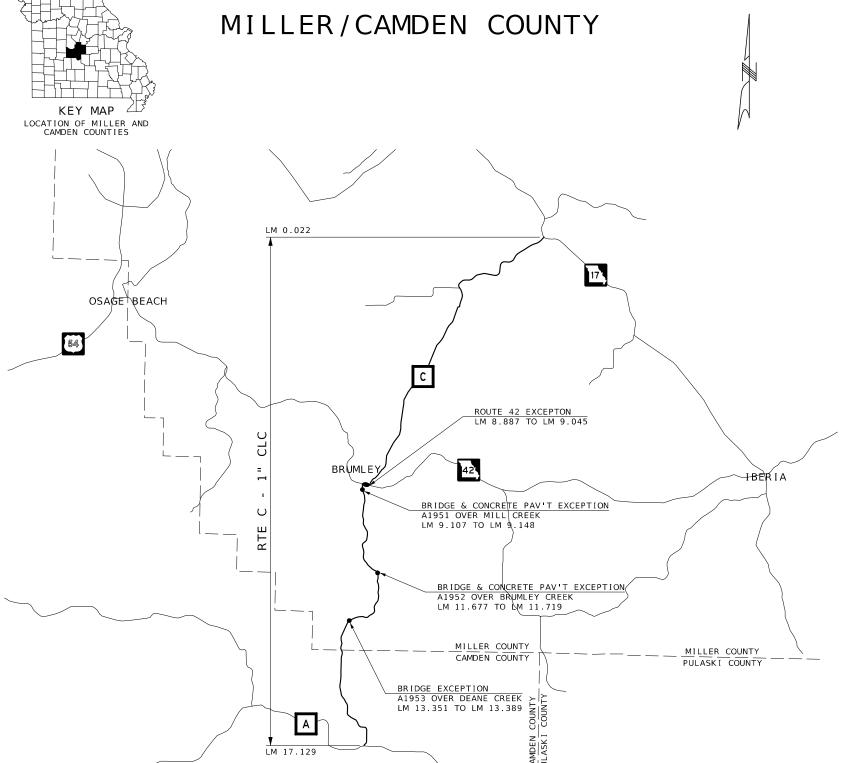
CONVENTIONAL SYMBOLS

	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER	0000	
UTILITIES FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	- FO - OTV - UTV - OT - UT - OT - UT - OE - UE - SS - G - U - SAN	-FO- -OTV- -UTV- -OT- -UE- -S- -SS- -G- -W
MANHOLE	HYD)
FIRE HYDRANT	wv .)
WATER VALVE	ww _	€
WATER METER		€
DROP INLET		
DITCH BLOCK	-≡ SIGN	=
GROUND MOUNTED SIGN	3101	-
LIGHT POLE]
H-FRAME POWER POLE		-
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE GATE POST	—— \ —— \ —— }	<u>'</u> ——
BENCHMARK	ВМ)

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY



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 - 6
TRAFFIC CONTROL SHEETS (TC)	7 - 11

NUM PE-2001 06/27/2024 RYAN JOSEPH MO-PE-20	UBBERT NMMBER NO NA L STANDARD							
DATE PREPARED								
- ,	/2024							
ROUTE	STATE							
С	MO							
DISTRICT	SHEET NO.							
CD	1							
COU	NTY							
	/ CAMDEN							
	NO.							
	0098							
CONTRA	CT ID.							

PROJECT NO

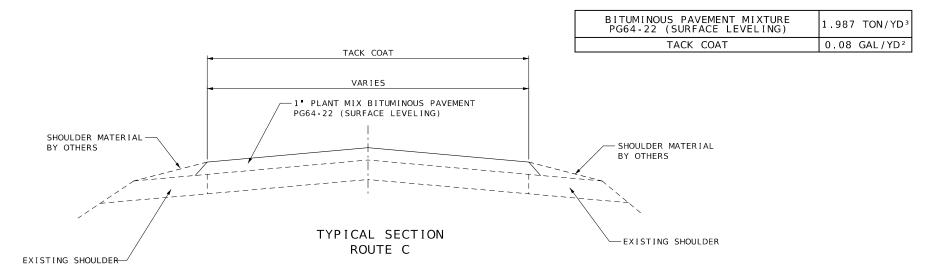
PROJECT NO.									
		BR	IDO	SE M	10.				
DESCRIPTION									
DATE									
NO					10.	0.2			

