DESIGN DESIGNATION

A.A.D.T. - 2022 = 17,117 A.A.D.T. - 2042 = 17,899 D.H.V. = 10%

V = 35.45 M.P.H. D = 50/50%

FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

NO RIGHT OF WAY WILL BE ACQUIRED FOR THIS PROJECT

CONVENTIONAL SYMBOLS

(USED IN PLANS	5)	
	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER	0000 0000 11	····
UTILITIES FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	-F0- -DTV- -UTV- -OT- -UT- -OE- -UE- -SS- -SS- -G-	-F8- -0TV- -UTV- -0E- -UE- -S- -SS- -6- -W
MANHOLE	SAN)
FIRE HYDRANT	HYD	ĵ
WATER VALVE	wv ©)
WATER METER	wm (E)
DROP INLET	DI .	
DITCH BLOCK	=	<u></u>
GROUND MOUNTED SIGN	SIGN	_
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE GATE POST BENCHMARK	PED \(\triangle \)	·

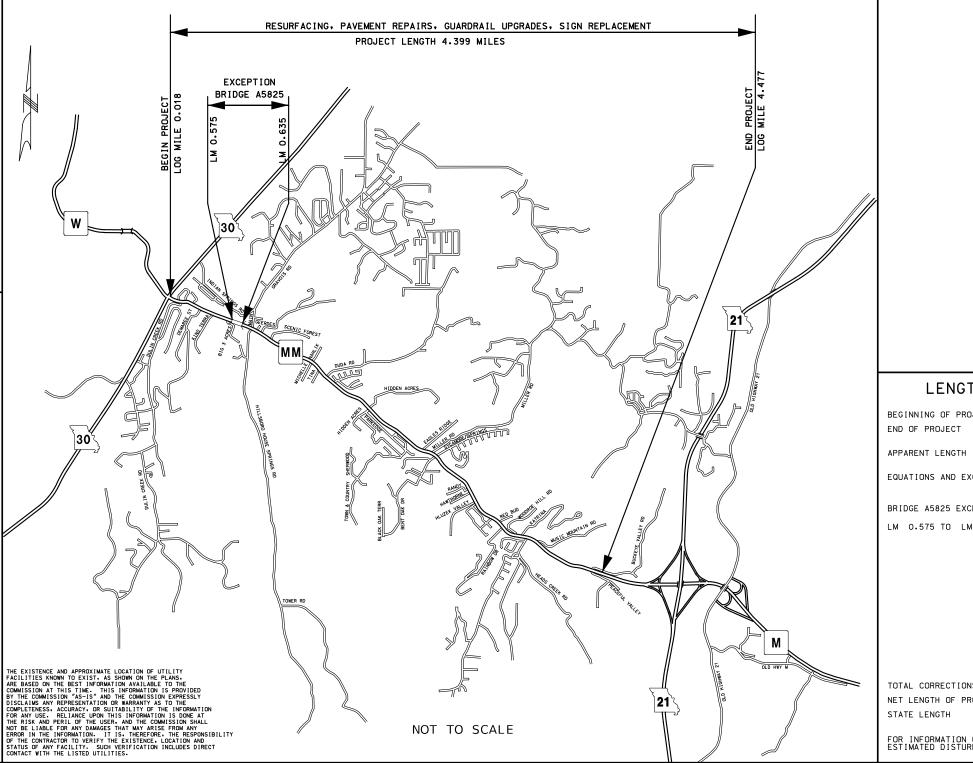
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

JEFFERSON COUNTY

T42N, R4&5E



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (6 SHEETS)	2
QUANTITIES (QU) (5 SHEETS)	3
PLAN SHEETS (PP)	4-22
SPECIAL SHEETS (SS)	23
TRAFFIC CONTROL SHEETS (TC)	24-32
SIGNING SHEETS (SN)	33-36



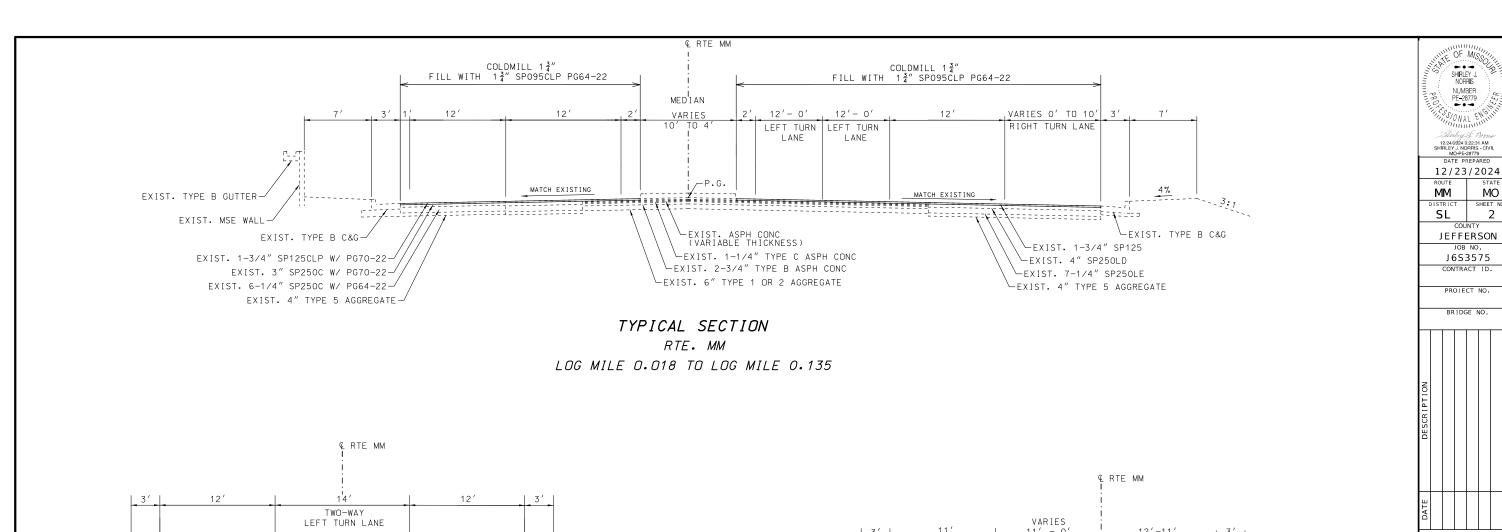
LENGTH OF PROJECT

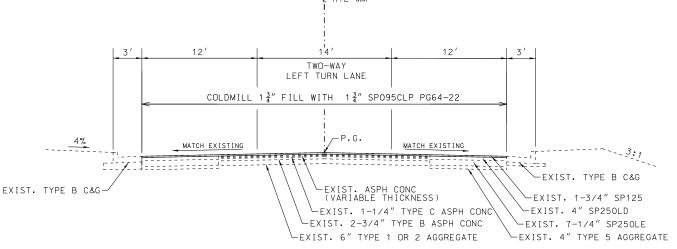
LENGIH UF	PK	UJEC	ı	
BEGINNING OF PROJECT END OF PROJECT		LM LM	-	
APPARENT LENGTH		23,543.	52	FEET
EQUATIONS AND EXCEPTIONS:				
BRIDGE A5825 EXCEPTION:				
LM 0.575 TO LM 0.635		316.	80	FEET

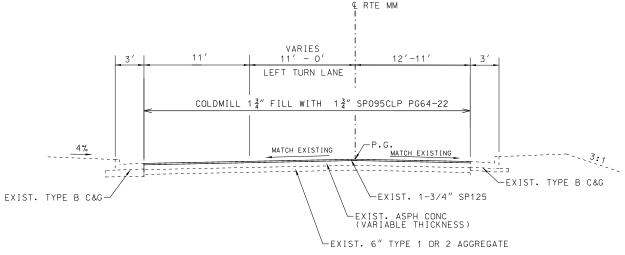
TITLE SH

NS	-316.80	FEET
ROJECT	23,226.72	FEET
	4.399	MILE
ONLY RED ACRES	0	ACRE

'LE SHEET







TYPICAL SECTION

RTE. MM LOG MILE 0.135 TO LOG MILE 0.575 LOG MILE 0.635 TO LOG MILE 0.741

TYPICAL SECTION

RTE. MM

LOG MILE 0.741 TO LOG MILE 0.815

BRIDGE A5825 EXCEPTION

LOG MILE 0.575 TO LOG MILE 0.635

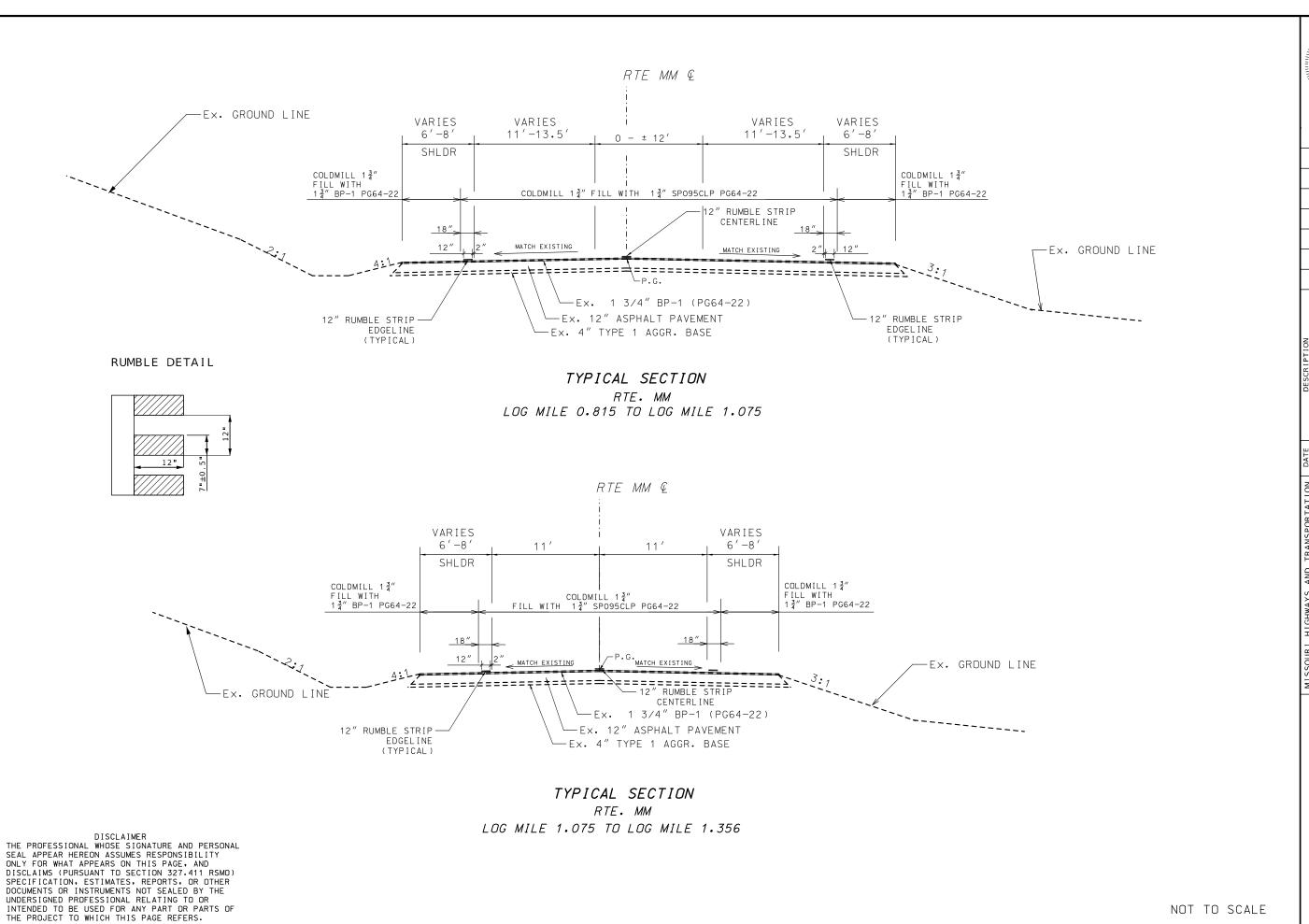
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APPLICATION	RATES
SP095CLP W/PG 64-22	= 1.950 TONS/CY
BP-1 W/PG 64-22	= 1.96 TONS/CY
TACK COAT	= 0.10 GAL/SY

