1 REVISED

REMOVE REMOVE

MGS GUARDRAIL

ROUTE	BEGIN LOG MILE	END LOG MILE	LOCATION	MGS GUARDRAIL 8′ POST LF	MGS BRIDGE APPROACH TRANSITION SECTION EACH	MGS END ANCHOR EACH	BRIDGE ANCHOR SECTION EACH	TYPE A CET (MASH) EACH	✱✱✱ SHAPING SLOPES CLASS III 100 FT	REMARKS
90	3.195	3.214	LT	100.0	✳ 1	1	1	1	1	EB OPPOSING SIDE BRIDGE A4968 (SARATOGA HOLLOW)
90	3.190	3.218	RT	150.0	✳ 1	1	1	1	1	EB ADJACENT SIDE BRIDGE A4968 (SARATOGA HOLLOW)
90	3.248	3.276	LT	150.0	✳ 1	1	1	1	1	WB ADJACENT SIDE BRIDGE A4968 (SARATOGA HOLLOW)
90	3.252	3.271	RT	100.0	✳ 1	1	1	1	1	WB OPPOSING SIDE BRIDGE A4968 (SARATOGA HOLLOW)
90	10.401	10.429	LT	100.0	✱✱ 1	1	1	1	1	EB OPPOSING SIDE BRIDGE A4892 (MILL CREEK)
90	10.394	10.431	RT	150.0	✱✱ 1	1	1	1	1	EB ADJACENT SIDE BRIDGE A4892 (MILL CREEK)
90	10.453	10.490	LT	150.0	✱✱ 1	1	1	1	1	WB ADJACENT SIDE BRIDGE A4892 (MILL CREEK)
90	10.455	10.483	RT	100.0	✱✱ 1	1	1	1	1	WB OPPOSING SIDE BRIDGE A4892 (MILL CREEK)
90	37.423	37.622	LT	1050.0		2		2	2	WESTBOUND ADJACENT LANE
										✳ BRIDGE APPROACH TRANSITION WITH NO CURB
										✱✱ BRIDGE APPROACH TRANSITION WITH EXTENDED CURB
			TOTALS	2050.0	8	10	8	10	10	

✱✱✱ SPECIAL NOTE: ALTERNATE GRADING LIMITS PER MODOT STD. PLANS 606.81 REQUIRED FOR TYPE A MASH CRASHWORTHY END TERMINALS.

PREFORMED THERMOPLASTIC PAVEMENT MARKING

ROUTE	LOG MILE	LOCATION	12″ WHITE LF	24″ WHITE LF	30″ WHITE LF	12″ WHITE YIELD TRIANGLES EACH	LEFT/RIGHT ARROW EACH	R/R CROSSING EACH	REMARKS
43	0.000	LT		12					SOUTHBOUND STOP BAR AT MO 43 INTERSECTION
MM	2.103	RT		12					SOUTHBOUND STOP BAR AT ROUTE MM INTERSECTION
TT	6.153	LT		12					SOUTHBOUND STOP BAR AT ROUTE TT INTERSECTION
59N	6.672	LT		11					SOUTHBOUND STOP BAR AT MO 59N INTERSECTION
MAIN ST.	7.002	LT		12					WESTBOUND STOP BAR AT MO 59S INTERSECTION
90	7.112	--	12		30				MAIN ST. MIDBLOCK CROSSWALK (2-12″, 5-30″ WIDE, 6′ LONG)
90	7.197	RT						1	✳ EASTBOUND RAILROAD PAVEMENT MARKING
90	7.198	--	12		30				MAIN ST. MIDBLOCK CROSSWALK (2-12″, 5-30″ WIDE, 6′ LONG)
90	7.207	RT		13					✳ EASTBOUND STOP BAR AT HIGHWAY-RAIL GRADE CROSSING
90	7.221	LT		13					✳ WESTBOUND STOP BAR AT HIGHWAY-RAIL GRADE CROSSING
90	7.228	--	12		30				MAIN ST. MIDBLOCK CROSSWALK (2-12″, 5-30″ WIDE, 6′ LONG)
90	7.231	LT						1	✳ WESTBOUND RAILROAD PAVEMENT MARKING
90	7.269	--	12		30				MAIN ST. MIDBLOCK CROSSWALK (2-12″, 5-30″ WIDE, 6′ LONG)
H	7.372	LT							SOUTHBOUND STOP BAR AT ROUTE H INTERSECTION
90	20.405	RT		10					EASTBOUND STOP BAR AT RAINS RD. SOUTH INTERSECTION
90	20.558	LT		10					WESTBOUND STOP BAR AT RAINS RD. NORTH INTERSECTION
K	24.533	LT		10					SOUTHBOUND STOP BAR AT ROUTE K INTERSECTION
90	29.807	RT		10					EASTBOUND STOP BAR AT ROUTE E INTERSECTION
90	29.814	LT		10					WESTBOUND STOP BAR AT ROUTE E INTERSECTION
KK	33.172	RT		10					NORTHBOUND STOP BAR AT ROUTE KK INTERSECTION
NN	40.750	RT		12					NORTHBOUND STOP BAR AT ROUTE NN INTERSECTION
UU	43.965	LT		11					SOUTHBOUND STOP BAR AT ROUTE UU INTERSECTION
90	45.961	RT						1	✳ EASTBOUND RAILROAD PAVEMENT MARKING
90	45.988	RT		10					✳ EASTBOUND STOP BAR AT HIGHWAY-RAIL GRADE CROSSING
90	45.996	LT		10					✳ WESTBOUND STOP BAR AT HIGHWAY-RAIL GRADE CROSSING
90	46.023	LT						1	✳ WESTBOUND RAILROAD PAVEMENT MARKING
90	46.554	RT		10		6	1		EASTBOUND STOP BAR, RT TURN ARROW & YIELDLINE TRIANGLES AT MO 37 INTERSECTION
		TOTALS	48	198	120	6	1	4	✳ AS APPROVED BY ENGINEER