LENGTH OF PROJECT

LENGIH OF PROJECT									
RTE C				HIGHWAY					
BEGINNING	L.M.	0.022		۱ĕ					
END	L.M.	17.129							
APPARENT LENGTH		90,324.96	FEET	쪽					
EQUATIONS AND EXCEPTION	S			MISSOURI					
ROUTE 42 EXCEPTION	L.M.	8.887		S					
	L.M.	9.045		Σ					
	LENGTH	834.24	FEET						
BR A1951 EXCEPTION	L.M.	9.107							
	L.M.	9.148							
	LENGTH	215.00	FEET						
BR A1952 EXCEPTION	L.M.	11.677							
	L.M.	11.719							
	LENGTH	220.90	FEET						
BR A1953 EXCEPTION	L.M.	13.351							
	L.M.	13.389							
	LENGTH	201.00	FEET						
TOTAL CORRECTIONS		-1,471.14	FEET	1					
NET LENGTH OF PROJECT		88,853.82	FEET	I					
STATE LENGTH		16.828	MILES						

0 ACRES

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES



NOTE: SURFACE PLACEMENT SHALL BE ONE PASS PER LANE NO S.E. CORRECTION.

LM 0.022 TO LM 8.887 - 22'

LM 8.887 TO LM 9.045 - RTE 42 EXCEPTION

LM 9.045 TO LM 9.107 - 21.5'

LM 9.148 TO LM 11.677 - 21.5'

LM 11.677 TO LM 11.719 - BRIDGE & CONCRETE PAV'T EXCEPTION - BR A1951 OVER MILL CREEK

LM 11.719 TO LM 13.342 - 21.5'

LM 13.342 TO LM 13.351 - 26'

LM 13.389 TO LM 13.389 - BRIDGE EXCEPTION - BR A1953 OVER DEANE CREEK

LM 13.399 TO LM 17.129 - 22'

RYAN JOSEPH LIBBERT NUMBER PE-2006019679

MO-PE-2006019679

DATE PREPARED

6/17/2024

ROUTE STATE
C MO

C MO
DISTRICT SHEET NO
CD 2

MILLER/CAMDEN
JOB NO.
JCD0098

CONTRACT ID.

BRIDGE NO.

DATE DESCRIPTION

COMMISSION
COMMISSION

TODOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

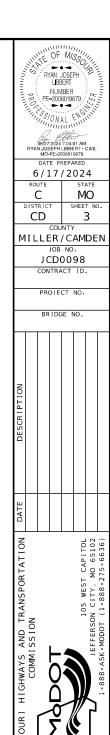
TYPICAL SECTION SHEET 1 OF 1

		PAVEMENT										
						BITUMINOUS PAVEMENT						
LOG	LOG					MIXTURE PG(64-22)	TACK					
MILE	MILE		LENGTH	WIDTH	DEPTH	(SURFACE LEVELING)	COAT					
FROM	TO	LOCATION	(FT)	(FT)	(IN)	(TONS)	(GAL)	REMARKS				
	0.007		16007.0	22.0			0.150					
0.022	8.887	RTE C	46807.2	22.0	1	6315.22	9153.4					
0.000	0.048	RTE C LEG	253.4	VARIES	1	32.26	46.8	IRREGULAR AREA - EAST RTE C LEG AT RTE 42 - 584.4 SY				
8.887	9.045	RTE C	834.2					RTE 42 EXCEPTION				
9.045	9.107	RTE C	327.4	21.5	1	43.16	62.6					
9.107	9.148	RTE C	215.0					BRIDGE EXCEPTION - A1951 OVER MILL CREEK				
9.148	11.677	RTE C	13354.6	21.5	1	1760.85	2552.2					
11.677	11.719	RTE C	220.9					BRIDGE EXCEPTION - A1952 OVER BRUMLEY CREEK				
11.719	13.342	RTE C	8570.3	21.5	1	1130.02	1637.9					
13.342	13.351	RTE C	50.0	26.0	1	7.97	11.6					
13.351	13.389	RTE C	201.0					BRIDGE EXCEPTION - A1953 OVER DEANE CREEK				
13.389	13.399	RTE C	50.0	26.0	1	7.97	11.6					
13.399	17.129	RTE C	19694.4	22.0	1	2657.16	3851.3					
						2390.92		IRREGULARITIES - ESTIMATED AT 20%				
					TOTAL	14345.53	17327.4	TACK COAT: 0.08 GAL/SY				
					USE	14345.5	17327	BIT PAV'T (SL): ESTIMATED AT 1.987 TON/CY				