NOT TO SCALE

SHEET 6

TYPICAL SECTION SHEET 1 OF



NOT TO SCALE

SHIRLEY J NORRIS NUMBER PE-28779

12/23/2024

JEFFERSON

J6S3575

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

SHEET 6

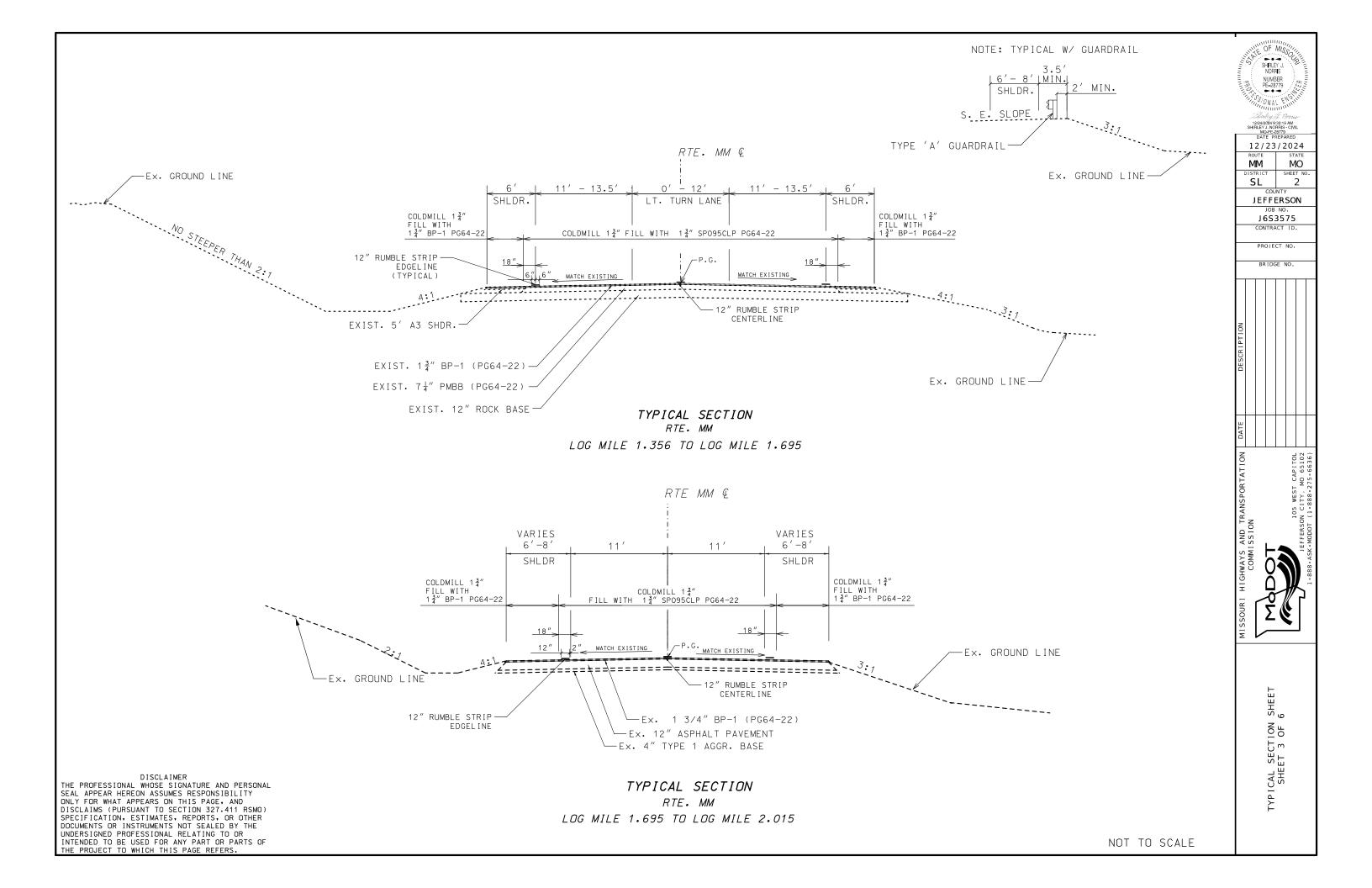
TYPICAL SECTION SHEET 2 OF

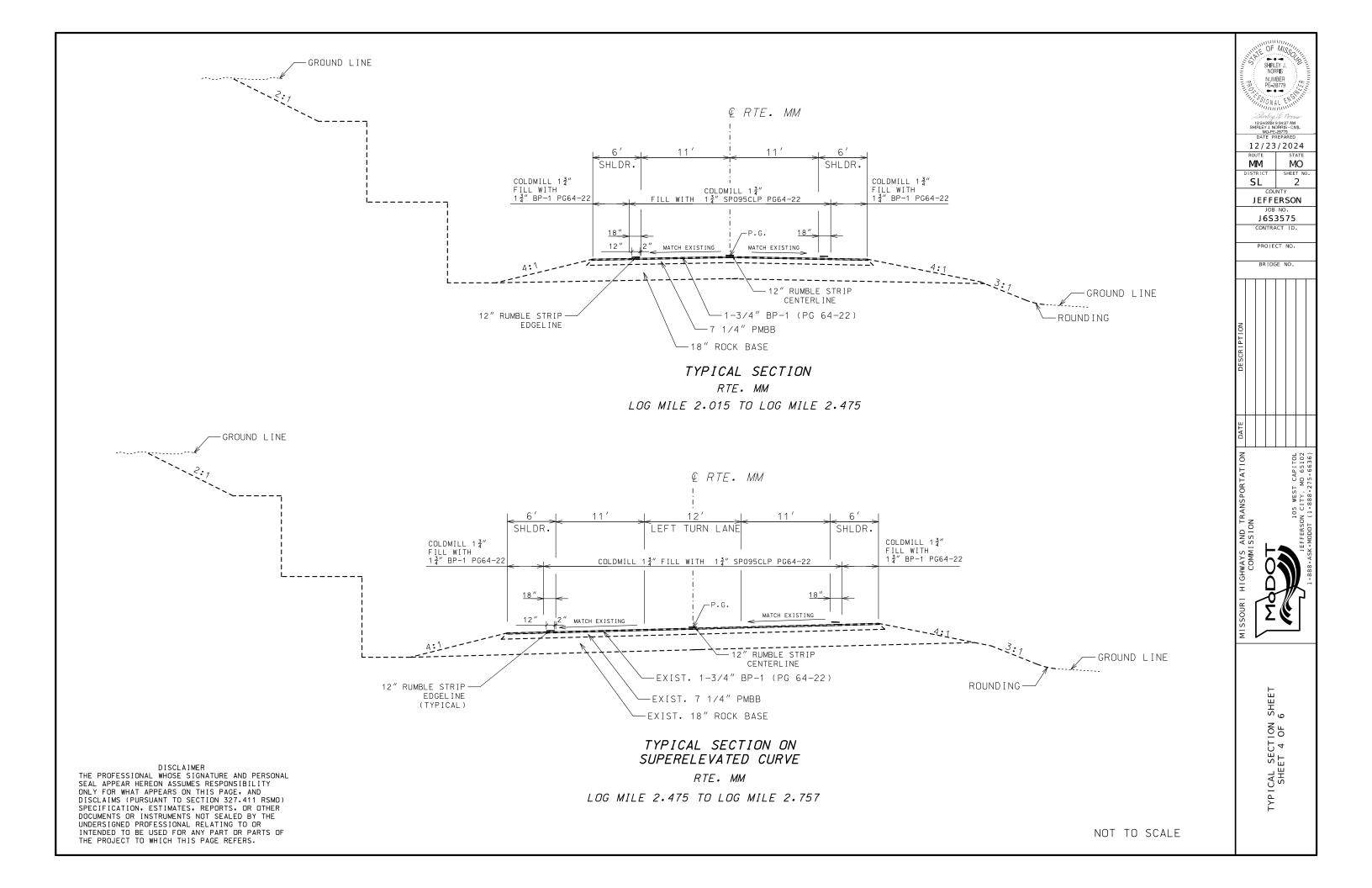
MO

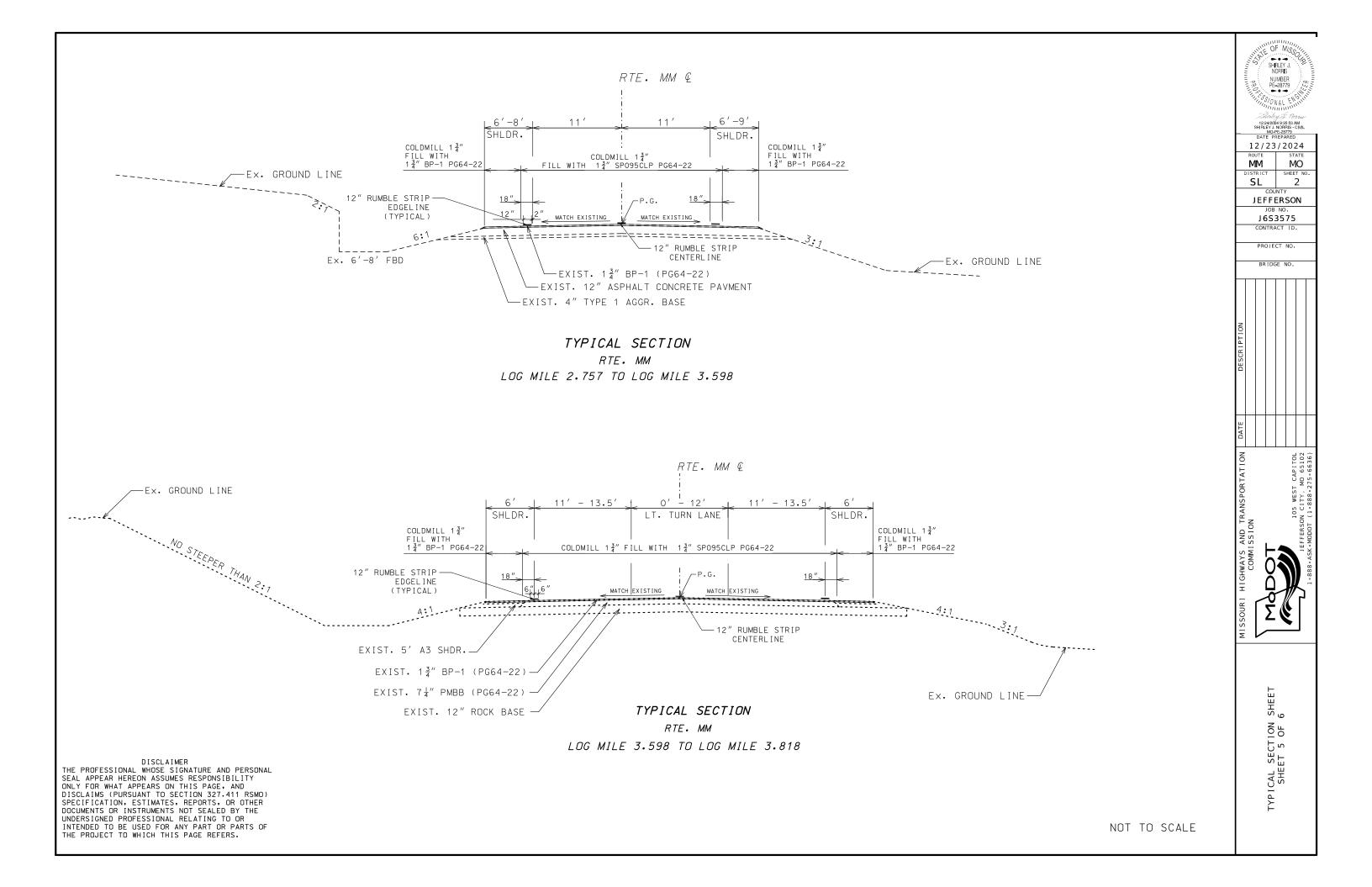
2

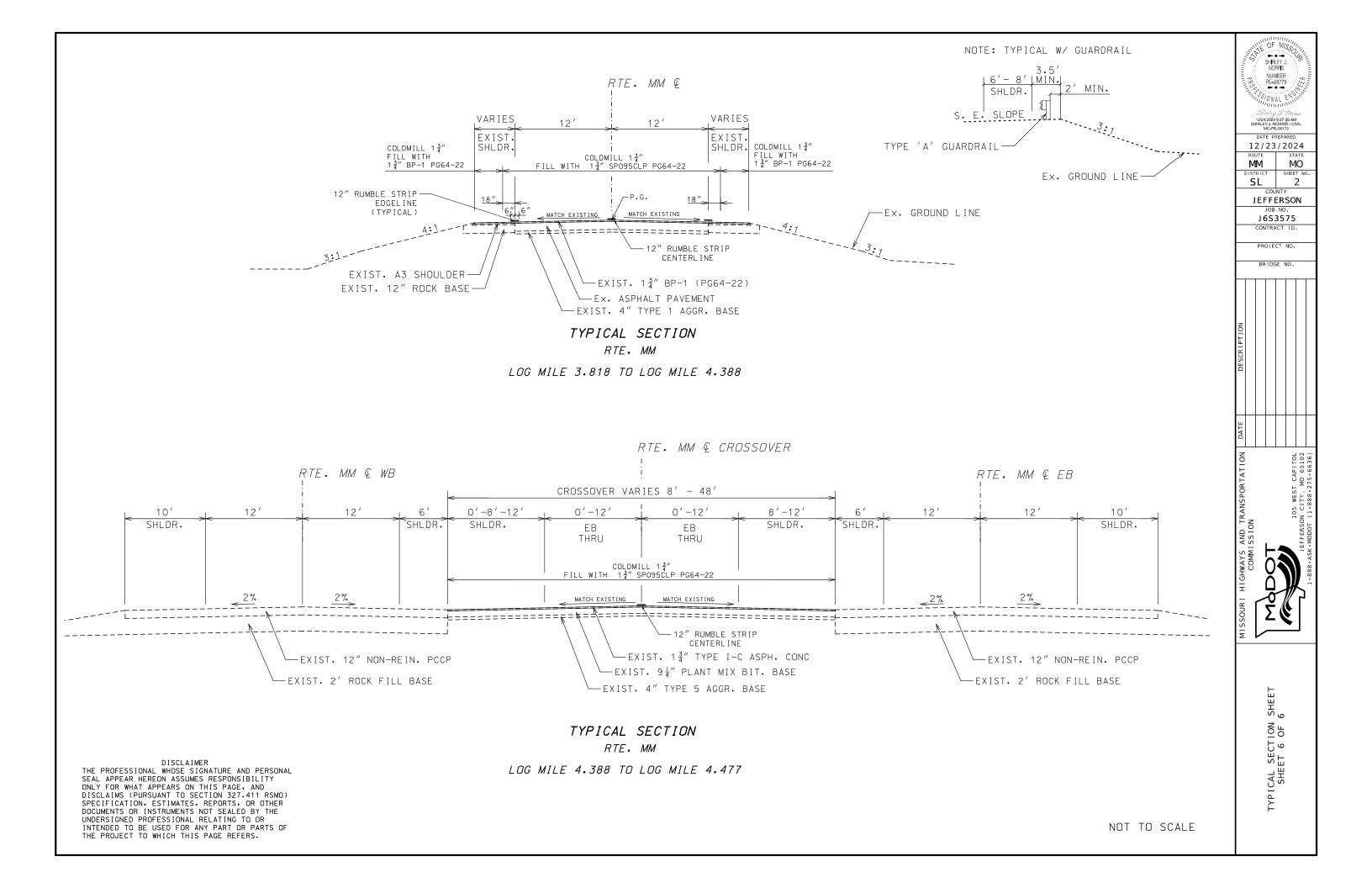
MM

SL









								PAVEME	ENT				
								LINE: XXXX	LINE: XXXX	LINE: XXXX	LINE: XXXX	LINE: XXXX	
								(MAINLINE)	(SHOULDER)	TACK COAT	TACK COAT	COLDMILLING	1
PLAN				(MAINLINE)	(SHOULDER)	(MAINLINE)	(SHOULDER)		1.75"		FOR 1.75"	BITUMINOUS	REMARKS
SHEET	LOG	LOG	ROADWAY	,	AREA	AREA	AREA	SP095CLP	BP-1	SP095CLP	BP-1	PAVEMENT	1121 # ###
NO.	MILE	MILE						W/ PG 64-22	W/ PG 64-22			(3 IN. THICK OR LESS)	
				S.F.	S.F.	S Y	S.Y.	(TON)	(TON)	(GAL)	(GAL)	` (S.Y.)	
4	0.018	0.246	ROUTE MM	64,579	-	7,175	-	680.2	- '	717.5	- 1	7175.0	
5	0.246	0.490	ROUTE MM	56,171	-	6,241	-	591.6	-	624.1	-	6241.0	
6	0.490	0.740	ROUTE MM	62,358	=	6,929	-	656.8	-	692.9	-	6929.0	BRIDGE A5825 EXCEPTION
7	0.740	0.985	ROUTE MM	44,749	10,880	4,972	1,209	471.3	115.2	497.2	120.9	6181.0	
8	0.985	1.230	ROUTE MM	36,588	13,527	4,065	1,503	385.4	143.2	406.5	150.3	5568.0	
9	1.230	1.480	ROUTE MM	38,907	14,351	4,323	1,595	409.8	151.9	432.3	159.5	5918.0	
10	1.480	1.725	ROUTE MM	45,028	11,637	5,003	1,293	474.3	123.2	500.3	129.3	6296.0	
11	1.725	1.970	ROUTE MM	32,860	15,474	3,651	1,719	346.1	163.8	365.1	171.9	5370.0	
12	1.970	2.215	ROUTE MM	33,176	13,689	3,686	1,521	349.4	144.9	368.6	152.1	5207.0	
13	2.215	2.465	ROUTE MM	33,726	12,932	3,747	1,437	355.2	136.9	374.7	143.7	5184.0	
14	2.465	2.710	ROUTE MM	45,966	12,833	5,107	1,426	484.1	135.9	510.7	142.6	6533.0	
15	2.710	2.955	ROUTE MM	35,200	12,052	3,911	1,339	370.7	127.6	391.1	133.9	5250.0	
16	2.955	3.200	ROUTE MM	33,017	12,550	3,669	1,394	347.7	132.9	366.9	139.4	5063.0	
17	3.200	3.450	ROUTE MM	33,595	15,095	3,733	1,677	353.8	159.8	373.3	167.7	5410.0	
18	3.450	3.690	ROUTE MM	36,002	15,484	4,000	1,720	379.2	163.9	400.0	172.0	5720.0	
19	3.690	3.940	ROUTE MM	39,181	13,827	4,353	1,536	412.7	146.4	435.3	153.6	5889.0	
20	3.940	4.185	ROUTE MM	33,209	15,148	3,690	1,683	349.8	160.4	369.0	168.3	5373.0	
21	4.185	4.435	ROUTE MM	34,793	8,407	3,866	934	366.5	89.0	386.6	93.4	4800.0	
22	4.435	4.477	ROUTE MM	3,938	-	438	-	41.5		43.8	-	438.0	
ALL	0.018	4.477	ROUTE MM	74,304	19,789	8,256	2,199	782.6	209.5	26.7	26.7		Pavement Edge Treatment
ALL	0.018	4.477	ROUTE MM	74,304	19,789	8,256	2,199	782.6	209.5	825.6	219.9		10% for irregulaties
								9391.3	2514.0	9108.2	2445.2	104545.0	
							PAY TOTAL	9391	2514	115	53	104545]

						Р	ERMANENT F	PAVEMENT MARKINGS							
				HIGH BUILE	WATERBORNE (TYPE	PAVEMENT MAR L BEADS)	KING PAINT	STANDARD WATERBORNE PAVEMENT MARKING PAINT (TYPE P BEADS)	PREFORMED THERMOPLASTIC PAVEMENT MARKINGS					PAVEMENT MARKING REMOVAL	
			1	LINE: XXXX	LINE: XXXX	LINE: XXXX		LINE: XXXX		LINE: XXXX	LINE: XXXX	LINE: XXXX		LINE: XXXX	
			1 '							24" SOLID				PAVEMENT MARKING	
PLAN			1 '	6" SOLID	6" INTERM.	4" SOLID	4" INTERM.	24" SOLID	6" SOLID	WHITE	"ONLY"	LEFT	RIGHT	REMOVAL	REMARKS
SHEET			1 '	WHITE	WHITE	YELLOW	YELLOW	YELLOW	WHITE	STOP BAR		ARROW	ARROW	PAINT	
NO.	LOG MILE	LOG MILE	ROADWAY	(L.F.)	(L.F.)	(L.F.)	(L.F.)	(L.F.)	(L.F.)	(L.F.)	(EACH)	(EACH)	(EACH)	(L.F.)	
4	0.018	0.2462	MM	2901.0	297.0	2367.0	1189.0			36	2	7	3		
5	0.2462	0.490	MM	1408.0		2574.0	2574.0					6			
6	0.490	0.740	MM	2264.0		1893.0	1418.0		210.0	24		4			
6 - 7		MAIN ST/	HILLSBORO-HOUSE SP	RINGS 3R000.0		112.0			163.0	36				36	
7	0.740	0.985	MM	2610.0		3096.0		52.0		24		2			
8	0.985	1.230	MM	2381.0		3516.0		49.0							
9	1.230	1.480	MM	2739.0		3356.0		48.0				2			
10	1.480	1.725	MM	2608.0		3158.0	704.0	59.0				4			
11	1.725	1.970	MM	2588.0		2588.0									
12	1.970	2.215	MM	2588.0		2588.0									
13	2.215	2.465	MM	2503.0		2588.0									
14	2.465	2.710	MM	3099.0		2948.0		43.0				4			
15	2.710	2.955	MM	2539.0		3170.0		55.0							
16	2.955	3.200	MM	2376.0		2588.0									
17	3.200	3.450	MM	2483.0		2588.0									
18	3.450	3.690	MM	2388.0		2924.0		31.0				1			
19	3.690	3.940	MM	2711.0		3384.0		47.0				1			
20	3.940	4.185	MM	2418.0		2588.0									
21	4.185	4.435	MM	2037.0	454.0	1836.0									
22	4.435	4.477	MM			146.0									
			SUBTOTALS	44941	751	50008	5885	384	373	120	2	31	3	36	
			PAY TOTALS	45	129	51	479	384	373	120	2	34		36	

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SUMMARY OF QUANTITIES SHEET 1 OF 5



12/24/2024 MM MO SHEET NO. SL 3

JEFFERSON

J6S3575 CONTRACT ID.

PROJECT NO.



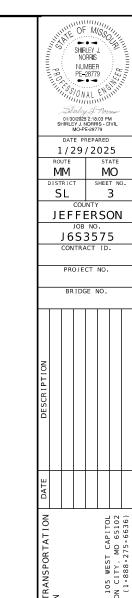
QUANTITIES SHEET SHEET 1 OF 5

							GUARD	DRA I L			
					LINE: XXXX	LINE: XXXX	LINE: XXXX	LINE: XXXX	LINE: XXXX	LINE: XXXX	
PLAN SHEET NO.	ROADWAY	LOG MILE	LOG MILE	LOCATION	MGS GUARDRAIL	MGS CRASHWORTHY END TERMINAL	MGS END ANCHOR	ROADSIDE GUARD CABLE 3-STRAND (16 T. POST SPACING)	ANCHOR ASSEMBLY GUARD CABLE 3- STRAND TO GUARDRAIL TRANSITION	ANCHOR ASSEMBLY GUARD CABLE 3-STRAND	REMARKS
					(L.F.)	(EACH)	(EACH)	(L.F)	(EACH)	(EACH)	
4	ROUTE MM	0.0000	0.0850	RT	362.5	2					
4	ROUTE MM	0.1030	0.1470	LT	187.5	1	1				
10	ROUTE MM	1.4950	1.5420	LT	150.0	2					
10	ROUTE MM	1.4830	1.5160	RT	75.0	2					
10	ROUTE MM	1.6100	1.7100	RT	475.0	2					
11	ROUTE MM	1.7380	1.8040	RT				368		2	
12	ROUTE MM	1.9840	2.0810	RT	412.5	2					
13	ROUTE MM	2.2770	2.3860	RT	475.0	2					
15	ROUTE MM	2.8110	2.8800	RT	262.5	2					
15	ROUTE MM	2.9030	2.9550	RT	175.0	2					
16	ROUTE MM	3.0720	3.0920	LT	75.0	1	1				
17	ROUTE MM	3.2020	3.3110	RT	500.0	1		92.5	1	1	
17	ROUTE MM	3.2970	3.3090	LT	112.5	2					
17-18	ROUTE MM	3.3700	3.4520	RT	337.5	2					
18	ROUTE MM	3.4720	3.5240	RT	175.0	2					
19	ROUTE MM	3.8120	3.9020	LT	62.5	2					
19-20	ROUTE MM	3.9220	3.9990	RT	300.0	2					
20	ROUTE MM	3.9440	3.9730	LT	62.5	2					
20	ROUTE MM	3.9850	4.0240	LT	162.5	1	1				
21-22	ROUTE MM	4.4080	4.5430	RT	625.0	1	1				
					4007.5			100.5			
				SUB TOTALS	4987.5	33.0	4.0	460.5	1.0	3.0	
				PAY TOTALS	4988	33	4	461	1	3	

	CONCRETE SIDEWALK - CURB RAMPS									
			LINE: XXXX	LINE: XXXX	LINE: XXXX	LINE: XXXX				
			4"	TE CURB RAMP						
PLAN			CONCRETE	TYPE 5		MODIFIED				
SHEET	ROADWAY	LOCATION	SIDEWALK	AGGR .	TRUNCATED	COMPOUND PERPENDICULAR	REMARKS			
NO.				BASE	DOMES	CURB RAMP				
			(S.Y.)	(S.Y.)	(S.F.)	(S.Y.)				
23	MM	NE QUADRANT	13.2	13.2	11	19.3	INTERSECTION OF ROUTE MM AND MAIN STREET			
							(HILLSBORO - HOUSE SPRINGS ROAD)			
		SUB TOTALS	13.2	13.2	11	19.3				
		PAY TOTALS	13.2	13	11	19.3				

PARTIAL DEPTH PAVEMENT REPAIRS									
ROUTE	REPAIR THICKNESS (IN)	AREA (SF)	VOLUME (CY)	FURNISHING AND PLACING BITUMINOUS MATERIAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR TONS	REMOVALS FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR SY				
ROUTE MM	4	68829	849.7	1656.92	7647.67				
			TOTAL	1656.92	7647.67				
			PAY TOTAL	1656.9	7647.7				