SPECIAL NOTE: ALL REQUIRED PREFORMED THERMOPLASTIC PAVEMENT MARKINGS SHALL MEET MODOT'S ENGINEERING POLICY GUIDE 620.2 (MUTCD 3B) AND MODOT'S STANDARD PLANS 620.00L. (SEE GUIDE AND PLANS FOR SIZE AND CONFIGURATION)

SUMMARY OF QUANTITIES
SHEET 5 OF 6

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 10/7/2020

ROUTE	STATE
90	MO
DISTRICT	SHEET NO.
SW	3

COUNTY: VARIOUS
JOB NO. J7S3292
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)

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

1 REVISED

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SIGNS					PIPE POST					STRUCTURAL STEEL POSTS						BACKING BARS				TOTAL ITEM NO. 903-12.10	U-CHANNEL POST ITEM NO. 903-12.50	PERF. STEEL SQ.				BREAKAWAY ASSEMBLY ITEM NO. 903-12.41	CONC FTG'S EMBD ITEM NO. 903-10.10	CONC FTG'S BOLT DOWN ITEM NO. 903-10.20	HORZ CLEAR IF NOT STD	DELINEATORS, MILEPOSTS, CONDUIT, CONDUCTOR CABLE, TRENCHING AND BACKFILLING. CONTROL STATION, PULL BOXES AND OTHER REQUIRED ITEMS.
																2" X ⅜" BARS @ 2.55 LBS PER LIN FT						2"POSTS ITEM NO. 903-12.70A	2.5"ANCHOR SLEEVE ITEM NO. 903-12.71	2.5"POSTS ITEM NO. 903-12.72	3"ANCHOR SLEEVE ITEM NO. 903-12.73					
SIGN NO.	STATION	SIGN DTL. SHT. NO.	LOCATION	SIGN SIZE	PIPE SIZE	POST NO. 1	POST NO. 2	LBS PER FT	TOTAL ITEM NO. 903-12.20	POST DES NO.	POST NO. 1	POST NO. 2	POST NO. 3	LBS PER FT	TOTAL	NO. EACH	LGTH IN.	TOTAL LIN FT	TOTAL LBS	LBS	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	CU YDS	CU YDS		
					IN.	LIN FT	LIN FT		LBS		LIN FT	LIN FT	LIN FT		LBS															
1	358+22	XX	BUS 37 RT	36"X36"																		16	3				0.09			
2	360+22	XX	BUS 37 LT	24"X30"																		16	3				0.09			
3	360+22	XX	BUS 37 LT	36"X48"												2	26	4.33	11.04	11.04				16	3		0.09			
4	363+24	XX	BUS 37 RT	ASMB(2)																		16	3				0.09			
5	370+60	XX	BUS 37 RT	ASMB(2)																				16	3		0.09			
6	370+86	XX	BUS 37 LT	ASMB(2)																				16	3		0.09			
7	372+81	XX	BUS 37 RT	24"X30"																		16	3				0.09			
8	374+10	XX	BUS 37 LT	36"X36"																		16	3				0.09			
9	377+68	XX	BUS 37 RT	36"X36"																				16	3		0.09			RETURN STREET SIGNS TO CITY
10	380+42	XX	BUS 37 LT	36"X36"																				16	3		0.09			RETURN STREET SIGNS TO CITY
11	388+46	XX	BUS 37 LT	36"X36"																				16	3		0.09			RETURN STREET SIGNS TO CITY
12	388+80	XX	BUS 37 RT	36"X36"																				16	3		0.09			RETURN STREET SIGNS TO CITY
14	390+38	XX	BUS 37 RT	36"X36"																				16	3		0.09			RETURN STREET SIGNS TO CITY
15	390+45	XX	BUS 37 LT	36"X36"																				16	3		0.09			RETURN STREET SIGNS TO CITY
17	391+85	XX	BUS 37 RT	ASMB(2)																				16	3		0.09			
18	392+82	XX	BUS 37 RT	ASMB(3)																		16	3				0.09			
19	392+82	XX	BUS 37 RT	36"X36"																		16	3				0.09			
21	393+16	XX	BUS 37 RT	ASMB(2)																				16	3		0.09			
22	394+82	XX	BUS 37 LT	36"X36"																				16	3		0.09			RETURN STREET SIGNS TO CITY
23	395+17	XX	BUS 37 RT	36"X36"																				16	3		0.09			RETURN STREET SIGNS TO CITY
25	395+22	XX	BUS 37 RT	ASMB(2)																				16	3		0.09			
26	396+55	XX	BUS 37 LT	36"X36"																		16	3				0.09			
				TOTAL																11.1	11.1		128	24	224	42		1.98		
				USE																	20		128	24	224	42		2.0		

SIGNING SHEET

SHEET 2 OF 3

1 REVISED

STATE OF MISSOURI
CRAIG ALAN SWITZER
NUMBER PE-2003015045
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED	10/7/2020
ROUTE	90
STATE	MO
DISTRICT	SW
SHEET NO.	30
COUNTY	VARIOUS
JOB NO.	J7S3292
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

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