					MODIFIED COLDMI	LLING
LOG	LOG				MODIFIED COLDMILLING	
MILE	MILE		LENGTH	WIDTH	(DEPTH TRANSITIONS)	
FROM	TO	LOCATION	(FT)	(FT)	(SY)	REMARKS
0.022	0.027	RTE C	25	22	61.1	BEGINNING OF PROJECT
-	-	RTE C LEG	25	22	61.1	EAST RTE C LEG AT RTE 42
8.882	8.887	RTE C	25	22	61.1	RTE 42 EXCEPTION - NORTH
9.045	9.050	RTE C	25	21.5	59.7	RTE 42 EXCEPTION - SOUTH
9.102	9.107	RTE C	25	21.5	59.7	BRIDGE EXCEPTION - A1951 OVER MILL CREEK - NORTH
9.148	9.153	RTE C	25	21.5	59.7	BRIDGE EXCEPTION - A1951 OVER MILL CREEK - SOUTH
11.672	11.677	RTE C	25	21.5	59.7	BRIDGE EXCEPTION - A1952 OVER BRUMLEY CREEK - NORTH
11.719	11.724	RTE C	25	21.5	59.7	BRIDGE EXCEPTION - A1952 OVER BRUMLEY CREEK - SOUTH
13.346	13.351	RTE C	25	26	72.2	BRIDGE EXCEPTION - A1953 OVER DEANE CREEK - NORTH
13.389	13.394	RTE C	25	26	72.2	BRIDGE EXCEPTION - A1953 OVER DEANE CREEK - SOUTH
				TOTAL	626.2	
				USE	626	

			GRAVEL (A) OR	CRUSHED STONE (B)
LOG	LOG		GRAVEL (A) OR	
MILE	MILE		CRUSHED STONE (B)	
FROM	ТО	LOCATION	(TONS)	REMARKS
0.022	17.129	RTE C	910	GRAVEL ENTRANCES AND COUNTY ROADS
	TOTAL 910		910	
		USE	910	