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MISSOURI HIGHWAYS AND TRANSPORTA'
COMMISSION

MADOT

105 WEST CAF

QUANTITY SHEET

				RE	MOVAL OF IMPROVEMENTS-ROADWAY
PLAN SHEET NO.	ROADWAY	LOG MILE	LOG MILE	LOCATION	DESCRIPTION OF REMOVAL
4	ROUTE MM	0	0.085	RT	462.5' EX. GUARDRAIL (INCL. 2 CWET)
10	ROUTE MM ROUTE MM	0.103 1.4950	0.147 1.5420	LT LT	237.5' EX. GUARDRAIL (INCL. 1 CWET, 1 TERMINAL END ANCHOR) 250' EX. GUARDRAIL (INCL. 2 CWET)
10	ROUTE MM	1.4830	1.5160	RT	175' EX. GUARDRAIL (INCL. 2 CWET)
10	ROUTE MM	1.6100	1.7100	RT	575' EX. GUARDRAIL (INCL. 2 CWET)
11	ROUTE MM	1.7380	1.8040	RT	368' EX. GUARDCABLE (INCL. 2 GUARDCABLE END ANCHOR)
12	ROUTE MM ROUTE MM	1.9840 2.2770	2.0810	RT RT	512.5' EX. GUARDRAIL (INCL. 2 CWET) 575' EX. GUARDRAIL (INCL. 2 CWET)
15	ROUTE MM	2.8110	2.8800	RT	362.5' EX. GUARDRAIL (INCL. 2 CWET)
15	ROUTE MM	2.9030	2.9550	RT	275' EX. GUARDRAIL (INCL. 2 CWET)
16	ROUTE MM	3.0720	3.0920	LT	137.5' EX. GUARDRAIL (INCL. 2 CWET)
17 17	ROUTE MM ROUTE MM	3.2020 3.2970	3.3110	RT LT	500' EX. GUARDRAIL W/ 92.5' GUARDCABLE (INCL. 1 CWET, 1 GC TRANSITION, 1 GC END ANCHOR) 212.5' EX. GUARDRAIL (INCL. 2 CWET)
17-18	ROUTE MM	3.3700	3.4520	RT	437.5' EX. GUARDRAIL (INCL. 2 CWET)
18	ROUTE MM	3.4720	3.5240	RT	275' EX. GUARDRAIL (INCL. 2 CWET)
19	ROUTE MM	3.8120	3.9020	LT	162.5' EX. GUARDRAIL (INCL. 2 CWET)
19-20	ROUTE MM ROUTE MM	3.9220 3.9440	3.9990 3.9730	RT LT	400' EX. GUARDRAIL (INCL. 2 CWET) 162.5' EX. GUARDRAIL (INCL. 2 CWET)
20	ROUTE MM	3.9850	4.0240	LT	225' EX. GUARDRAIL (INCL. 1 CWET, 1 TERMINAL END ANCHOR)
21-22	ROUTE MM	4.4080	4.5430	RT	725' EX. GUARDRAIL (INCL. 1 CWET, 1 TERMINAL END ANCHOR)
23	ROUTE MM			LT LT	SIDEWALK (21.5 SQYD)
4	ROUTE MM ROUTE MM	5.185*		LT	(3) 30'X6' DETECTION LOOPS SIGN ASSEMBLY, POST
4	ROUTE MM	0.032		RT	SIGN ONLY
4	ROUTE MM	0.058		RT	SIGN ONLY
4	ROUTE MM ROUTE MM	5.135*		LT RT	SIGN ASSEMBLY, POST SIGN, POST
4	ROUTE MM	0.085 5.113*		LT	SIGN, POST SIGN, POST
4	ROUTE MM	0.104		RT	SIGN, POST
4	ROUTE MM	0.123		RT	SIGN, POST
4	ROUTE MM ROUTE MM	0.123 5.081*		RT LT	SIGN, POST SIGN, POST
4	ROUTE MM	5.081*		LT	SIGN ASSEMBLY, POST
4	ROUTE MM	0.133		RT	SIGN ASSEMBLY, POST
4	ROUTE MM	0.143		RT	SIGN, POST
4	ROUTE MM ROUTE MM	5.064* 4.967*		LT LT	SIGN ASSEMBLY, POST SIGN, POST
5	ROUTE MM	0.412		RT	SIGN, POST
6	ROUTE MM	4.655*		LT	SIGN, POST
6	ROUTE MM	0.560		RT	SIGN, POST
6	ROUTE MM ROUTE MM	4.507* 4.489*		LT LT	SIGN, POST SIGN, POST
7	ROUTE MM	0.768		RT	SIGN, POST
7	ROUTE MM	0.870		RT	SIGN, POST
7	ROUTE MM ROUTE MM	0.878 4.300*		RT LT	SIGN, POST SIGN, POST
7	ROUTE MM	0.908		RT	SIGN, POST
7	ROUTE MM	4.238		LT	SIGN, POSTS
9	ROUTE MM	1.442		RT RT	SIGN, POST
10	ROUTE MM ROUTE MM	1.490 3.681*		LT	SIGN ASSEMBLY, POST SIGN ASSEMBLY, POST
10	ROUTE MM	3.657*		LT	SIGN, POST
10	ROUTE MM	1.621		RT	SIGN ASSEMBLY, POST
10	ROUTE MM ROUTE MM	1.649 3.535		RT LT	SIGN ASSEMBLY, POST SIGN ASSEMBLY, POST
11	ROUTE MM	1.907		RT	SIGN, POST
11	ROUTE MM	3.287		LT	SIGN ASSEMBLY, POST
12	ROUTE MM	1.986		RT	SIGN, POST
13	ROUTE MM ROUTE MM	2.833*		LT LT	SIGN, POST SIGN, POST
13	ROUTE MM	2.377		RT	SIGN, POST
14	ROUTE MM	2.680		RT	SIGN, POST
14 15	ROUTE MM ROUTE MM	2.527*		LT LT	SIGN, POST SIGN ASSEMBLY, POST
16	ROUTE MM	3.134		RT	SIGN ASSEMBLY, POST
17	ROUTE MM	3.267		RT	SIGN, POST
17	ROUTE MM	1.859*		LT	SIGN, POST
18 19	ROUTE MM ROUTE MM	1.581* 3.817		LT LT	SIGN, POST SIGN, POST
19	ROUTE MM	1.360*		RT	SIGN, POST SIGN, POST
	ROUTE MM	3.947		RT	SIGN, POST
20					
20 20 21	ROUTE MM ROUTE MM	1.187*		LT LT	SIGN, POST SIGN, POST

CLEARING AND GRUBBING NO DIRECT PAY

MOB I L I ZAT	ION
	LINE: XXXX
LUMP SUM	QUANTITY
	1

CONTRACTOR	FURNISHED	SURVEYING	& STAKING
			LINE: XXXX
	LUMP SUM		QUANTITY
		Γ	1

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12/24/2024

ROUTE STATE

MM MO

DISTRICT SHEET NO.

SL 3

JEFFERSON

J6S3575 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE DESCRIPTION

SSOURI HIGHWAYS AND TRANSPORTATIC COMMISSION

MODOT

105 WEST CAPITO

JEFFERSON CITY, MO 6510

UANTITY SHEET

SUMMARY OF QUANTITIES
SHEET 3 OF 5

				INDUCTION L	OOPS	
				LINE: XXXX	LINE: XXXX	
				CABLE	CONDUIT	
				LOOP DETECTOR	1 IN., LOOP DETECTOR	
SHEET				IN-DUCT	WITH TRACER WIRE	
NO.	FROM	то	ROADWAY	(LF)	(LF)	REMARKS
4			RTE. MM	576.00		REPLACE 6' X 30' LOOP
4			RTE. MM	576.00		REPLACE 6' X 30' LOOP
4			RTE. MM	576.00		REPLACE 6' X 30' LOOP
23	EX PB 1	DETECTOR 50	RTE. MM	218.00	14.00	REINSTALL 6' X 15' LOOP
23	EX PB 1	DETECTOR 21	RTE. MM	188.00	13.00	REINSTALL 6' X 15' LOOP
23	EX PB 1	DETECTOR 51	RTE. MM	182.00	15.00	REINSTALL 6' X 6' LOOP
23	EX PB 1	DETECTOR 22	RTE. MM	124.00	17.00	REINSTALL 6' X 6' LOOP
23	EX PB 7	DETECTOR 80	MAIN ST	196.00	5.00	REINSTALL 6' X 15' LOOP
23	EX PB 7	DETECTOR 81	MAIN ST	104.00	7.00	REINSTALL 6' X 6' LOOP
23	EX PB 8	DETECTOR 61	RTE. MM	172.00	9.00	REINSTALL 6' X 15' LOOP
23	EX PB 8	DETECTOR 10	RTE. MM	192.00	9.00	REINSTALL 6' X 15' LOOP
23	EX PB 8	DETECTOR 62	RTE. MM	126.00	10.00	REINSTALL 6' X 6' LOOP
23	EX PB 8	DETECTOR 11	RTE. MM	154.00	9.00	REINSTALL 6' X 6' LOOP
23	EX PB 9	DETECTOR 40	HHS RD	182.00	15.00	REINSTALL 6' X 15' LOOP
23	EX PB 9	DETECTOR 41	HHS RD	116.00	21.00	REINSTALL 6' X 6' LOOP
			SUB TOTAL	3682.00	144.00	
			SUB TOTAL	184		5% FOR SNAKING
			PAY TOTAL	3870.0	144.0	

			А	UDIBLE PED PUSH B	UTTON	
				LINE: XXXX	LINE: XXXX	
				REMOVE EXIST.	REPLACE WITH NEW	
	POST			PRESSURE ACTIVATED	AUDIBLE PED SIGNAL	
SHEET	#			PED PUSH BUTTON	PUSH BUTTON	
NO.		ROADWAY	LOCATION	(EA)	(EA)	REMARKS
23	5	HHS RD	SW QUADRANT	1	1	
23	6	RTE. MM	SW QUADRANT	1	1	
23	7	RTE. MM	NW QUADRANT	1	1	
23	8	MAIN ST	NW QUADRANT	1	1	
23	9	MAIN ST	NE QUADRANT	1	1	
23	10	RTE. MM	NE QUADRANT	1	1	
23	11	RTE. MM	SE QUADRANT	1	1	
23	12	HHS RD	SE QUADRANT	1	1	
			SUB TOTAL	8	8	
			PAY TOTAL	LUMP SUM*	8	

				RI	UMBLE STRIPS	5		
PLAN				BITUMINOUS SHOULDER	BITUMINOUS SHOULDER	BITUMINOUS CENTERLINE	BITUMINOUS CENTERLINE	
SHEET		BEGIN	END	RUMBLE STRIP			RUMBLE STRIP	
NO.	ROADWAY	STATION	STATION	(LF)	(STA)	(LF)	(STA)	REMARKS
7	ROUTE MM	0.740	0.985	764.0	8	322	3	NO RUMBLE STRIPS BEFORE PLAN SHEET 7
8	ROUTE MM	0.985	1.23	1623.0	16	802	8	
9	ROUTE MM	1.230	1.48	1756.0	18	711	7	
10	ROUTE MM	1.480	1.725	1958.0	20	38	0	
11	ROUTE MM	1.725	1.97	1671.0	17	1292	13	
12	ROUTE MM	1.970	2.215	2456.0	25	1296	13	
13	ROUTE MM	2.215	2.465	2261.0	23	1320	13	
14	ROUTE MM	2.465	2.71	2003.0	20	38	0	
15	ROUTE MM	2.710	2.955	2208.0	22	820	8	
16	ROUTE MM	2.955	3.2	1617.0	16	1296	13	
17	ROUTE MM	3.200	3.45	1855.0	19	1320	13	
18	ROUTE MM	3.450	3.69	1680.0	17	828	8	
19	ROUTE MM	3.690	3.94	2160.0	22	660	7	
20	ROUTE MM	3.940	4.185	2244.0	22	1296	13	
21	ROUTE MM	4.185	4.435	864.0	9	780	8	
22	ROUTE MM	4.435	4.477	0.0	0	0	0	
			TOTAL		274		127	
			PAY TOTAL		274		127	

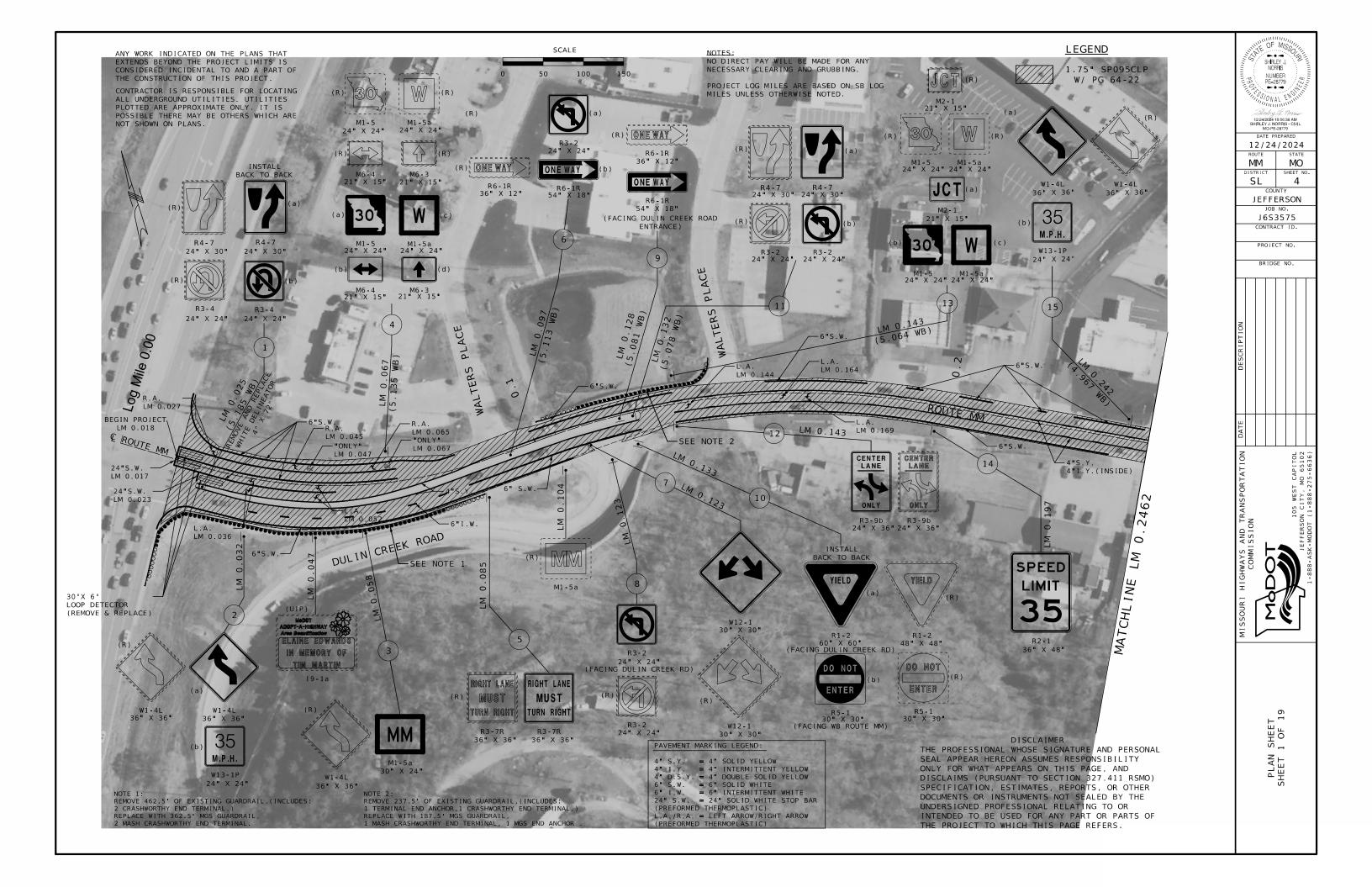
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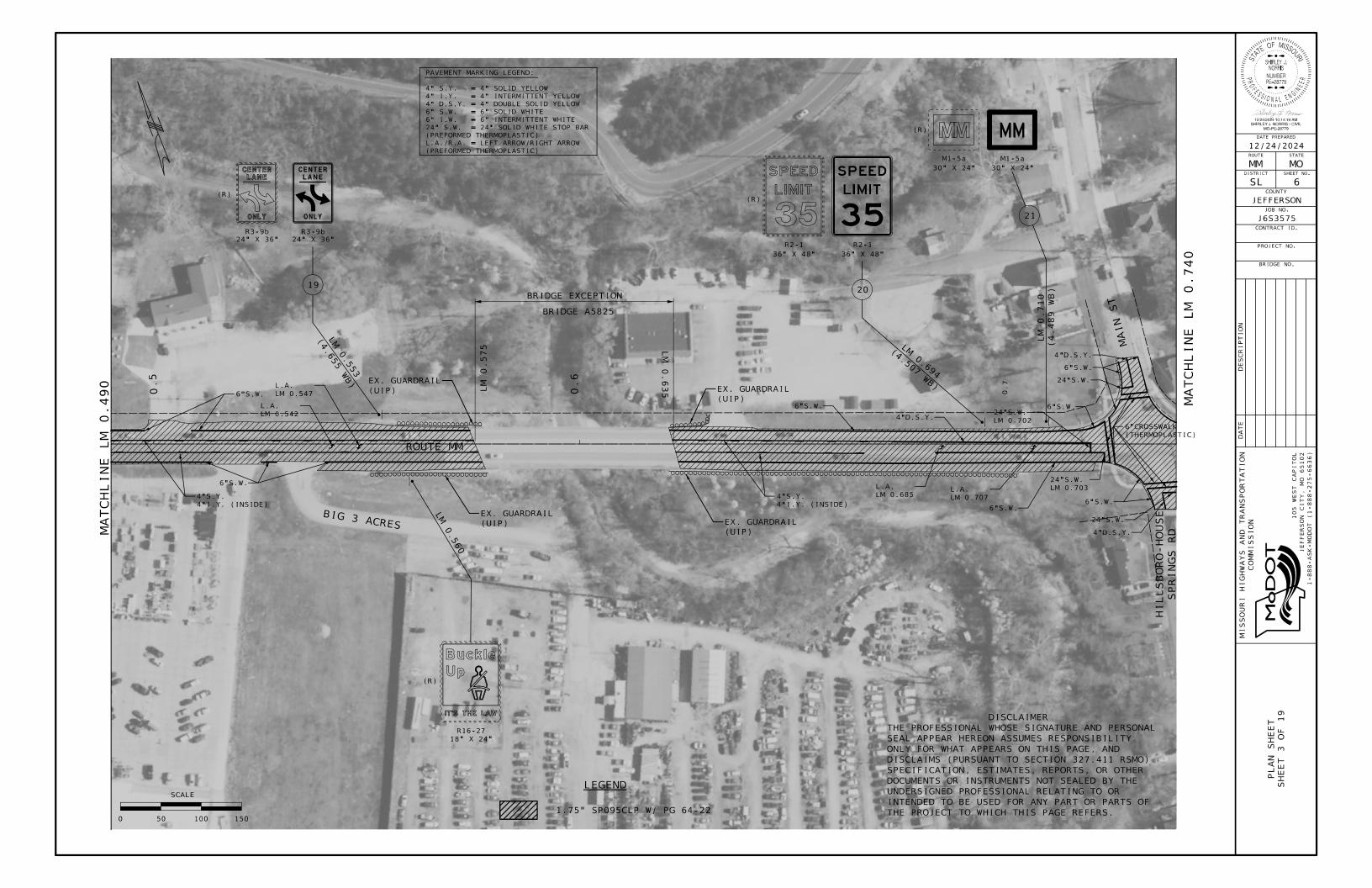
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THIIIIII WY	ROI M DIST	12/24 HIRLE DAT 2 / UTE O	SHR NO NUM PE-2024 Y J. N NO-PE E PI	9:47: 9:47: 9:47: 9:47:	Plocation of the second of the	24 ATE	
	JE	ΞF			S	NC	
			S		7.	<u>5</u>	
		PR	OJE	СТ	NO.		
		BR	IDO	E I	VO.		
DESCRIPTION							
DATE							
SSOURI HIGHWAYS AND TRANSPORTATION	COMMISSION		Modot		105 WEST CAPITOL	JEFFERSON CITY, MO 65102	1-888-ASK-MODOT (1-888-275-6636)

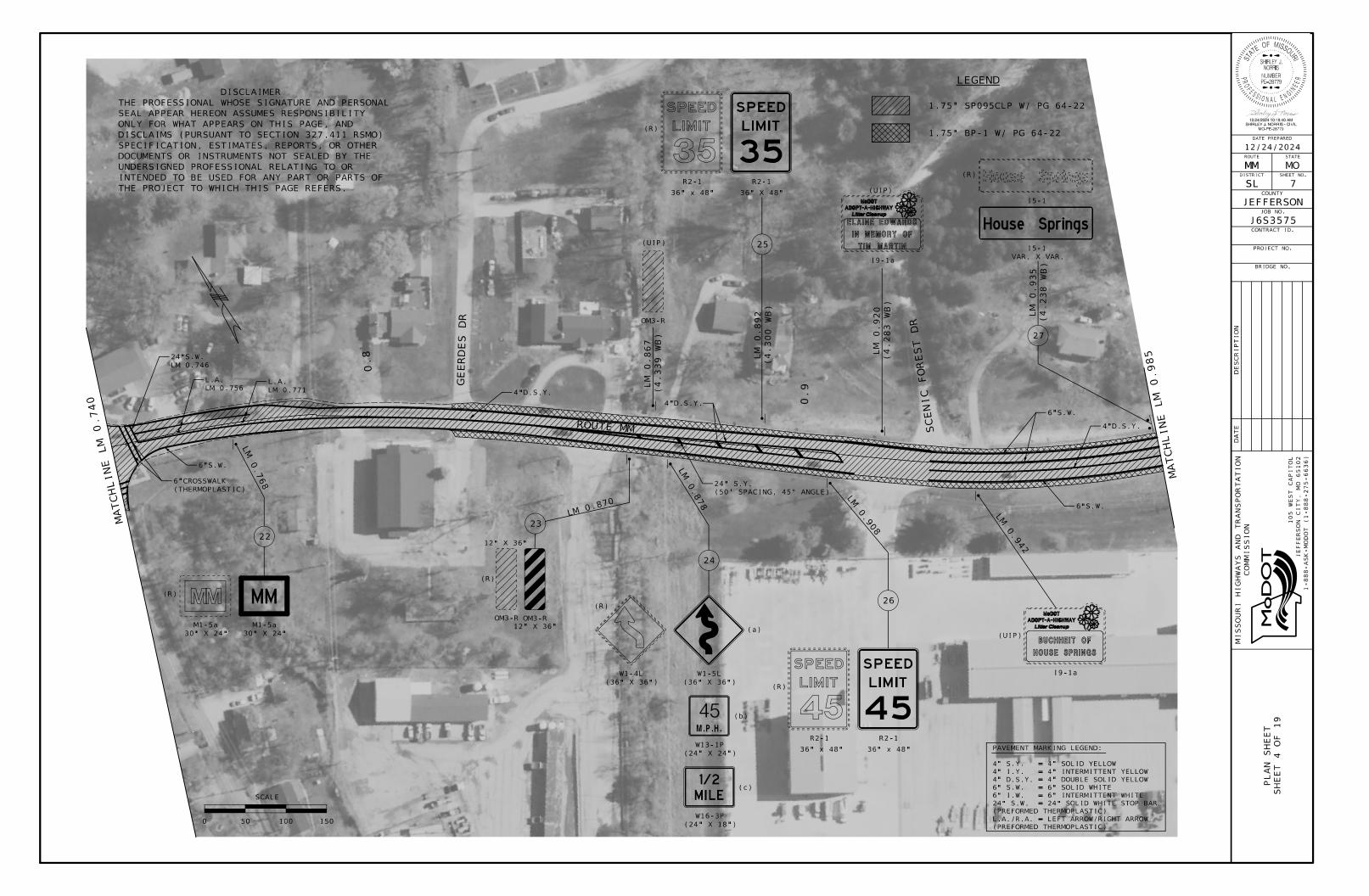
SUMMARY OF QUANTITIES
SHEET 4 OF 5

1			TOTAL QTY TOTAL	SIGN	\Box					QTY TOTAL SIGN				EFFECTIVE: 07-01-2024	mminn,
	SIZE	AREA QTY	'			SIZE	AREA	QTY	TOTAL	RELOC RELOC NUM		ITEM	TOTAL		THINK OF MISSON
SIGN	IN.	SQ. FT. EACH	H SQ FT EACH SQ FT.	DESCRIPTION	SIGN	IN.	SQ.FT.	EACH	SQ.FT.	EACH SQ FT	DESCRIPTION	NUMBER	QTY	DESCRIPTION	SHIRLEY J
			WARNING SIGNS						GU I	DE SIGNS		6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	NORRIS NUMBER
		16.00		TURN (SYMBOL LEFT)	E05-1		12.00				GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	PE-28779
		16.00		TURN (SYMBOL RIGHT)	E05-2		12.00				EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	- INSONAL ENGLIS
		16.00		CURVE (SYMBOL LEFT)	E05-2a		12.00		20.00	1	EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	Alvely S. Porris
		16.00		CURVE (SYMBOL RIGHT) REVERSE TURN (SYMBOL LEFT)	GO20 - 1 GO20 - 2		8.00		20.00		ROAD WORK NEXT 4.4 MILES END ROAD WORK	6122014 6122017		IMPACT ATTENUATOR 60 MPH (SAND BARRELS) IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	01/30/2025 2:20:56 PM SHIRLEY J. NORRIS - CIVIL
		16.00		REVERSE TURN (SYMBOL RIGHT)	GO20 - 4		4.50		10.00	20	PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	MO-PE-28779
		16.00		REVERSE CURVE (SYMBOL LEFT)	GO20 - 4a			4	35.00	58	PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	DATE PREPARED 1 / 29 / 2025
VO1 - 4R	48X48	16.00		REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	24X18	1.50	19	28.50	60	PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)	ROUTE STATE
VO1-4bL	48X48	16.00		DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20 - 5 a F	P 36X24	6.00	2	12.00	54	WORK ZONE (PLAQUE)	6123001	1***	TRUCK MOUNTED ATTENUATOR (TMA)	MM MO
		16.00		DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4 - 8a	24X18					END DETOUR	6161008	2	ADVANCED WARNING RAIL SYSTEM	SL SHEET N
		16.00		TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4 - 9L		12.00				DETOUR (LEFT)	6161012		BUOYS (BOATS KEEP OUT)	SL 3
		16.00		TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT) HORIZONTAL ARROW (SYMBOL)	MO4 - 9R MO4 - 9P	48X36 48X12	12.00				DETOUR (RIGHT) STREET NAME (PLAQUE)	6161013 6161014		BUOYS (NO WAKE) SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	JEFFERSON
		18.00		HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4 - 10L						DETOUR ARROW (LEFT)	6161025	86	CHANNELIZER (TRIM LINE)	JOB NO.
		12.50		DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4 - 10R						DETOUR ARROW (RIGHT)	6161030		TYPE III MOVEABLE BARRICADE	J6S3575 CONTRACT ID.
VO1-7a	72X36	18.00		DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR	.)	'			REGULA	ATORY SIGNS		6161033		DIRECTION INDICATOR BARRICADE	CONTRACT ID.
VO1-8	18X24	3.00		CHEVRON (SYMBOL)	R1-1	48X48	13.25				STOP	6161040		FLASHING ARROW PANEL	PROJECT NO.
	30X36			CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2		6.93				YIELD	6161047		TYPE III OBJECT MARKER	
		16.00		STOP AHEAD (SYMBOL)	R1-2a		9.00				TO ONCOMING TRAFFIC (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	BRIDGE NO.
		16.00		YIELD AHEAD (SYMBOL) SIGNAL AHEAD (SYMBOL)	R1-3P R2-1		12.00	6	72.00		ALL WAY (PLAQUE) SPEED LIMIT 35 (4) 45 (2)	6161070		TUBULAR MARKER RADAR SPEED ADVISORY SYSTEM	
			160.00	11 BE PREPARED TO STOP	R3-1		16.00	0	12.00		NO RIGHT TURN (SYMBOL)	6161095		CHANGEABLE MESSAGE SIGN,	1
		16.00		SPEED LIMIT AHEAD	R3-2		16.00				NO LEFT TURN (SYMBOL)	6161096		COMMISSION FURNISHED/RETAINED	
		16.00		MERGE (SYMBOL FROM LEFT)	R3-3		9 00				NO TURNS			CHANGEABLE MESSAGE SIGN WITHOUT COMM.	1
	48X48	16.00		MERGE (SYMBOL FROM RIGHT)	R3-4	_	16.00				NO U-TURN (SYMBOL)	6161098A	2**	INTERFACE- CONTRACTOR FURNISHED/RETAINED	J _S
		16.00		MERGE (LEFT)	R3-7L		6.25				LEFT LANE MUST TURN LEFT			CHANGEABLE MESSAGE SIGN WITH COMM.	 [
		16.00		MERGE (RIGHT)	R3-7R		6.25				RIGHT LANE MUST TURN RIGHT	6161099		INTERFACE - CONTRACTOR FURNISHED/RETAINED	1
		16.00		ROAD/BRIDGE/RAMP NARROWS	R4-1		12.00				DO NOT PASS	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM	
		16.00		ONE LANE BRIDGE NARROW LANES	R4-2 R4-7a		12.00				PASS WITH CARE KEEP RIGHT (HORIZONTAL ARROW)	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS TEMPORARY TRAFFIC BARRIER	
		16.00		DIVIDED HIGHWAY (SYMBOL)	R4-8a		12.00				KEEP LEFT (HORIZONTAL ARROW)	6173600D		CONTRACTOR FURNISHED/RETAINED	
		16.00		DIVIDED HIGHWAY END (SYMBOL)	R5-1		6 25				DO NOT ENTER			TEMPORARY TRAFFIC BARRIER	1
VO6 - 3	48X48	16.00		TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00				WRONG WAY	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED	
VO7 - 3a	30X24	5.00		NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75				ONE WAY ARROW (LEFT)	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION]
		16.00		BUMP	R6-1R		6.75				ONE WAY ARROW (RIGHT)	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER	
		16.00		DIP	R6-2L		5.00				ONE WAY (LEFT)			TEMPORARY TRAFFIC BARRIER	
		16.00		PAVEMENT ENDS	R6-2R R9-9		5.00	1	2 00		ONE WAY (RIGHT)	6176000B		COMMISSION FURNISHED/RETAINED	
		16.00		SOFT SHOULDER SLIPPERY WHEN WET (SYMBOL)	- R9-9	24812	2.00	1	2.00		SIDEWALK CLOSED SIDEWALK CLOSED AHEAD,	6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED	10N
		16.00		TRUCK CROSSING		24X18	3.00	1 1	3.00		(ARROW LEFT) CROSS HERE	6208064A		TEMPORARY RAISED PAVEMENT MARKER	RTATIC
		16.00		TRUCK ENTRANCE	-			_			SIDEWALK CLOSED AHEAD,	9029400		TEMPORARY TRAFFIC SIGNALS	1
VO8 - 7	36X36	9.00		LOOSE GRAVEL	R9-11R	24X18	3.00	1	3.00		(ARROW RIGHT) CROSS HERE	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	S P C
VO8 - 7 a	36X36	9.00		FRESH OIL / LOOSE GRAVEL	R10-6	24X36	6.00				STOP HERE ON RED (45^ ARROW)				ANS 25
		16.00		LOW SHOULDER	R11-2	48X30	10.00				ROAD CLOSED				4 Z
		16.00 6		36 UNEVEN LANES	- _{511 3}	60420	12.50				ROAD CLOSED XX MILES AHEAD				SIO
VO8 - 12 VO8 - 15		16.00 6	96.00	35 NO CENTER LINE GROOVED PAVEMENT	R11-3a R11-4						ROAD CLOSED TO THRU TRAFFIC				A S S
VO8 - 15 P				MOTORCYCLE (PLAQUE)	CONST - 3A						FINE SIGN				S F
VO8 - 17L				SHOULDER DROP-OFF (SYMBOL LEFT)	CONST - 32	_					SPEEDING/PASSING (PLATE)				
VO8 - 17R				SHOULDER DROP-OFF (SYMBOL RIGHT)				MI	SCELL	ANEOUS SIGNS			1	DICCLAIMED	15 X \
VO8 - 17P	30X24	5.00		SHOULDER DROP-OFF (PLAQUE)	CONST - 5	_					POINT OF PRESENCE	THE DO	OFFCC	DISCLAIMER	
	42RND.			RAILROAD CROSSING	CONST-5						POINT OF PRESENCE			IONAL WHOSE SIGNATURE AND PERSONAL HEREON ASSUMES RESPONSIBILITY	;
VO12-1				DOUBLE DOWN ARROW (SYMBOL)	CONST-8					57	WORK ZONE NO PHONE ZONE			AT APPEARS ON THIS PAGE, AND	1 3
		16.00		LOW CLEARANCE (SYMBOL)	W16-9P	_					AHEAD (PLAQUE)			PURSUANT TO SECTION 327.411 RSMO)	*
V012-2x V012-2a				LOW CLEARANCE (PLAQUE) OVERHEAD LOW CLEARANCE (FEET AND INCHES)	R9-8 W11-2	_	4.50 6.25		9.00		PEDESTRIAN CROSSWALK PEDESTRIAN			ON, ESTIMATES, REPORTS, OR OTHER	
		1 14 00 1		I TOVERTIEND FOR CLEARANCE (TEEL AND INCHES)	11 " + +	_			4.00					R INSTRUMENTS NOT SEALED BY THE	
1012-4 h					W16-7P		2 00	🤈		1	IDOWNWARD DIAGONAL ARROW (PLACUE				1
	120X60	50.00 50.00		LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD	W16-7P	24/12	2.00	2	4.00		DOWNWARD DIAGONAL ARROW (PLAQUE	,		PROFESSIONAL RELATING TO OR	
VO12-5 1	120X60	50.00		LOW CLEARANCE XX FT XX IN XX MILES AHEAD		24X12					SIDEWALK CLOSED, USE OTHER SIDE	UNDERS	IGNED	PROFESSIONAL RELATING TO OR BE USED FOR ANY PART OR PARTS OF	
VO12-5 1 VO13-1	120X60 120X60	50.00 50.00 6.25		LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD								UNDERS	IGNED ED TO		
VO12-5 1 VO13-1 VO16-2 VO16-3	120X60 120X60 30X30 30X24 30X24	50.00 50.00 6.25 5.00 5.00		LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE)								UNDERS	IGNED ED TO	BE USED FOR ANY PART OR PARTS OF	
WO12-5 1 WO13-1 WO16-2 WO16-3 WO20-1	120X60 120X60 30X30 30X24 30X24 48X48	50.00 50.00 6.25 5.00 5.00 16.00 12	192.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE) 2 ROAD WORK AHEAD								UNDERS	IGNED ED TO	BE USED FOR ANY PART OR PARTS OF	H H
W012-5 1 W013-1 W016-2 W016-3 W020-1 W020-2	120X60 120X60 30X30 30X24 30X24 48X48 48X48	50.00 50.00 6.25 5.00 5.00 16.00 12 16.00	192.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE) 2 ROAD WORK AHEAD DETOUR AHEAD	R9-10	24X12		2	4.00			UNDERS	IGNED ED TO	BE USED FOR ANY PART OR PARTS OF	HEET
W012-5 1 W013-1 W016-2 W016-3 W020-1 W020-2 W020-3	120X60 120X60 30X30 30X24 30X24 48X48 48X48	50.00 50.00 6.25 5.00 5.00 16.00 12 16.00		LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE) 2 ROAD WORK AHEAD DETOUR AHEAD ROAD CLOSED AHEAD	R9-10	24X12	2.00	2	4.00 TOTAL	NO		UNDERS INTEND THE PR	IGNED ED TO OJECT	BE USED FOR ANY PART OR PARTS OF TO WHICH THIS PAGE REFERS.	SHEET F S
W012-5 1 W013-1 W016-2 W016-3 W020-1 W020-2 W020-3 W020-4	120X60 120X60 30X30 30X24 30X24 48X48 48X48 48X48	50.00 50.00 6.25 5.00 5.00 16.00 16.00 16.00 9	144.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE) 2 ROAD WORK AHEAD DETOUR AHEAD ROAD CLOSED AHEAD 7 ONE LANE ROAD AHEAD	R9-10 616-10 CONSTR	24X12 24X12 0.05	2.00	2	4.00	NO DEV	SIDEWALK CLOSED, USE OTHER SIDE	UNDERS INTEND THE PR	IGNED PED TO OJECT	BE USED FOR ANY PART OR PARTS OF TO WHICH THIS PAGE REFERS. ATING SIGNS OR	H S
W012-5 1 W013-1 W016-2 W016-3 W020-1 W020-2 W020-3 W020-4 W020-5	120X60 120X60 30X30 30X24 30X24 48X48 48X48 48X48 48X48 48X48	50.00 50.00 6.25 5.00 5.00 16.00 16.00 16.00 9		LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE) 2 ROAD WORK AHEAD DETOUR AHEAD ROAD CLOSED AHEAD	R9-10	24X12 0.05 RUCT I OI	2.00 N SIGN	2	4.00 TOTAL	TOTAL DEV	SIDEWALK CLOSED, USE OTHER SIDE DIRECT PAYMENT WILL BE MA /ICES TEMPORARY TRAFFIC CO	UNDERS INTEND THE PR DE FOR NTROL =	IGNED PED TO OJECT RELOC : 1 LU	BE USED FOR ANY PART OR PARTS OF TO WHICH THIS PAGE REFERS. ATING SIGNS OR	ITY SHE 5 OF 5
W012-5 1 W013-1 W016-2 W016-3 W020-1 W020-2 W020-3 W020-4 W020-5 W020-5a	120X60 120X60 30X30 30X24 30X24 48X48 48X48 48X48 48X48 48X48 48X48 48X48	50.00 50.00 6.25 5.00 5.00 16.00 16.00 16.00 16.00 16.00 16.00	144.00 16.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE) 2 ROAD WORK AHEAD DETOUR AHEAD ROAD CLOSED AHEAD 7 ONE LANE ROAD AHEAD RIGHT/CENTER/LEFT LANE CLOSED AHEAD	R9-10 616-10 CONSTR 616-10	24X12 0.05 RUCT I OI	2.00 N SIGN	2	4.00 TOTAL	TOTAL 0 *SI	DIRECT PAYMENT WILL BE MA VICES TEMPORARY TRAFFIC CO	UNDERS INTEND THE PR DE FOR NTROL =	IGNED PED TO OJECT RELOC 1 LU	BE USED FOR ANY PART OR PARTS OF TO WHICH THIS PAGE REFERS. ATING SIGNS OR	ITY SHE 5 OF 5
W012-5 1 W013-1 W016-2 W016-3 W020-1 W020-2 W020-3 W020-3 W020-4 W020-5 W020-6a	120X60 120X60 30X30 30X24 30X24 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48	50.00 50.00 6.25 5.00 5.00 16.00 16.00 16.00 16.00 16.00 16.00	144.00 16.00 32.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE) 2 ROAD WORK AHEAD DETOUR AHEAD ROAD CLOSED AHEAD 7 ONE LANE ROAD AHEAD RIGHT/CENTER/LEFT LANE CLOSED AHEAD 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	R9-10 616-10 CONSTR 616-10	24X12 0.05 RUCT I OI	2.00 N SIGN	2	4.00 TOTAL	TOTAL 0 *SI	DIRECT PAYMENT WILL BE MA VICES TEMPORARY TRAFFIC CO	UNDERS INTEND THE PR DE FOR NTROL = LL BE F ENGINE	IGNED TO OJECT RELOC: 1 LU IELD ER.	BE USED FOR ANY PART OR PARTS OF TO WHICH THIS PAGE REFERS. ATING SIGNS OR MP SUM	ITY SHE 5 OF 5
W012-5 1 W013-1 W016-2 W016-3 W020-1 W020-2 W020-3 W020-3 W020-5 W020-6a W020-7a	120X60 120X60 30X30 30X24 30X24 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48	50.00 50.00 6.25 5.00 5.00 16.00 12 16.00 16.00 9 16.00 1 16.00 1 16.00 2 16.00 1 9.00	144.00 16.00 32.00 160.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE) 2 ROAD WORK AHEAD DETOUR AHEAD ROAD CLOSED AHEAD 7 ONE LANE ROAD AHEAD RIGHT/CENTER/LEFT LANE CLOSED AHEAD 2 RIGHT/CENTER/LEFT LANE CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED 8 FLAGGER (SYMBOL) FRESH OIL	R9-10 616-10 CONSTR 616-10	24X12 0.05 RUCT I OI	2.00 N SIGN	2	4.00 TOTAL	TOTAL 0 *SI	DIRECT PAYMENT WILL BE MA VICES TEMPORARY TRAFFIC CO IGN AND DEVICE LOCATION WI RIFIED AND APPROVED BY THE NOT INCLUDED IN TEMPORARY	UNDERS INTEND THE PR DE FOR NTROL = LL BE F ENGINE TRAFFIC	IGNED TO OJECT RELOC: 1 LU IELD ER.: CONT	BE USED FOR ANY PART OR PARTS OF TO WHICH THIS PAGE REFERS. ATING SIGNS OR MP SUM ROL LUMP SUM BID.	QUANTITY SHE SHEET 5 OF 5
W012-5 1 W013-1 W016-2 W016-3 W020-1 W020-2 W020-3 W020-5 W020-5 W020-6a W020-7a W021-2 W021-5	120X60 120X60 30X30 30X24 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48	50.00 50.00 6.25 5.00 5.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00	144.00 16.00 32.00 160.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) Z ROAD WORK AHEAD DETOUR AHEAD ROAD CLOSED AHEAD 7 ONE LANE ROAD AHEAD 2 RIGHT/CENTER/LEFT LANE CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED 8 FLAGGER (SYMBOL) FRESH OIL 21 SHOULDER WORK / SHOULDER WORK AHEAD	R9-10 616-10 CONSTR 616-10	24X12 0.05 RUCT I OI	2.00 N SIGN	2	4.00 TOTAL	TOTAL 0 *SI VER **N CMS	DIRECT PAYMENT WILL BE MA /ICES TEMPORARY TRAFFIC CO IGN AND DEVICE LOCATION WI RIFIED AND APPROVED BY THE NOT INCLUDED IN TEMPORARY S LOCATION TO BE DETERMINE	UNDERS INTEND THE PR DE FOR NTROL = LL BE F ENGINE TRAFFIC D BY TH	IGNED TO OJECT RELOC: 1 LU IELD ER.: CONT	BE USED FOR ANY PART OR PARTS OF TO WHICH THIS PAGE REFERS. ATING SIGNS OR MP SUM ROL LUMP SUM BID.	BS QUANTITY SHE SHEET 5 OF 5
W012-5 1 W013-1 W016-2 W016-3 W020-1 W020-2 W020-3 W020-5 W020-5a W020-6a W020-7a W021-2 W021-5 W021-5	120X60 120X60 30X30 30X24 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48	50.00 50.00 6.25 5.00 5.00 16.00 16.00 16.00 16.00 16.00 2 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00	144.00 16.00 32.00 160.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE) 2 ROAD WORK AHEAD DETOUR AHEAD ROAD CLOSED AHEAD 7 ONE LANE ROAD AHEAD RIGHT/CENTER/LEFT LANE CLOSED AHEAD 2 RIGHT/CENTER/LEFT LANE CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED 8 FLAGGER (SYMBOL) FRESH OIL 21 SHOULDER WORK / SHOULDER WORK AHEAD BLASTING ZONE AHEAD	R9-10 616-10 CONSTR 616-10	24X12 0.05 RUCT I OI	2.00 N SIGN	2	4.00 TOTAL	TOTAL 0 *SI VER **N CMS	DIRECT PAYMENT WILL BE MA VICES TEMPORARY TRAFFIC CO IGN AND DEVICE LOCATION WI RIFIED AND APPROVED BY THE NOT INCLUDED IN TEMPORARY	UNDERS INTEND THE PR DE FOR NTROL = LL BE F ENGINE TRAFFIC D BY TH	IGNED TO OJECT RELOC: 1 LU IELD ER.: CONT	BE USED FOR ANY PART OR PARTS OF TO WHICH THIS PAGE REFERS. ATING SIGNS OR MP SUM ROL LUMP SUM BID.	QUANTITY SHE SHEET 5 OF 5
W012-5 1 W013-1 W016-2 W016-3 W020-1 W020-2 W020-3 W020-5 W020-5 W020-6a W020-7a W020-7a W020-5	120X60 120X60 30X30 30X24 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48	50.00 50.00 6.25 5.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00	144.00 16.00 32.00 160.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE) 2 ROAD WORK AHEAD DETOUR AHEAD ROAD CLOSED AHEAD 7 ONE LANE ROAD AHEAD RIGHT/CENTER/LEFT LANE CLOSED AHEAD 2 RIGHT/CENTER/LEFT LANE CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED 8 FLAGGER (SYMBOL) FRESH OIL 21 SHOULDER WORK / SHOULDER WORK AHEAD BLASTING ZONE AHEAD TURN OFF 2-WAY RADIO AND PHONE	R9-10 616-10 CONSTR 616-10	24X12 0.05 RUCT I OI	2.00 N SIGN	2	4.00 TOTAL	TOTAL 0 *SI VER **N CMS	DIRECT PAYMENT WILL BE MA /ICES TEMPORARY TRAFFIC CO IGN AND DEVICE LOCATION WI RIFIED AND APPROVED BY THE NOT INCLUDED IN TEMPORARY S LOCATION TO BE DETERMINE	UNDERS INTEND THE PR DE FOR NTROL = LL BE F ENGINE TRAFFIC D BY TH	IGNED TO OJECT RELOC: 1 LU IELD ER.: CONT	BE USED FOR ANY PART OR PARTS OF TO WHICH THIS PAGE REFERS. ATING SIGNS OR MP SUM ROL LUMP SUM BID.	BS QUANTITY SHE SHEET 5 OF 5
W012-5 1 W013-1 W016-2 W016-3 W020-1 W020-3 W020-4 W020-5 W020-5a W020-6a W020-7a W021-2 W021-5 W021-5 W021-5 W021-5	120X60 120X60 30X30 30X24 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48 48X48	50.00 50.00 6.25 5.00 5.00 16.00 16.00 16.00 16.00 16.00 2 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00 16.00	144.00 16.00 32.00 160.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE) X MILE (PLAQUE) 2 ROAD WORK AHEAD DETOUR AHEAD ROAD CLOSED AHEAD 7 ONE LANE ROAD AHEAD RIGHT/CENTER/LEFT LANE CLOSED AHEAD 2 RIGHT/CENTER/LEFT LANE CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED 8 FLAGGER (SYMBOL) FRESH OIL 21 SHOULDER WORK / SHOULDER WORK AHEAD BLASTING ZONE AHEAD	R9-10 616-10 CONSTR 616-10	24X12 0.05 0.10 0.10 0.TED S	2.00 N SIGN	S	4.00 TOTAL 1178	TOTAL 0 *SI VER **N CMS ***	DIRECT PAYMENT WILL BE MA /ICES TEMPORARY TRAFFIC CO IGN AND DEVICE LOCATION WI RIFIED AND APPROVED BY THE NOT INCLUDED IN TEMPORARY S LOCATION TO BE DETERMINE	UNDERS INTEND THE PR DE FOR NTROL = LL BE F ENGINE TRAFFIC D BY TH	RELOCE 1 LU IELD ER .: CONTE E ENG	BE USED FOR ANY PART OR PARTS OF TO WHICH THIS PAGE REFERS. ATING SIGNS OR MP SUM ROL LUMP SUM BID.	BS QUANTITY SHE SHEET 5 OF 5