MOBILIZATION
1 LUMP SUM

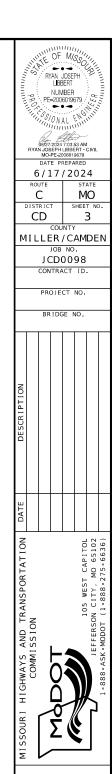


SUMMARY OF QUANTITIES SHEET 1 OF 2

PAVEMENT MARKING							
				STAND	ARD WATER	RBORNE	
				PAVEMENT MARKING PAINT			
				4"	4"	4"	
				'	'	· ·	
LOG	LOG			INT	SOLID	SOLID	
MILE	MILE		LENGTH	YELLOW	YELLOW	WHITE	
FROM	ТО	LOCATION	(FT)	(FT)	(FT)	(FT)	REMARKS
			(/	(/	(/	(,	
0.014	0.565	RTE C	2909		5818	5818	DOUBLE YELLOW
0.565	0.664	RTE C	523	131	523	1046	SOLID YELLOW, INT YELLOW
0.664	0.744	RTE C	422	106		844	INT YELLOW
0.744	0.803	RTE C	312	78	312	624	SOLID YELLOW, INT YELLOW
0.803	3.610	RTE C	14821		29642	29642	DOUBLE YELLOW
3.610	3.746	RTE C	718	180	718	1436	SOLID YELLOW, INT YELLOW
3.746	4.875	RTE C	5961		11922	11922	DOUBLE YELLOW
4.875	5.005	RTE C	686	172	686	1372	SOLID YELLOW, INT YELLOW
5.005	5.203	RTE C	1045	261		2090	INT YELLOW
5.203	5.343	RTE C	739	185	739	1478	SOLID YELLOW, INT YELLOW
5.343	5.823	RTE C	2534		5068	5068	DOUBLE YELLOW
5.823	5.962	RTE C	734	184	734	1468	SOLID YELLOW, INT YELLOW
5.962	6.065	RTE C	544	136	544	1088	SOLID YELLOW, INT YELLOW
6.065	6.700	RTE C	3353		6706	6706	DOUBLE YELLOW
6.700	6.801	RTE C	533	133	533	1066	SOLID YELLOW, INT YELLOW
6.801	6.859	RTE C	306	77	333	612	INT YELLOW
6.859	6.985	RTE C	665	166	665	1330	SOLID YELLOW, INT YELLOW
6.985	7.541	RTE C	2936	100	5872	5872	DOUBLE YELLOW
7.541	7.661	RTE C	634	159	634	1268	SOLID YELLOW, INT YELLOW
7.661	7 799	RTE C	729	182		1458	INT YELLOW
7 799	7 915	RTE C	612	153	612	1224	SOLID YELLOW, INT YELLOW
7.915	8.986	RTE C	5655	133	11310	11310	DOUBLE YELLOW
8.798		RTE C LEG	201		402	402	DOUBLE YELLOW
9.045	13.192	RTE C	21896		43792	43792	DOUBLE YELLOW
13.192	13.332	RTE C	739	185	739	1478	SOLID YELLOW, INT YELLOW
13.332	13.595	RTE C	1389		2778	2778	DOUBLE YELLOW
13.595	13.729	RTE C	708	177	708	1416	SOLID YELLOW, INT YELLOW
13.729	13.801	RTE C	380	95		760	INT YELLOW
13.801	13.909	RTE C	570	143	570	1140	SOLID YELLOW, INT YELLOW
13.909	14.488	RTE C	3057		6114	6114	DOUBLE YELLOW
14.488	14.588	RTE C	528	132	528	1056	SOLID YELLOW, INT YELLOW
14.588	14.647	RTE C	312		624	624	DOUBLE YELLOW
14.647	14.759	RTE C	591	148	591	1182	SOLID YELLOW, INT YELLOW
14.759	14.927	RTE C	887	222	887	1774	SOLID YELLOW, INT YELLOW
14.927	15.066	RTE C	734	184	734	1468	SOLID YELLOW, INT YELLOW
15.066	16.686	RTE C	8554		17108	17108	DOUBLE YELLOW
16.686	16.838	RTE C	803	201	803	1606	SOLID YELLOW, INT YELLOW
16.838	16.965	RTE C	671	168	671	1342	SOLID YELLOW, INT YELLOW
16.965	17.129	RTE C	866		1732	1732	DOUBLE YELLOW
	1	II.	TOTAL	3958	161819	180514	
			USE		777	180514	
			103///				

CONSTRUCTION SIGNS						
SIGN	SIGN	SIZE	AREA	QTY	TOTAL AREA	
NO		(IN)	(SF)	(EA)	(SF)	DESCRIPTION
2	WO20-1	48 x 48	16	11	176	ROAD WORK AHEAD
7	WO20-4	48 x 48	16	5	80	ONE LANE ROAD AHEAD
8	WO20-7a	48 x 48	16	11	176	FLAGGER (SYMBOL) WITH FLAGS
1	GO20-1	60 x 24	10	2	20	ROAD WORK NEXT 17 MILES
26	GO20-2	48 x 24	8	2	16	END ROAD WORK
35	WO8 - 12	48 x 48	16	19	304	NO CENTER LINE
36	WO8-11	48 x 48	16	35	560	UNEVEN LANES
53	GO20-4	36 x 18	4.5	1	4.5	PILOT CAR FOLLOW ME
58	GO20-4a	42 x 30	8.75	1	8.75	PILOT CAR IN USE WAIT & FOLLOW
58	GO20-4a	18 x 12	1.5	6	9.0	PILOT CAR IN USE WAIT & FOLLOW
11	WO3 - 4	48 x 48	16	7	112	BE PREPARED TO STOP
59	CONST-8	48 x 36	12	2	24	WORK ZONE NO PHONE ZONE
-	GO22-1	21 x 15	2.19	2	4.38	WET PAINT (ARROW PIVOTS)
616-10.05			TOTAL	1494.63		
CONSTRUCTION SIGNS			USE	1495		

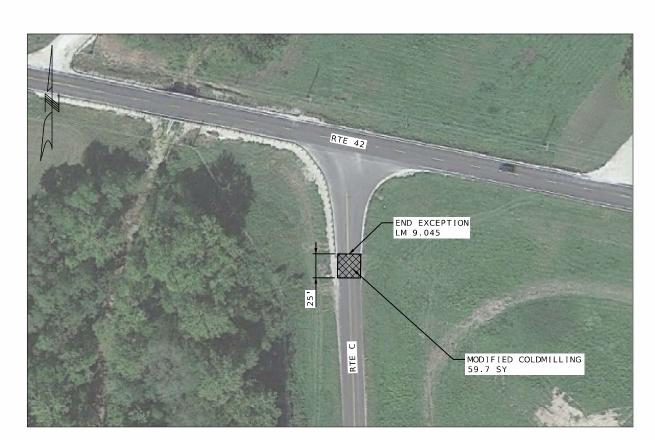
CONSTRUCTION ITEMS					
ITEM NO	QTY	DESCRIPTION			
616-1025	100	CHANNEL I ZERS			
616-1099	2	CHANGEABLE MESSAGE SIGNS			



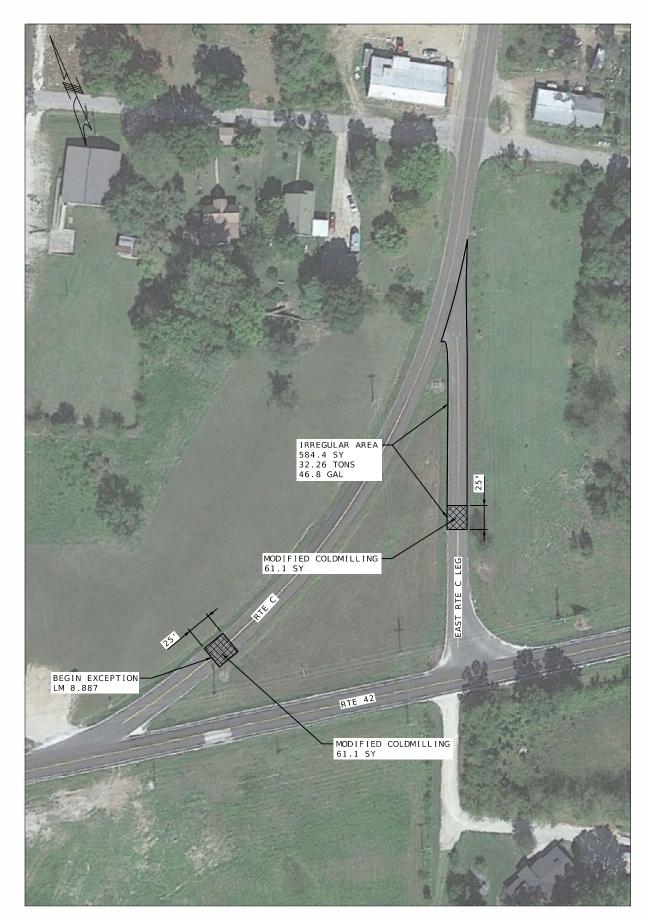
SUMMARY OF QUANTITIES SHEET 2 OF 2



BEGINNING OF PROJECT



END OF RTE 42 EXCEPTION



BEGINNING OF RTE 42 EXCEPTION / EAST RTE C LEG AT RTE 42

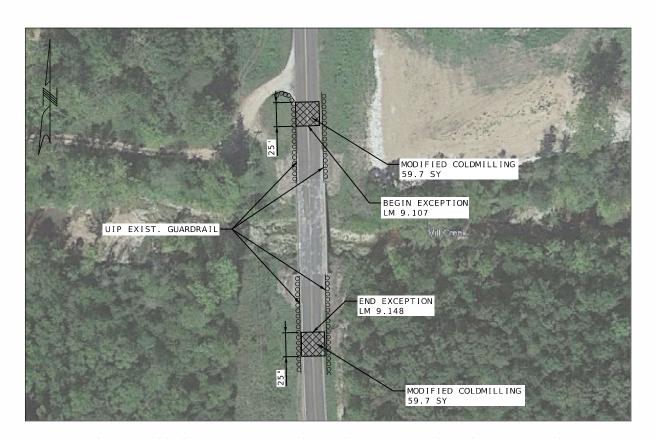
RYAN JOSEPH
LIBERTI
NUMBER
PE-2006019679
DATE PREPARED
6/25/2024
ROUTE
C
MO
DISTRICT
COUNTY
MILLER/CAMDEN
JOB NO.
JCD0 0 9 8
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