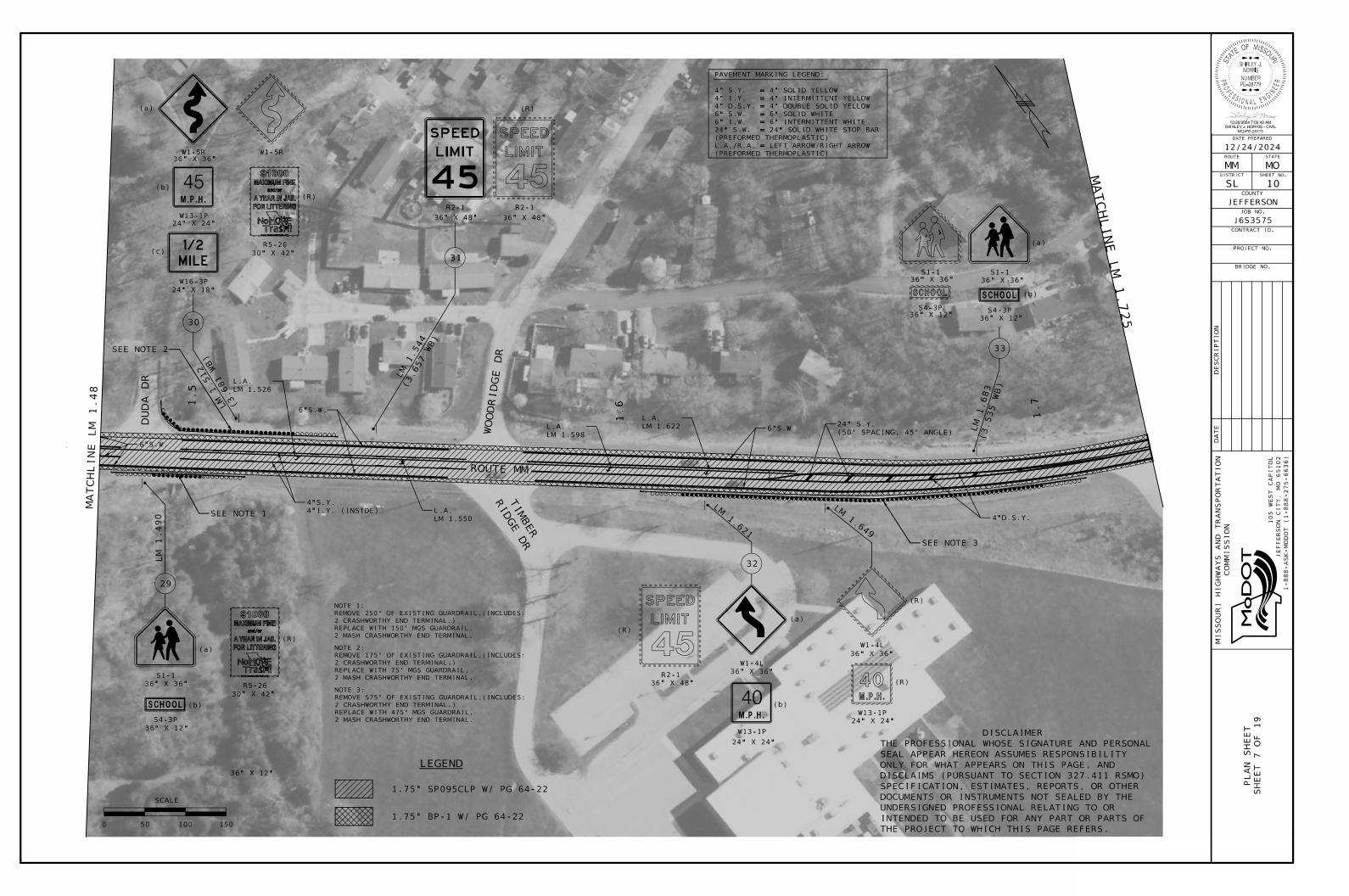




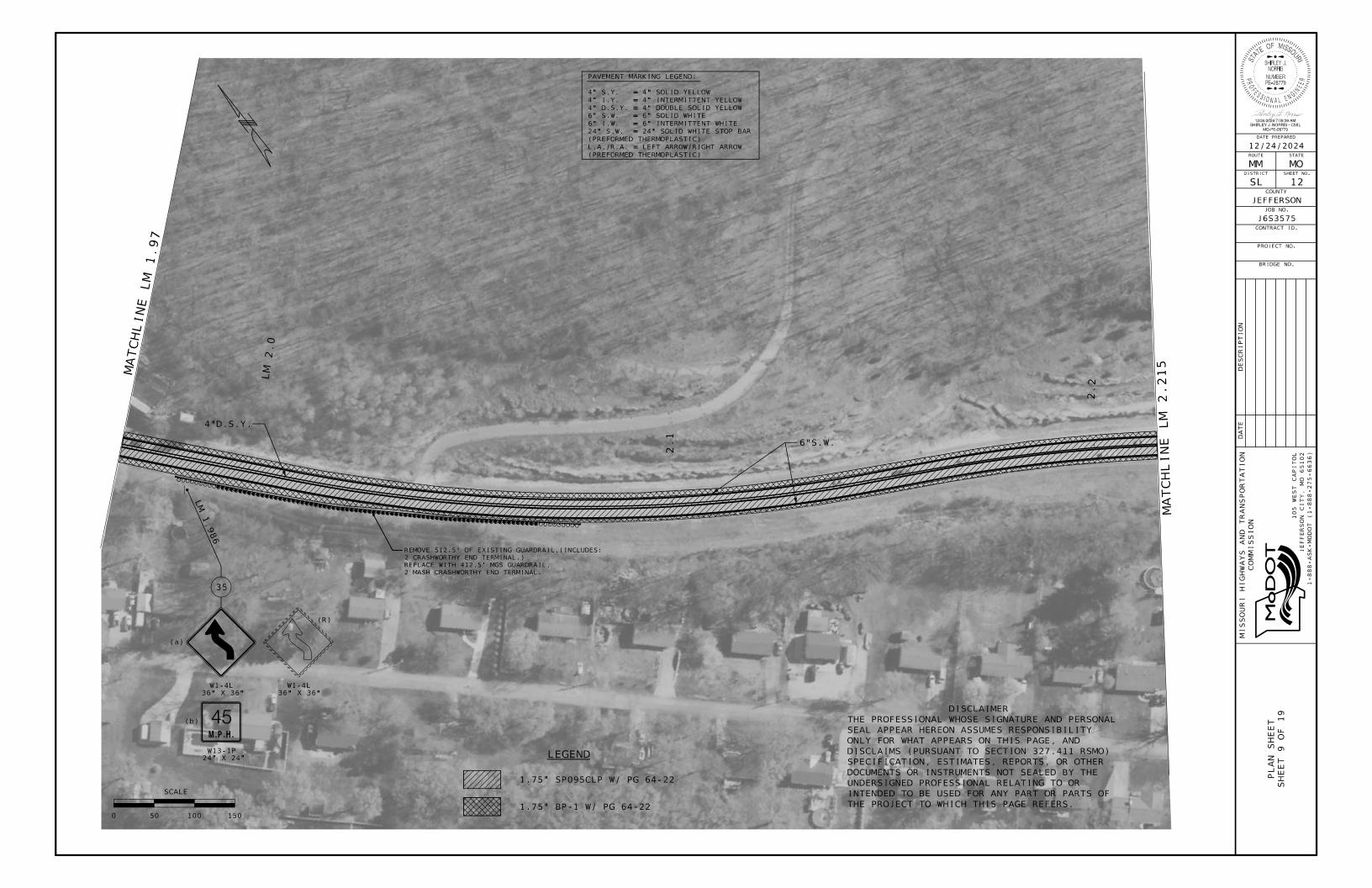




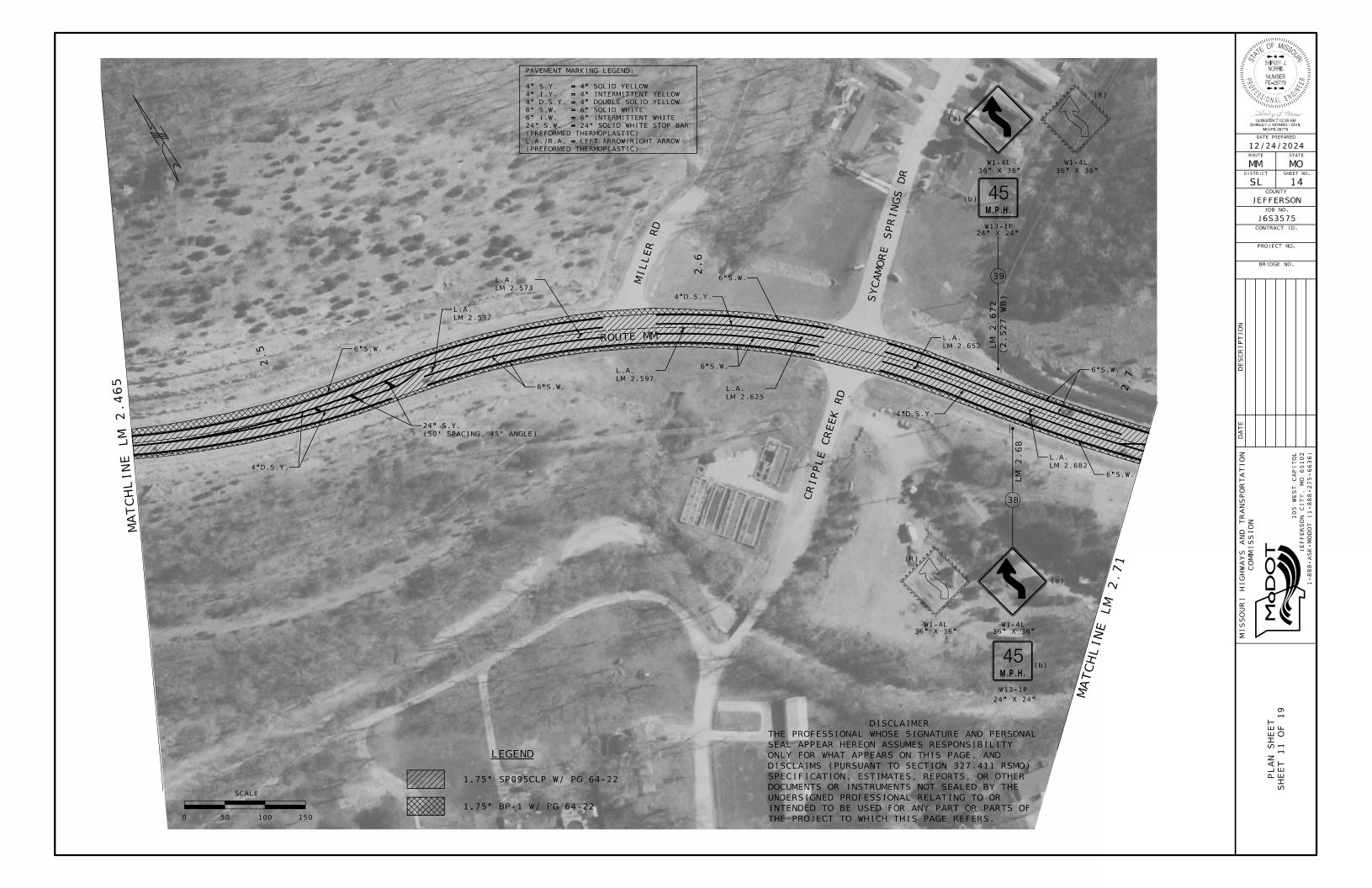


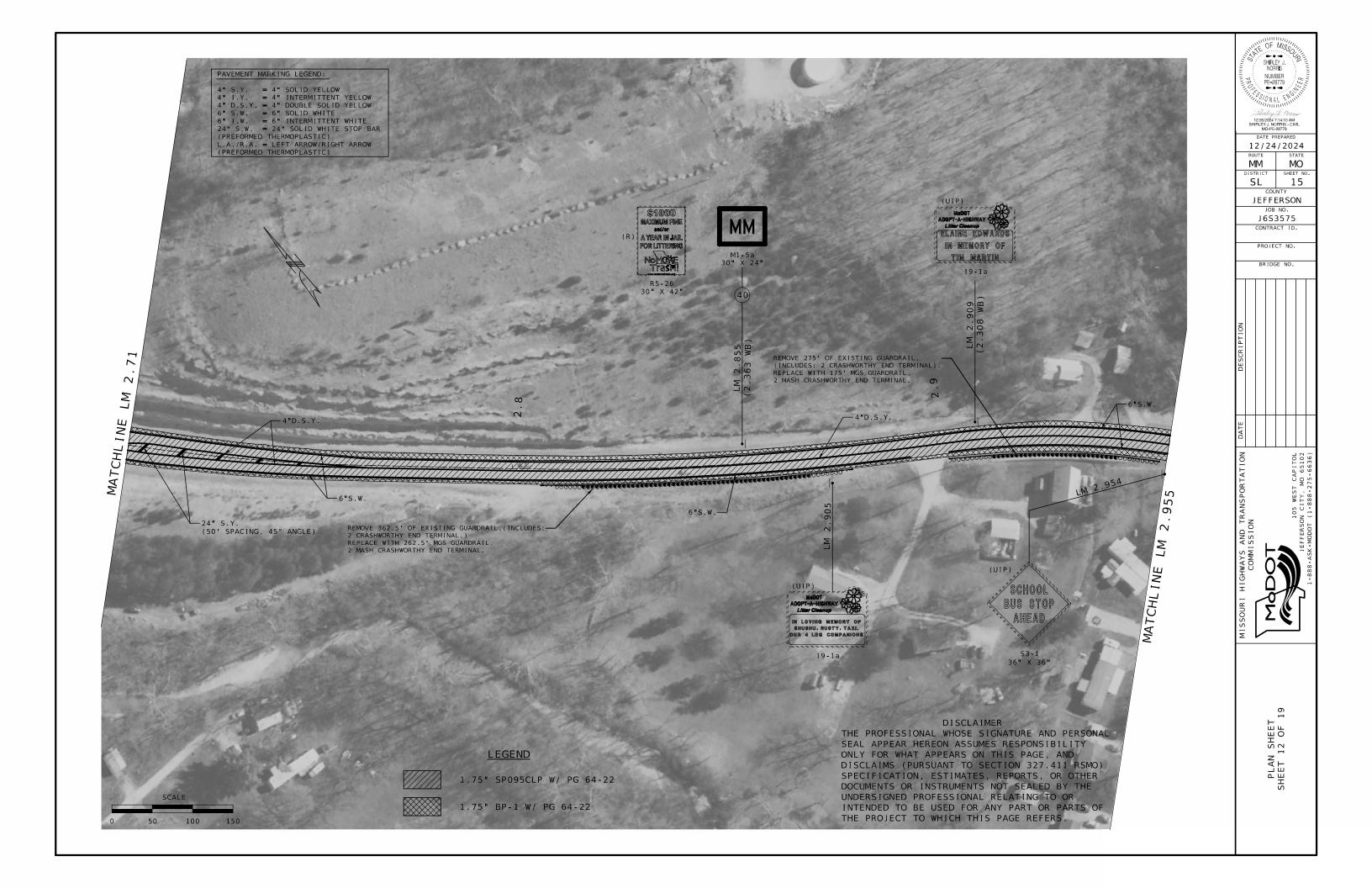






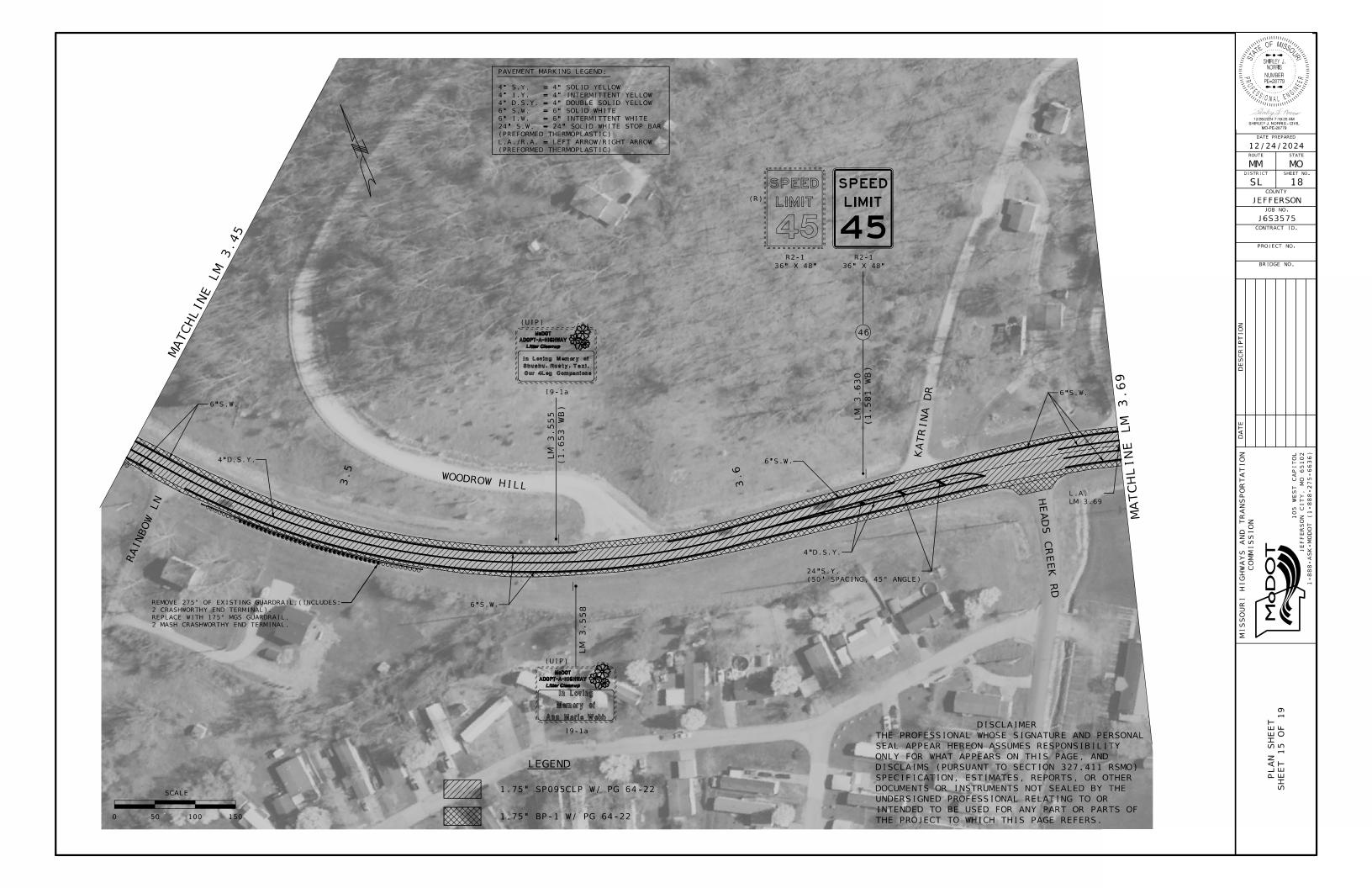






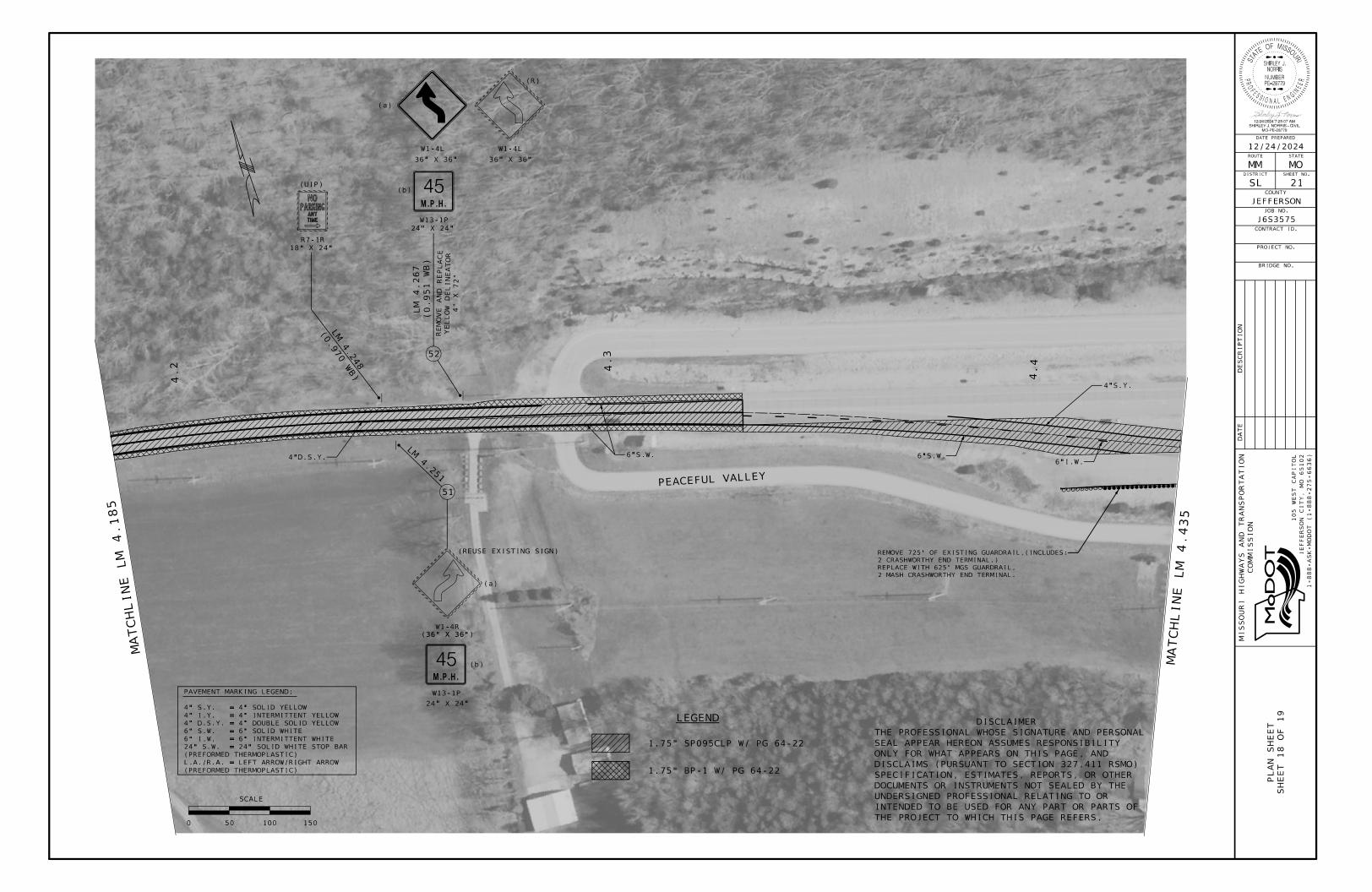




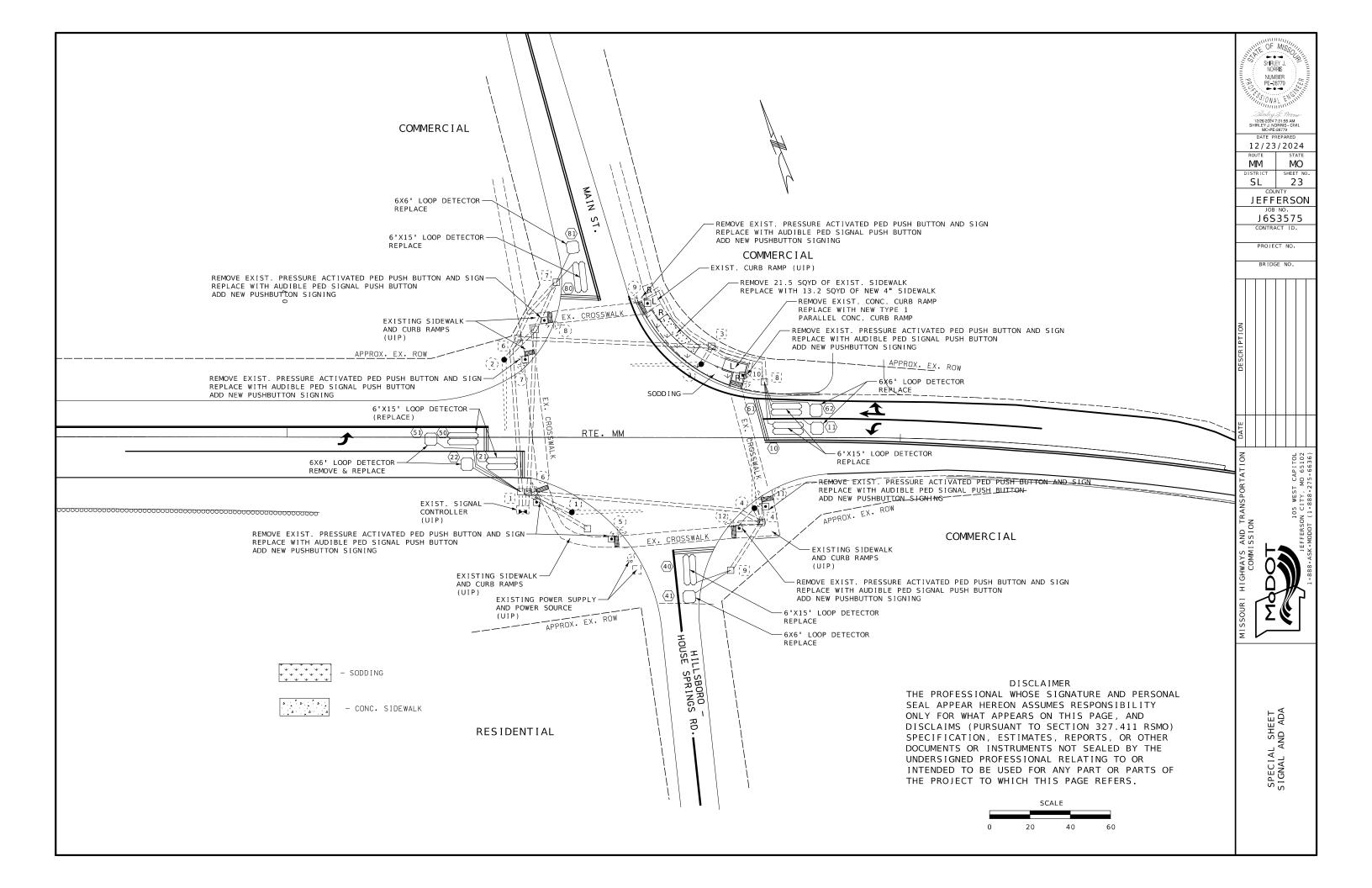
















SPEED	SIGN SPACI	NG (ft.)	TAPER LENGTH	H (ft.)	OPTIONAL	CHANNEL I ZER	SPACING (ft.)
PERM. POSTED (MPH)	UN -DIVIDED	DIVIDED (S)	SHOULDER (1)	LANE (2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	_	_	_	_	-
40-45	350	500	_	_	-	ı	_

WORK BEYOND THE SHOULDER (UNDIVIDED OR DIVIDED HIGHWAY)

<u>• (21)</u>-

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

WORK AREA

NOTES:

ONLY APPLICABLE WHEN WORK IS WITHIN THE CLEAR ZONE.

ON MULTI-LANE, DIVIDED HIGHWAYS, SIGNS ADVISING OF THE SHOULDER WORK OR THE CONDITION OF THE SHOULDER SHOULD BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

NO DIRECT PAY WILL BE MADE FOR THE RELOCATION OF CONSTRUCTION SIGNS OR DEVICES.

SIGN AND DEVICE LOCATION WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.

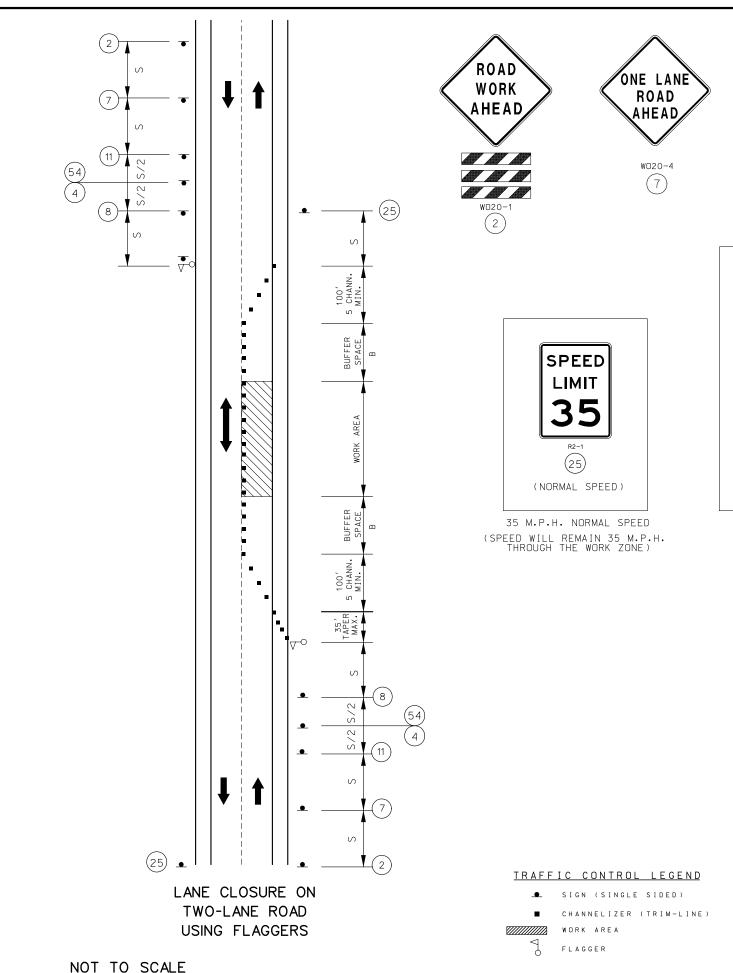