SHEET 3

SPECIAL 1 OF



BRIDGE AND CONCRETE PAV'T EXCEPTION AT BR A1951 OVER MILL CREEK



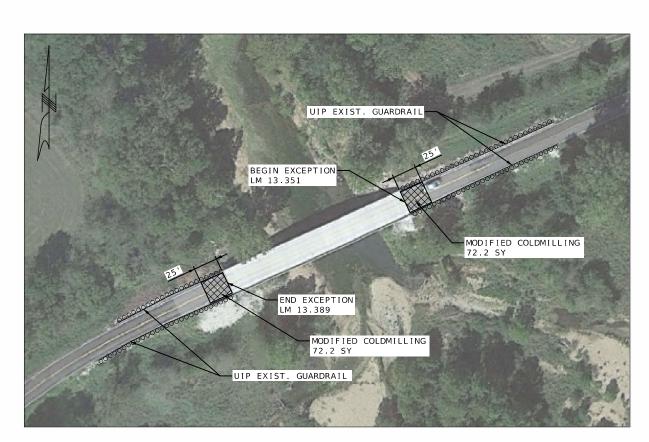
BRIDGE AND CONCRETE PAV'T EXCEPTION AT BR A1952 OVER BRUMLEY CREEK

MODIFIED COLDMILLING 59.7 SY

MODIFIED COLDMILLING 59.7 SY

BEGIN EXCEPTION LM 11.677

END EXCEPTION LM 11.719



BRIDGE EXCEPTION AT BR A1953 OVER DEANE CREEK



END OF PROJECT

RYAN JOSEPH

JUBBERT

NUMBER

PE-2006019879

DATE PREPARED

6/25/2024

ROUTE

C

MO

DISTRICT

SHEET NO.

SHEET NO.

JOB NO.

JCD0098

CONTRACT ID.

PROJECT NO.

DESCRIPTION

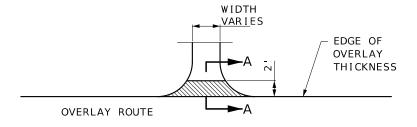
BRIDGE NO.

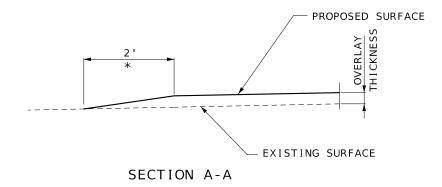
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
DEFERSON CITY, NO 65102

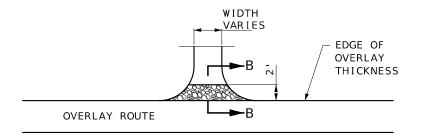
SPECIAL SHEET 2 OF 3

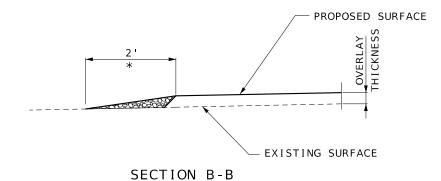
TRAVELWAY DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
AND AT EXCEPTIONS



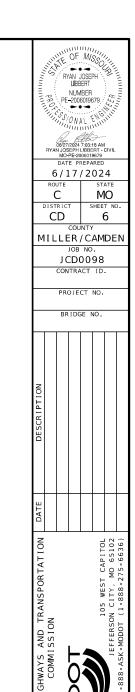


TYPICAL PAVED ENTRANCE
(FIELD, PRIVATE OR COUNTY ROAD)
* TAPER AT 1:1 FOR FIELD ENTRANCE

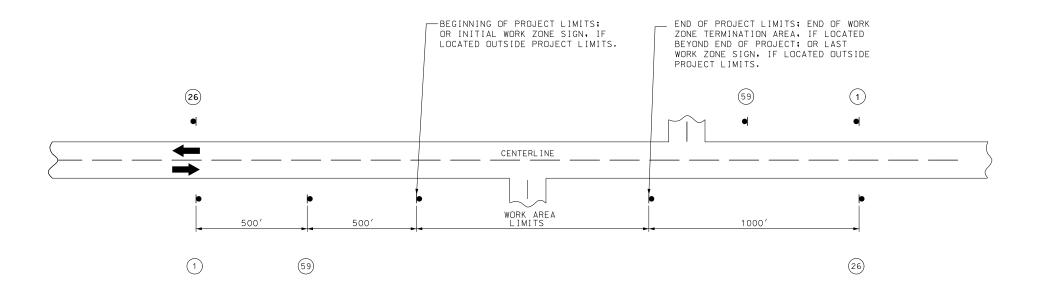




TYPICAL GRAVEL ENTRANCE (FIELD, PRIVATE OR COUNTY ROAD)



SPECIAL SHEET 3 OF 3



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.