CMS LOCATIONS TO BE DETERMINED BY THE ENGINEER

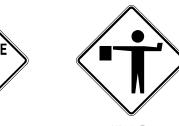
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SHIRLEY J NORRIS NUMBER PE-28779 12/26/2024 7:33:35 AM SHIRLEY J. NORRIS - CIVIL MO-PE-28779 12/23/2024 MM MO SL 24 **JEFFERSON** J6S3575 PROJECT NO.

TRAFFIC CONTROL SHEET WORK BEYOND THE SHOULDER



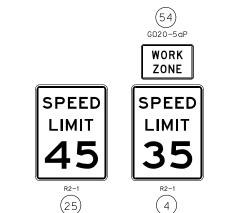




(8)



(11)



45 M.P.H. NORMAL SPEED

(NORMAL SPEED)

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NOTES:

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) AND PORTABLE SIGNAL FLAGGING DEVICES (PSFD) MAY BE USED AS AN ALTERNATIVE FLAGGING OPERATION.

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

				OPTIONAL	CHANNELIZER SPACING (ft.		
PERM. POSTED UN -DIVIDED (MPH) (S)	DIVIDED (S)	SHOULDER (1)	LANE (2)	BUFFER LENGTH (f+)	TAPERS	BUFFER/ WORK AREAS	
0-35 200	_	-	_	280	_	40	
40-45 350	_	_	_	400	-	80	

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.

SHIRLEY J NORRIS NUMBER PE-28779

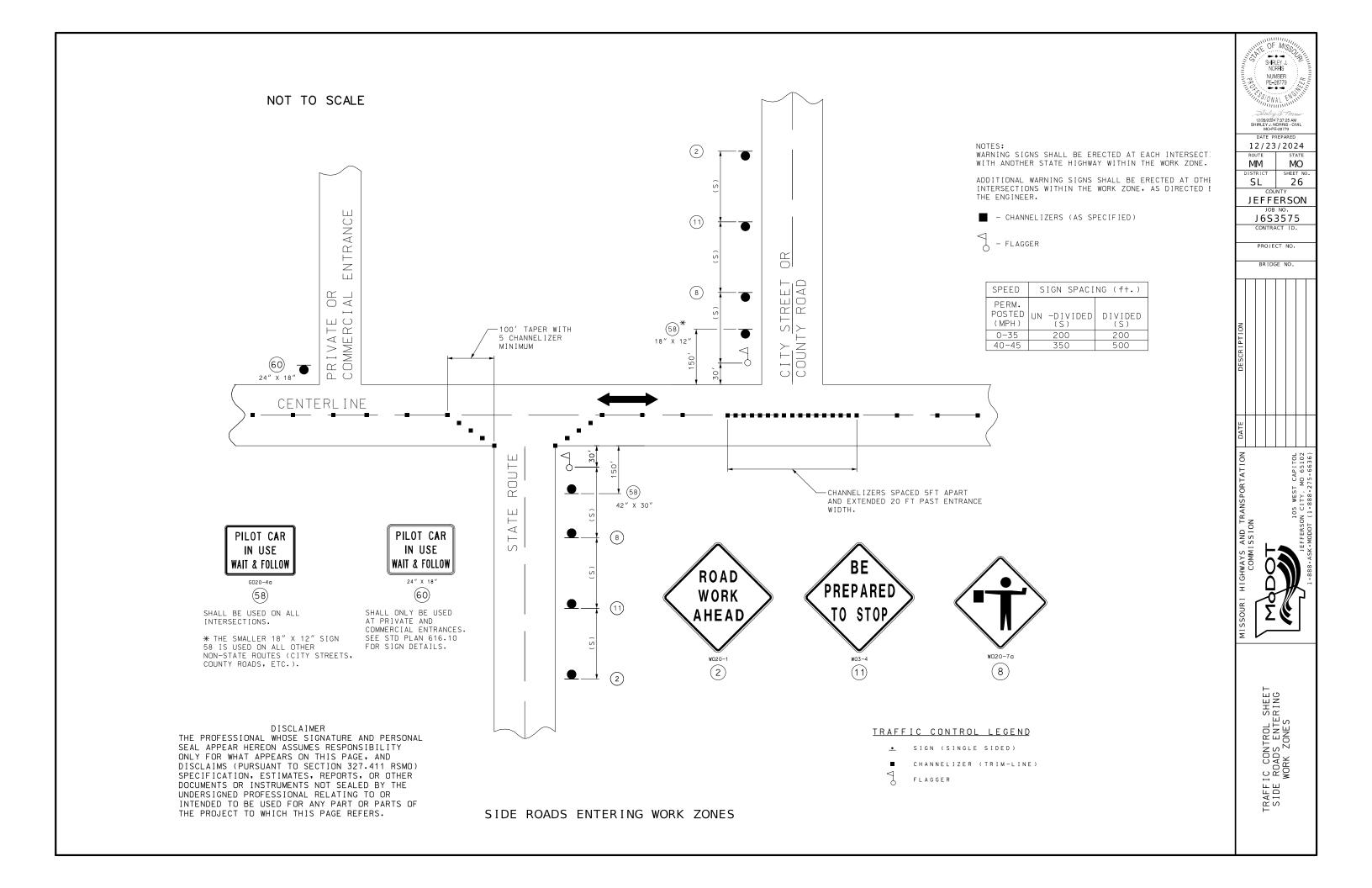
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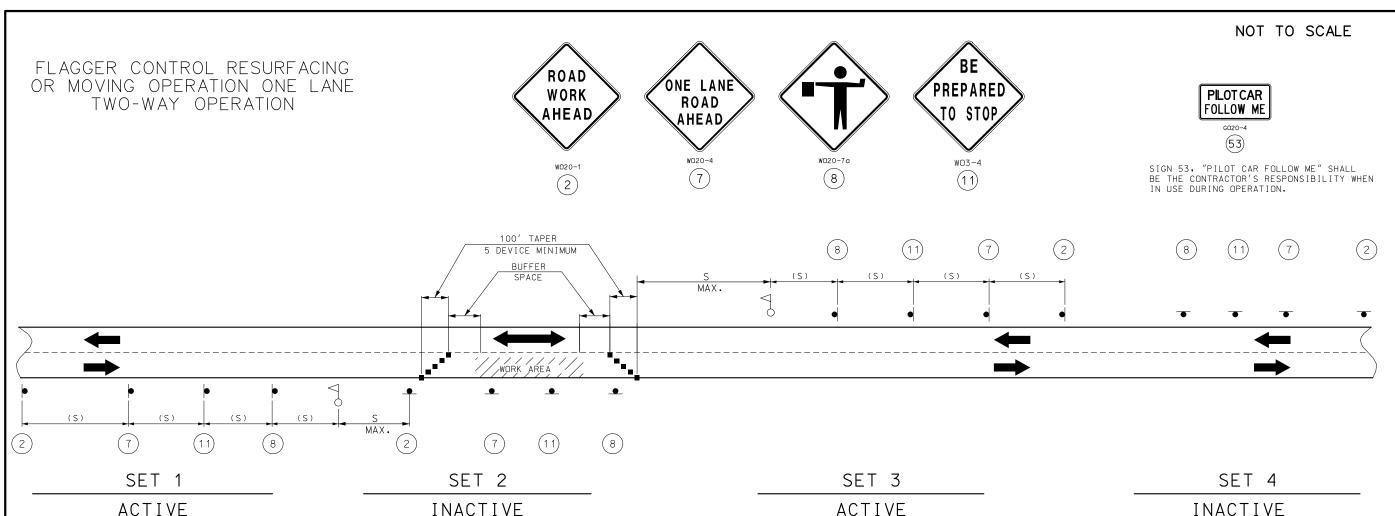
JEFFERSON

J6S3575

PROJECT NO.