ROAD WORK
NEXT 17 MILES

WORK ZONE
NO PHONE
ZONE

1

CONST-8

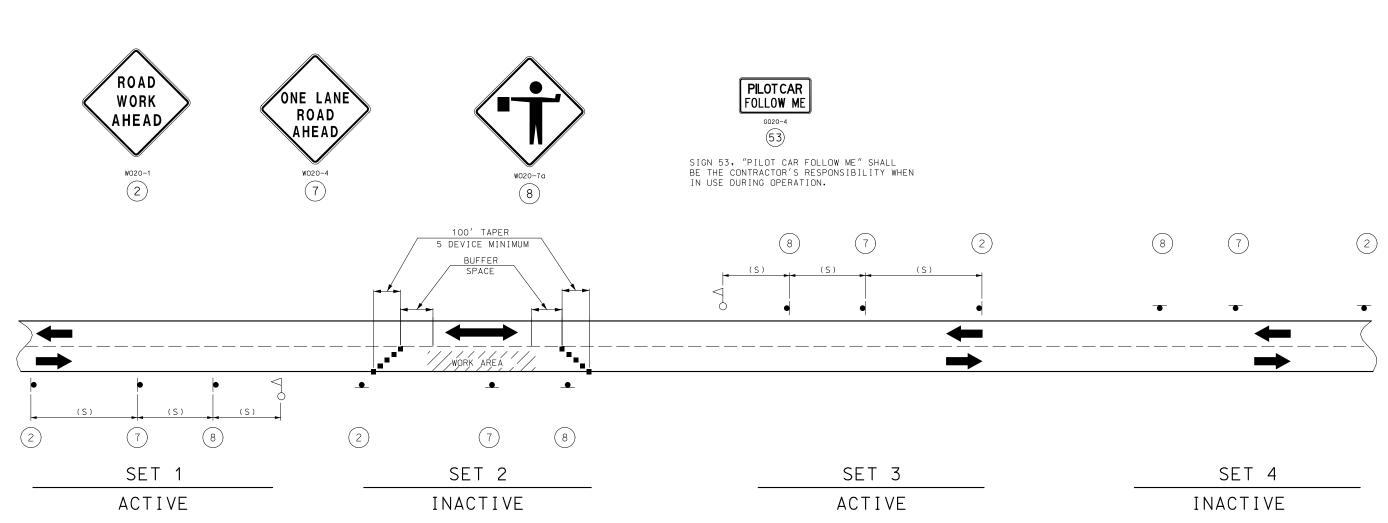
END ROAD WORK

26)

RYAN JOSEPH LIBBERT NUMBER PE-2006019679 06/27/2024 7:03:12 AM RYAN JOSEPH LIBBERT - CIVIL MO-PE-2006019679 DATE PREPARED 6/17/2024 ROUTE MO SHEET NO. CD MILLER/CAMDEN JOB NO.
JCD0098
CONTRACT ID. PROJECT NO. BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSI
COMMISSION
MODOT

TRAFFIC CONTROL SHEET 1 OF 5



NOTES:

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 ONCOMING 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

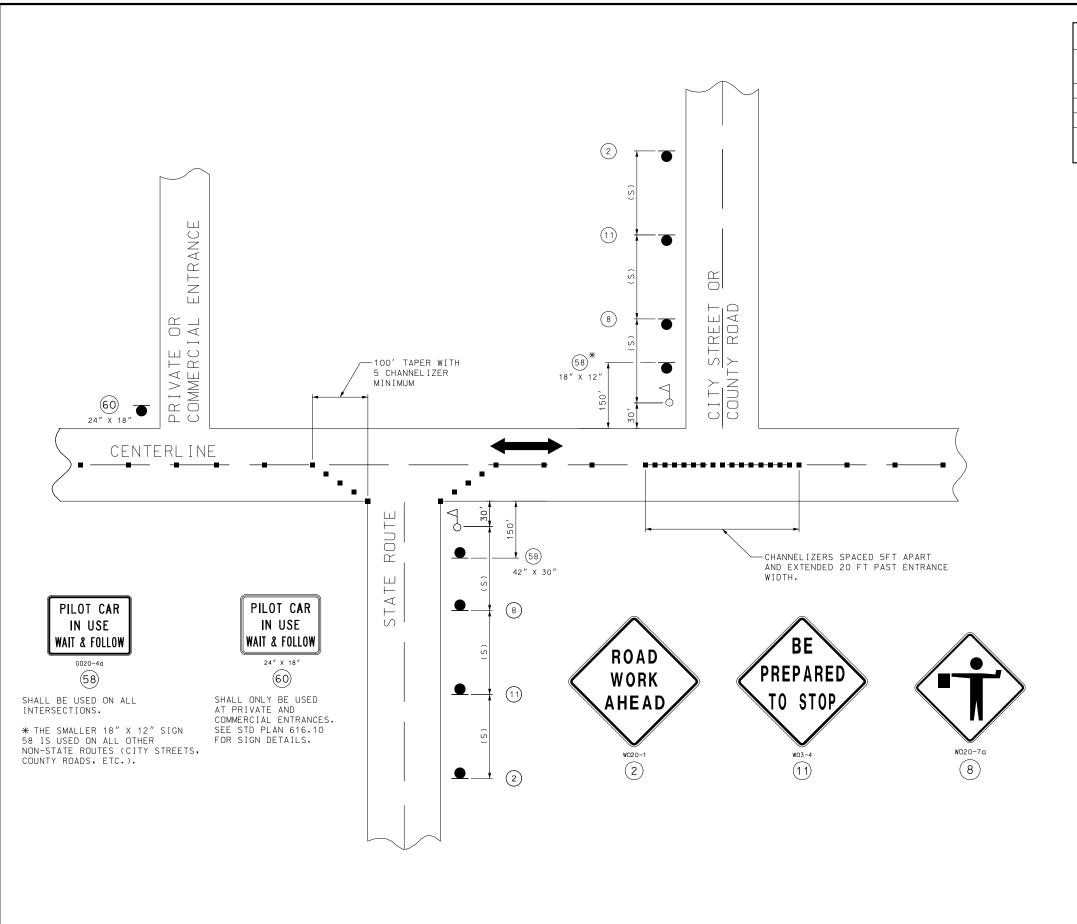
SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT)
0-35	200	280
40-45	350	400
50-55	500	560
60-70	1000	840

(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.

RYAN JOSEPH LIBBERT NUMBER PE-2006019679 6/17/2024 C MO SHEET NO. CD 8 MILLER/CAMDEN JCD0098 CONTRACT ID. PROJECT NO.

TRAFFIC CONTROL SHEET 2 OF 5



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

RIVAN JOSEPH LIBERTI NUMBER PE-2006019679 LIBERTI NUMBER PE-2006019679 LIBERTI CIVIL MOSEPH L

JOB NO.
JCD0098
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE DESCRIPTION

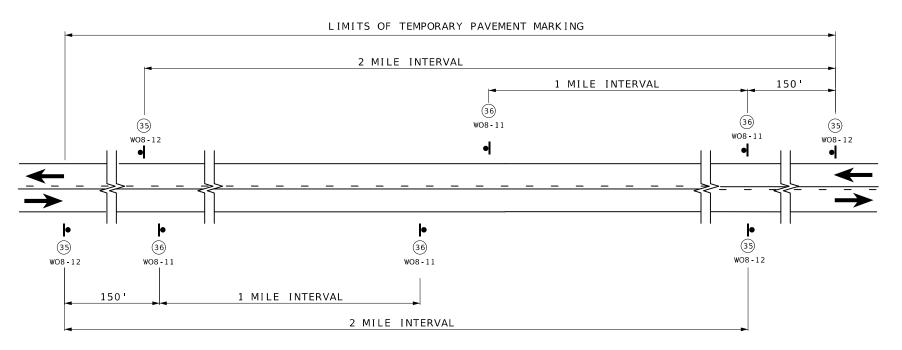
SOUR! HIGHWAYS AND TRANSPORTATION
COMMISSION

MODOT

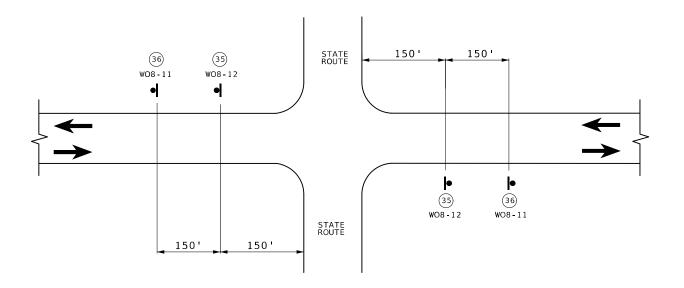
105 WEST CAPITOL
JEFFERSON CITY, MO 65102

TRAFFIC CONTROL SHEET 3 0F 5

SIDE ROADS ENTERING WORK ZONES



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE





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.



CONTROL 4 OF 5

TRAFFIC SHEET 4

NOT TO SCALE