TRAFFIC CONTROL SHEET
LANE CLOSURE ON
TWO-LANE ROAD USING FLAGGERS





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 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

NO DIRECT PAY WILL BE MADE FOR THE RELOCATION OF CONSTRUCTION

SIGN AND DEVICE LOCATIO WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.

CMS LOCATIONS TO BE DETERMINED BY THE ENGINEER.

TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)

CHANNELIZER (TRIM-LINE) WORK AREA

FLAGGER

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SPEED	SIGN SPACI	NG (ft.)	TAPER LENGTH	H (ft.)	OPTIONAL	CHANNEL I ZER	SPACING (ft.)
PERM. POSTED (MPH)	UN -DIVIDED	DIVIDED (S)	SHOULDER (1)	LANE (2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	_	-	_	280	_	40
40-45	350	_	ı	_	400	_	80
			ength based on 10 th based on 12 ft.				

SHIRLEY J. NORRIS NUMBER PE-28779 SONAL EN

12/23/2024 MM MO 27 SL

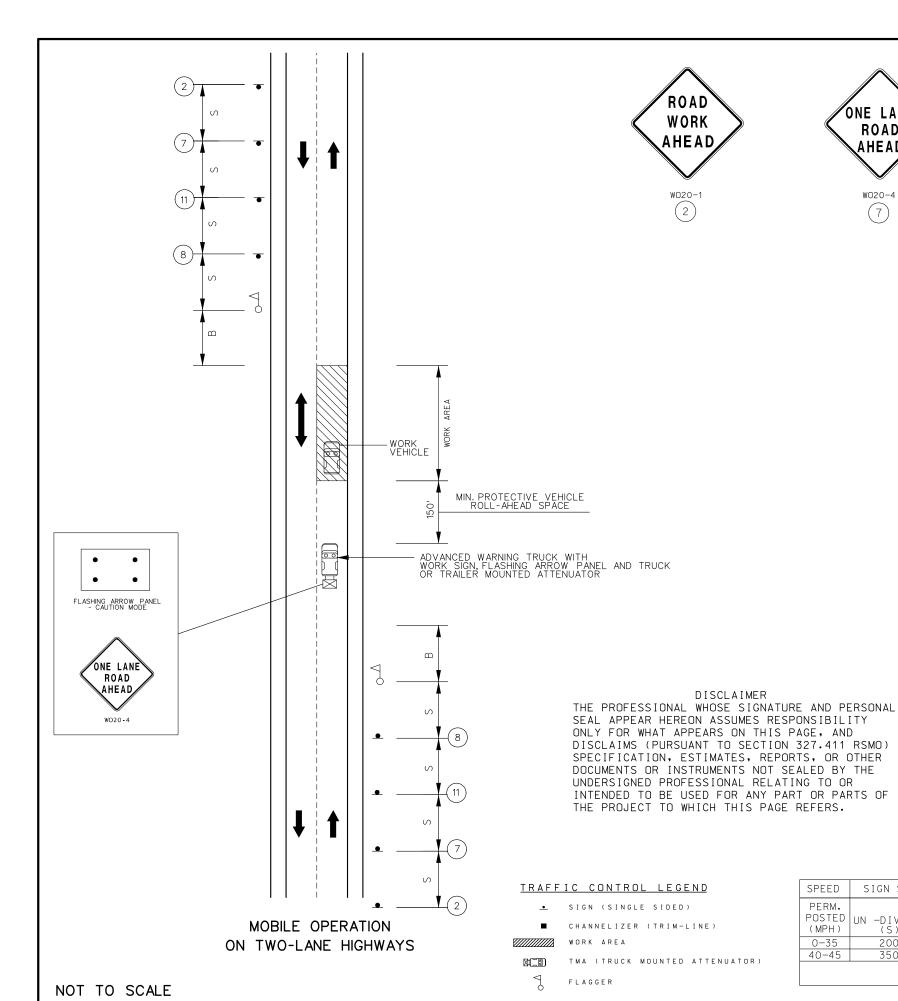
JEFFERSON

J6S3575 CONTRACT ID.

PROJECT NO

BRIDGE NO.

AFFIC CONTROL SHEET FLAGGER CONTROL MOVING OPERATION









NOTES:

FLASHING ARROW PANELS SHALL BE OPERATED IN CAUTION MODE.

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

THE FLAGGER POSITION SHOULD BE LOCATED WHERE THEY WILL PROVIDE THE MOST VALUE TO THE MOTORIST AND THE WORK CREW.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING LIGHTS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGEND ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

NO DIRECT PAY WILL BE MADE FOR THE RELOCATION OF CONSTRUCTION SIGNS OR DEVICES.

SIGN AND DEVICE LOCATION WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER. CMS LOCATIONS TO BE DETERMINED BY THE ENGINEER

SPEED	SIGN SPACI	NG (ft.)	TAPER LENGTH	H (ft.)	OPTIONAL	CHANNEL I ZER	NNELIZER SPACING (ft.)							
PERM. POSTED (MPH)	UN -DIVIDED	DIVIDED (S)	SHOULDER (1)	LANE (2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ Work Areas							
0-35	200	_	_	-	250	_	-							
40-45	350	_	_	_	360	_	_							
		1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.												

SHIRLEY J. NUMBER PE-28779 1,5,8,0 NAL 12/26/2024 7:39:45 AM SHIRLEY J. NORRIS - CIVI MO-PE-28779

12/23/2024 MM MO SHEET NO SL 28

JEFFERSON

J6S3575

PROJECT NO.

TRAFFIC CONTROL SHEET MOBILE OPERATION ON TWO-LANE HIGHWAYS USING FLAGGERS

BEGIN/END OF PROJECT SIGNING 5 CHAN. @ 20' SPACING ■ (26)500' (1) 1000' (1) 500' (1) END OF PROJECT LIMITS; END OF WORK ZONE TERMINATION AREA, IF LOCATED BEYOND END OF PROJECT; OR LAST WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS. BEGINNING OF PROJECT LIMITS; OR INITIAL WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS. 500' (1) (57)1000' (1) 500' (1) TRAFFIC CONTROL LEGEND SIGN (SINGLE SIDED) CHANNELIZER (TRIM-LINE) CMS (CHANGEABLE MESSAGE BOARD) 5 ÇHAN. SPACING

NOT TO SCALE

NOTES:

SIGN GO20-2 IS USED ON ALL PROJECTS WHERE SIGN GO20-1 IS USED.

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

SIGN CONST-7-72 OR CONST-7-48 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

THE "RATE OUR WORK ZONE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 24 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT LIGHTS OF WAY FOR A SIX FOOT WIDE SIGN. THE 72 IN. X 36 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS, BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. X 24 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

NO DIRECT PAY WILL BE MADE FOR THE RELOCATION OF CONSTRUCTION SIGNS OR DEVICES.

SIGN AND DEVICE LOCATION WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.

CMS LOCATIONS TO BE DETERMINED BY THE ENGINEER

ROAD WORK NEXT 4.4 MILES

G020-1

END ROAD WORK

26)

WORK ZONE NO PHONE ZONE

SPECIAL (6)

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Skirley S. No. 12/26/2024 7:40:59 A SHIRLEY J. NORRIS - C MO-PE-28779

12/23/2024
ROUTE STATE
MM MO
DISTRICT SHEET NO
SL 29

JEFFERSON

J6S3575 CONTRACT ID.

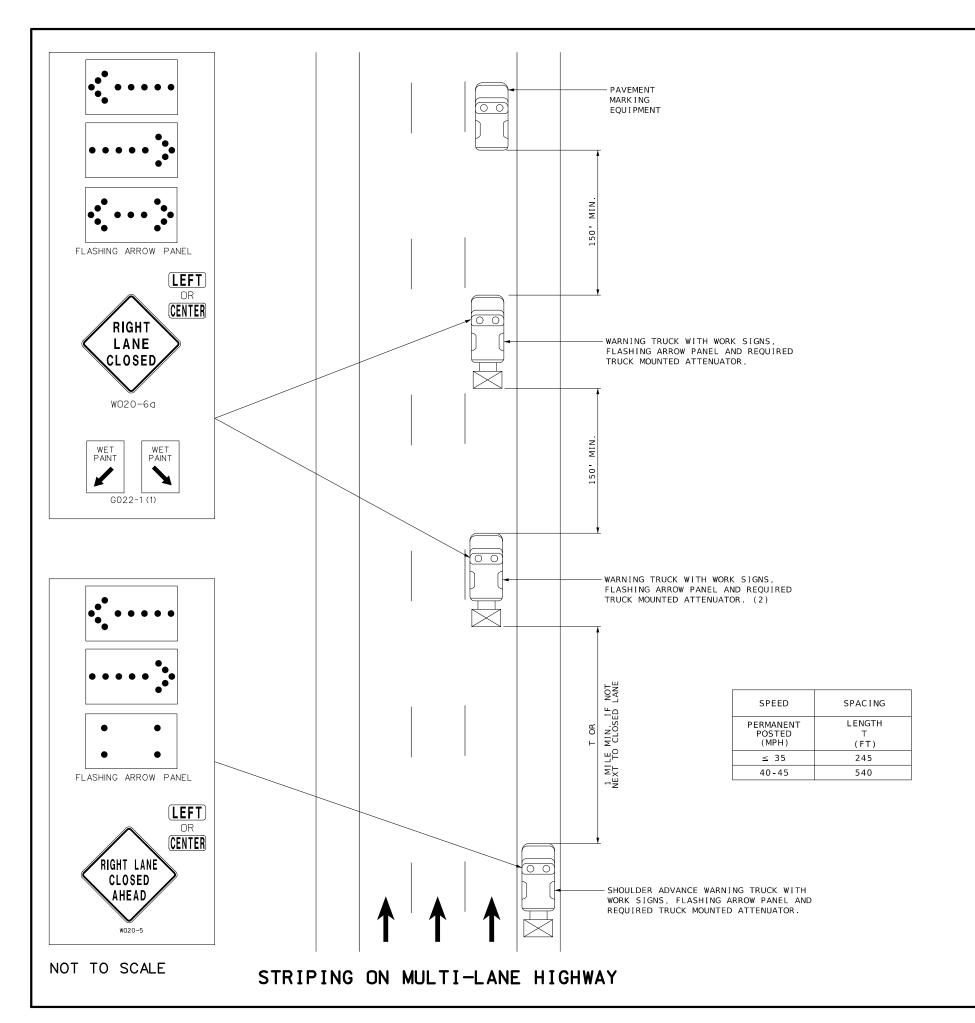
PROJECT NO.

DESCRIPTION

COMMISSION

Line terms of the complete that the

TRAFFIC CONTROL SHEET BEGIN/END OF PROJECT SIGNIN



NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCKS AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

- (1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.
- (2) WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR SPACING SHOWN, WHICH EVER IS GREATER.

SHRIEV J.

SHRIEV J.

NORIS

SHRIEV J.

NORIS

NUMBER

PE-28779

DATE PREPARED

12 / 23 / 20 24

ROUTE

MM

MO

DISTRICT

STATE

MM

JEFFERSON

JOB NO.

J 6 S 3 5 7 5

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

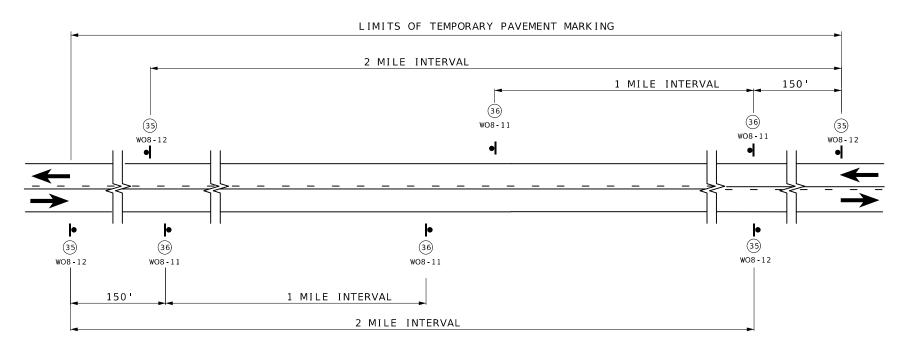
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MADOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

TRAFFIC CONTROL SHEET CENTER LINE / EDGE LINE STRIPING ON TWO-LANE HIGHWAYS

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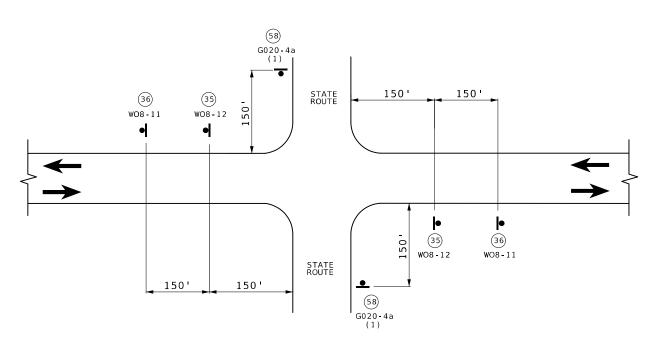
UNEVEN

LANES

WO8 - 11

36

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.



58

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.

WO8-12

(35)

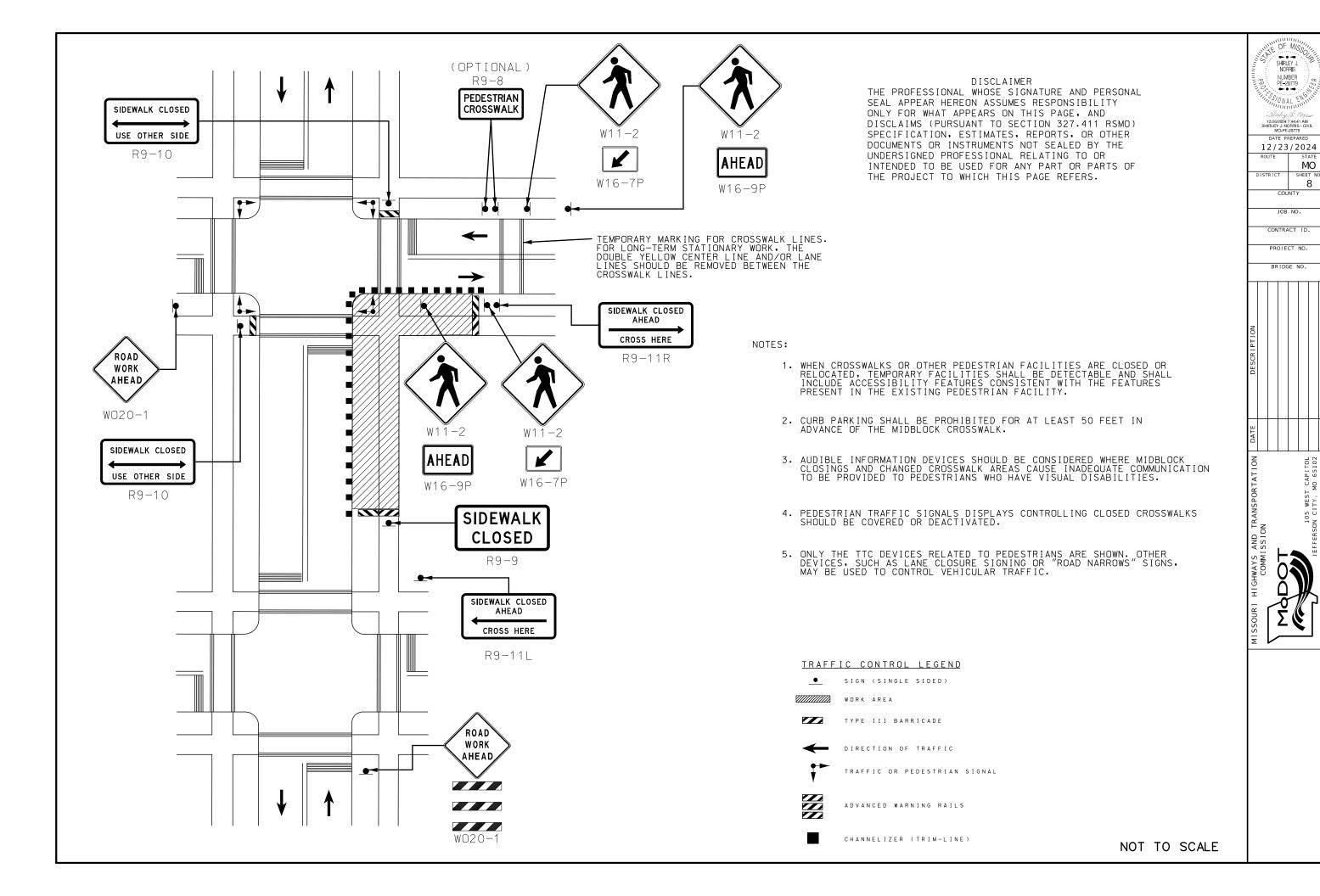
SIGN 35 IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND A STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35), THE LATTER MAY BE ELIMINATED.

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

NO DIRECT PAY WILL BE MADE FOR THE RELOCATION OF CONSTRUCTION SIGNS OR DEVICES.

SIGN AND DEVICE LOCATION WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.

CMS LOCATIONS TO BE DETERMINED BY THE ENGINEER.



		9	SIGN	S	l F	ONCRETE OOT I NGS	sl	STI STEE	RUCT	URAL OSTS	**	PIP	E PO	OSTS	**		BACK I N		U- CHANNEL	L				RFORATED SQUA	RE ST					1 -	EFFECTIVE: 07-01-2024	OF M SHRLEY NORRIS
						EMBEDED		J. L.L	- '	5515							BARS**	*	POST			2	IN. PC			2.!	5 IN PC			BREAK-	REMARKS	■ : NUMBE
902 510	SNAL S	IGNS	TABULA T	TED ON D-37A S	HEET		+-		_		_	 		_		2 "	' X 3/8" B	NDC		- POST	POST	TOTAL	DRIVEN	ANCHORS N DRIVEN CONCRETE POS	TIPOST	TOTAL		ANCHORS	CONCRETE	AWAY EASSEMBLY	AND OTHER REQUIRED ITEMS	PE-287
GN SI	GN	LOG	HORZ	LT	SIGN		POST	POSTP	OSTPO	ST LBS	тот	AL PIPE POS	T POST	T LBS	TOTAL	ÁT	7 2.55 LBS	S/FT		NO.1		TOTAL	12-GA	. 7-GA. 7-GA. NO.	1 NO. 2	TOTAL	(6 FT)	7-GA	7-GA.	LASSEMBLI	REQUIRED ITEMS	IIII SSIONAL
	ZE	MILE	CLEAR	LOCATION OR	DTL.	ITEM NO.	DES	NO . 1 N	10 . 2 NC	1. 3 PER	ITEM	NO SIZE NO.	1 NO. 2	2 PER	ITEM NO				ITEM NO.				ITEM NO	ITEM NO. ITEM NO.	1	TEM NO.	ITEM NO	ITEM NO.	ITEM NO.	ITEM NO.		Thomas Thirtig 3
			IF NOT		SHT _	9031010 CY	NO.	 	LF L		90312 LBS		LF		9031220 LBS	JEACH	LGTH TOTA		9031250A LF	LF	LF	9031270 <i>A</i> LF	9031271 <i>i</i> EA	A9031273A 9031274 EA EA LF		9031280 LF	9031272A EA	9031281A EA	9031285 EA	9031241 EA	4	12/26/2024 7:44 SHIRLEY J. NORI MO-PE-28
1 ASSE	MBLY	5.185*	310.	ROUTE MM LT	INO.	0.13	1	 '' 	'' '	' 	LD.	2.5 14.0		5.79			IIV. LI	1 103	LI	+			LA	LA LA LI	+ " +			LA	LA	LA	INSTALL BACK TO BACK	
ASSE		0.032		ROUTE MM RT								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																			NO NEW POST	DATE PREF
30"		0.058		ROUTE MM RT																											NO NEW POST	12/26/ ROUTE
ASSE		5.135*		ROUTE MM LT		0.36						4 16.7	7 5	10.79	181	4	50 4.1	7 11														MM
36"	x36"	0.085		ROUTE MM RT		0.13						2.5 15.0	0	5.79	87																	DISTRICT
ASSE	MBLY	5.113*		ROUTE MM LT		0.13						2.5 16.2	25	5.79	94	2	50 4.1	7 11														SL
30"	×30"	0.123		ROUTE MM RT		0.13						2.5 15.0		5.79	87																	COUNT
24"		0.123		ROUTE MM RT		0.13						2.5 13.5		5.79	78																FACING DULIN CREEK ROAD	JEFFEF JOB N
54"		5.081*		ROUTE MM LT		0.13						2.5 14.7		5.79	85	2	50 4.1	7 11													FACING DULIN CREEK ROAD ENTRANCE	J6S35
ASSE		0.133		ROUTE MM RT		0.36						4 17.7		10.79	192																INSTALL BACK TO BACK	CONTRACT
ASSE		5.078*		ROUTE MM LT		0.13					-	2.5 16.5		5.79	96																	4
2 24"		0.143		ROUTE MM RT	\vdash	0.13	+	\vdash	-	-	1	2.5 15.0	0	5.79	87	-		-					-	111	, ,	11 75		1				PROJECT
3 ASSE		5.064* 0.197		ROUTE MM LT ROUTE MM RT	\vdash	0.13	1	+	_	+	+	2.5 15.5	:0	5.79	90	-		-					-	11.7	' ɔ	11.75		1				
ASSE		4.967*		ROUTE MM RT	\vdash	0.13	+	+	+	+	+	2.3 13.5	, 0	3.79	90	<u> </u>		+	1	+			1	12.7	, 5	12.75		1		+		BR I DGE
5 24"		4.861*		ROUTE MM LT	 			+		+	+					1				11.50		11.50	1		1	14.13		1		<u> </u>		
7 24"		0.372		ROUTE MM RT		0.13		+ +			1	2.5 14.5	50	5.79	84					111.50		11.50	+ -		+ +					1		1
3 36"		0.412		ROUTE MM RT		0.13			-		1	2.5 15.5		5.79	90								<u> </u>	1 1								1
9 24"		4.655*		ROUTE MM LT																11.50		11.50	1									1
36"	×48"	4.507*		ROUTE MM LT																				12.5	50	12.50		1				1 ₂
1 30"	×24"	4.489*		ROUTE MM LT																10.50		10.50	1									181
30"	x24"	0.768		ROUTE MM RT																11.25		11.25	1] <u>-</u>
12"		0.870		ROUTE MM RT																9.00		9.00	1									1 %
ASSE		0.878		ROUTE MM RT																				14.7		14.75	1	1				
5 36"		4.300*		ROUTE MM LT							-													14.0		14.00		1				4
36"		0.908		ROUTE MM RT	\vdash			\vdash	_	_								+		0.75	11 00	20.75	-	13.2	25	13.25		1				4
7 V: 3 36"		4.238* 1.442		ROUTE MM RT			-													9.75	11.00	20.75	2	13.2) 5	13.25		1				
9 ASSE		1.490		ROUTE MM RT																				13.2		13.25		1				
0 ASSE		3 681*		ROUTE MM LT			1																	17.0		17.00	1	1				 ш
1 36"		3.657*		ROUTE MM LT																				14.0		14.00	-	1				1 <u>4</u>
2 ASSE		1.621		ROUTE MM RT																				14.7		14.75		1				
3 ASSE	MBLY :	3.535*		ROUTE MM LT																				14.0	0	14.00		1				N N
4 ASSE	MBLY :	3.287*		ROUTE MM LT																				15.5	50	15.50		1] [
5 ASSE		1.986		ROUTE MM RT																				14.7		14.75		1				Ā⊢
6 ASSE		2.833*		ROUTE MM LT																				14.7		14.75		1				- 6
7 ASSE		2.377		ROUTE MM RT								\perp	-											14.7		14.75		1				- S
B ASSE 9 ASSE		2.680		ROUTE MM RT	\vdash		1	+-+	-	_	1			+		-				+			-	14.7		14.75		1				ANS
9 ASSE 0 30"		2.527* 2.363*		ROUTE MM LT	\vdash		+	+	+	+	+	+	-	+		 		+		11.75		11.75	1		1	14./5		1		 		N T
		3.072		ROUTE MM RT	 		+-	+ +	+		+					1		+		10.75		10.75	1		+		 					SIC
2 ASSE				ROUTE MM LT																1 3		10.75	 	15.5	50	15.50		1				AN I SS
3 ASSE		3.134		ROUTE MM RT																			1	15.5		15.50	1	1				15₽ \ 2
4 36"		3.267		ROUTE MM RT																13.00		13.00	1									1≸5 ∩∢
5 36"	x36"	1.859*		ROUTE MM LT																14.25		14.25	1									
6 36"		3.637		ROUTE MM LT																				13.2	25	13.25		1] <u> </u>
7 36"		1.360		ROUTE MM LT	$oxedsymbol{oxedsymbol{oxed}}$	0.13		\Box				2.5 17.7	75	5.79	103										\bot		$oxed{\Box}$					1- /
36"		3.947		ROUTE MM RT	\vdash			\vdash			1	\bot		\perp		<u> </u>				1				13.2		13.25		1				12 💆 (
ASSE		1.237*		ROUTE MM LT	\vdash		1	\vdash	-	_	1	++-	-			-		-		-			-	14.7	75	14.75	1	1			NO NEW COST	1 2 \
ASSE		4.021		ROUTE MM RT	\vdash		+	+	-	+	+			+		1				+			-		+					-	NO NEW POST	
ASSE		4.267	-	ROUTE MM LT ROUTE MM RT	\vdash	0.36	-	++	-	-	+	4 19.7	7.5	10.79	213	-		-					+		+						NO NEW POST	
			ND L		 		 	****		~	+-	- 	'기 >>>>>	110.79				 	+ • •		L XXXXX		+			227	 			1		1
.öĞ'Mî	ĔďďĔ	ESTBOUI RECTIO	Ν̈́	SUBTOTAL	1	2.64		>>>>	<u> </u>	$\times \times \times \times \times$	9 0	$ \times$ \times \times	\ggg	$\times\!\!\times\!\!\times\!\!\times$	1681	\bowtie	$\times\!\!\times\!\!\times\!\!\times\!\!\times$	33	0.0	\bowtie	$\times\!\!\times\!\!\times$	124	11	 	$\sim\sim\sim$	327	4	23	0	-]	
				TOTAL		2.60		****	~~~~~	VVVVV	0		~~~~	///////// /		$\sim\sim\sim$	******	<u> </u>	0.0		$\times\!\!\times\!\!\times\!\!\times$	124	11		*****	327	4	23	0	-	J	
							**	BREAK A BACK I	AWAY A NG BAR	SSEMBL S ARE	Y IS I	NCIDENTAL F D WITH STRU	OR STE	RUCTURA L STEEL	L STEE OR PI	L AND PE PC	PIPE POST OSTS.	TS.														7 7 1 1
E PR	OFES:	SIONA		CLAIMER SE SIGNATUR	E AND	PERSONA	L																									SHEET
				SSUMES RESP			-																									Lat
				S ON THIS P																												^{中 5}
				TO SECTION																												N 5

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ROUN	ID PIP	E POST	AND FOO	TING	DATA T	ABLE
NOM.SIZE	WEI	GHT	STUB	FO	OT I NG	CONCRETE
(IN.)	LBS/FT	LBS/IN	LENGTH	DIA.	DEPTH	C.Y.
21/2	5.79	0.48	4'- 3½"	12	4~6"	0.13
4	10.79	0.90	5 31/2"	18"	5~6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE																
		POST				FOOTING										
POST DES. NOM. WEIGHT S					DIA.	LEVEL GROUND		6:1 GRADE		4:1 GR	ADE	3:1 OR 2:1 GRAD				
NO.	SIZE	LBS/FT	LBS/IN	LENGTH		DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.			
1	W6	9.0	0.75	3 -0	15	3'-0"	0.14	3'-2"	0.15	3 - 3 "	0.16	3'-6"	0.17			
2	W6	15.0	1.25	4 - 0	24	4'-0"	0.47	4'-2"	0.50	4 - 3	0.51	4 - 6"	0.54			
3	W8	18.0	1.50	4 6	28■	4 6	0.71	4 8"	0.73	4 9	0.74	5 - 0"	0.78			
4	W10	22.0	1.83	5 -0	36	5'-0"	1.31	5'-2"	1.36	5 - 3	1.39	5 - 6"	1.45			
5	W10	26.0	2.17	5 0	36"	5'-0"	1.31	5'-3"	1.37	5 - 5	1.43	5 - 9"	1.52			
6	W12	35.0	2.92	5 6	36"	5 6	1.44	5 9"	1.52	5 11	1.56	6'-3"	1.65			

D-29 SHEET SIGN POST CALCULATION

D-29

			STANDARD SIGN ASSEMBLIES (TOTAL)																																
					ı				1	1	ı					TY								1			ı			I					
NUMBER			SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SHF	SHF	SHF	SHF	SHF	SHF	SHF	SHF	SHF	SHF	SHF	SH	SH	SH	SH	SFH	SH
≝			M1 - 5	M1-5A	M1-5A	M2 - 1	M6-3	M6 - 4	R1-2	R2-1	R2-1	R3-2	R3-4	R3-7R	R3-9B	R4-7	R5-1	R6-1R	W1-4L	W1-5L	W1-5R	W2-2	W6-3	W7-3aP	W12-1	W13-1P	W13-1P	W13-1P	W16-3P	OM3 - R	I 5 - 1	S1-1	S4-3P	DL-3_Y	DL - 3_W
≥	LOG	LOCATION											SIGN	DESC	RIPTIO	ON, SI	ZES 8	x NUME	BER OF	EACH															
z	MILE									SPEED	SPEED		<u>a</u>	RIGHT LANE	CENTER		DO NOT				A		<u> </u>							7		\sim			\neg
SIGN			30	MiM	W	JCT	[↑]	↔		35	45		R3-4	MUST TURN RIGHT	1	77	DO NOT ENTER	ONE WAY		 < \$ >	(5)		〈\\\	1 NAXILE	(KA)	35	40	45 1		E	House Springs		SCHOOL		
S			M1 - 5	M1 5a	M1 5a	M2 - 1	M6-3	M6 - 4	81-2	N2.1		R3 - 2	R3-4	R3-7R	R3-9b	R4 - 7	R5-1	R6-1R	V1 -4L	36"x36"	X1-58	N2 - 2	W	V7-3aP	112.1	W13-1P	W13-1P	W13 - 1P	W16-3P	(N) - R		51-1	S4 - 3P		!
1	5.185*	ROUTE MM - LT	24 × 24 -	30 - x 24 -	24 - x 24 -	21 X15	21"X15	21 x15	60 × 60	36"x48"	36"X48"	24"x24"	1 1	36"X36	24"x36	1	30"×30"	54"x18"	36"X36"	36"x36"	36"X36"	36"X36".	36"X36"	24"x18"	30"x30"	24"×24"	24"×24"	24"x24"	24"X18"	12"x36"	66"X12"	36"X36"	36"X12"	4 - x / 2 "	4 x72 1
2	0.032	ROUTE MM - RT														_			1							1									
3	0.058	ROUTE MM - RT		1																															
4	5.135*	ROUTE MM - LT	1		1		1	1																											
5	0.085	ROUTE MM - RT												1																					
6	5.113*	ROUTE MM - LT										1						1																	
7	0.123	ROUTE MM - RT																							1										
8	0.123 5.081*	ROUTE MM - RT										1						1																	
10	0.133	ROUTE MM - LT ROUTE MM - RT							1								1	1																$\overline{}$	
11	5.078*	ROUTE MM - LT							-			1				1	1																		$\overline{}$
12	0.143	ROUTE MM - RT													1																				
13	5.064*	ROUTE MM - LT	1		1	1																													
14	0.197	ROUTE MM - RT								1																									
15	4.967*	ROUTE MM - RT																	1							1									
16	4.861*	ROUTE MM - LT													1																				
17	0.372	ROUTE MM - RT						-							1																				
18	0.412 4.655*	ROUTE MM - RT ROUTE MM - LT						-		1					1																				
19	4.507*	ROUTE MM - LT								1					1																				
21	4.489*	ROUTE MM - LT		1						1																									
22	0.768	ROUTE MM - RT		1																															
23	0.870	ROUTE MM - RT																												1					
24	0.878	ROUTE MM - RT																		1								1	1						
25	4.300*	ROUTE MM - LT								1																									
26	0.908	ROUTE MM - RT									1																								
27	4.238*	ROUTE MM - LT						-																							1				
28	1.442	ROUTE MM - RT									1																					1	1		
30	1.490 3.681*	ROUTE MM - RT ROUTE MM - LT						-													1							1	1			1	1		
31	3.657*	ROUTE MM - LT									1										1							1	-						$\overline{}$
32	1.621	ROUTE MM - RT									-								1								1								
33	3.535*	ROUTE MM - LT																														1	1		
34	3.287*	ROUTE MM - LT																	1								1								
35	1.986	ROUTE MM - RT																	1									1						\Box	
36	2.833*	ROUTE MM - LT																	1									1							
37	2.377	ROUTE MM - RT													1				1							-		1							
38	2.680	ROUTE MM - RT	-												+	-		-	1						-	-		1			-			$\overline{}$	
40	2.527*	ROUTE MM - LT ROUTE MM - LT		1											+				1							+		1						$\overline{}$	
41	3.072	ROUTE MM - RT		1																															
42	2.136*	ROUTE MM - LT																	1									1						$\overline{}$	$\overline{}$
43	3.134	ROUTE MM - RT																		1				1				1							
44	3.267	ROUTE MM -RT																				1													
45	1.859*	ROUTE MM - LT																					1												
46	3.637	ROUTE MM - LT	-								1				1				-						-	-									
47	1.360	ROUTE MM - LT	-								1				-	-		-	-				1		-	-					-			1	\longrightarrow
48	3.947	ROUTE MM - RT ROUTE MM - LT	-								1				+			-	-	+	1	+		1	-	-		1							
50	1 237* 4 021	ROUTE MM - LT													+				 		1	+		1	 	+		1						1	
51	4.267	ROUTE MM - LT													+											+		1					$\overline{}$		
52	4.251	ROUTE MM - RT																	1									1						1	$\neg \neg$
		TOTAL	2	5	2	1	1	1	1	4	5	3	1	1	4	2	1	2	11	2	2	1	2	2	1	2	2	13	2	1	1	2	2	3	1
							_		_	1 '		_	1 -	1 -	1 '		_	_	1	1	-			_		_			_		1 -		1	, -	-

^{*} INDICATES WESTBOUND LOG MILE DIRECTION

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DATE PREPARED

12/23/2024

ROUTE STATE

MM MO

DISTRICT SHEET NO.

SL 34

COUNTY

JEFFERSON

JOB NO.

J6S3575

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

SOURI HIGHWAYS AND TRANSPORTATION DA
COMMISSION

MODOT

105 WEST CAPITOL
HEREEBCON CITY MO 65102

D-30 STANDARD SIGN ASSEMBLIES SHEET 1 OF 2

			SIG	N SUMMARY			
					SIZE, TYPE & SQ	UARE FEET	
STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE	FLAT SHEET SH ITEM NO. 90350044	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * 11EM NO. 9035071A
M1-5 (30)	STANDARD	2	24"x24"	8 8	9033009A	9033011A	9033071A
M1-5A (MM)	STANDARD	5	30"x24"	25			
M1-5A (W)	STANDARD	2	24"x24"	8			
M2 - 1 JCT	STANDARD	1	21"×15"	2.1875			
M6 - 3	STANDARD	1	21"×15"	2.1875			
M6 - 4	STANDARD	1	21"×15"	2.1875			
R1-2	STANDARD	1	60"x60"	25			
R2 - 1 (35)	STANDARD	4	36"x48"	48			
R2-1 (45)	STANDARD	5	36"x48"	60			
R3-2	STANDARD	3	24"x24"	12			
R3-4	STANDARD	1	24"x24"	4			
R3-7R	STANDARD	1	36"x36"	9			
R3-9B	STANDARD	4	24"x36"	24			
R4-7	STANDARD	2	24"x30"	10			
R5-1	STANDARD	1	30"x30"	6.25			
R6-1R	STANDARD	2	12"x36"	13.5			
W1 - 4L	STANDARD	11	36"x36"		99		
W1-5L	STANDARD	2	36"x36"		18		
W1-5R	STANDARD	2	36"x36"		18		
W2 - 2	STANDARD	1	36"x36"		9		
W6-3	STANDARD	2	36"x36"		18		
W7-3aP (1 MILE)	STANDARD	2	24"×18"		6		
W12-1	STANDARD	1	30"x30"		6.25		
W13-1P (35) 35	STANDARD	2	24"x24"		8		
W13-1P (40)	STANDARD	2	24"x24"		8		
W13-1P (45) 45	STANDARD	13	24"x24"		52		
W16-3P (1/2 MILE) (1/2 MILE)	STANDARD	2	24"x18"		6		
OM3 - R	STANDARD	1	12"x36"	3			
I 5 - 1	36	1	66" x 12"	5.5			
S1-1_FYG	STANDARD	2	36"x36"		18		
S4-3P_FYG	STANDARD	2	36"x12"		6		
DL-3_Y	STANDARD	3	4"x72"		6		
DL-3_W	STANDARD	1	4"x72"	2			
	SUE	тот	ALS	267.8	272.3	0.0	-
	PAY	TOT	ΓALS	268	272	0	-

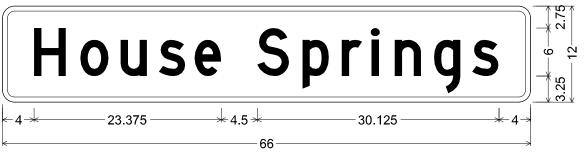
*	ORANGE,	YELLOW	&	YELLOW	/GREEN

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SHIRLEY J NORRIS NUMBER PE-28779 12/23/2024 ROUTE **MM** MO SHEET NO. SL 35 JEFFERSON JOB NO.
J6S3575
CONTRACT ID. PROJECT NO.

> D-30 SIGN SUMMARY

SIGN NO.	27
STATION	4.238*
ROADWAY	ROUTE MM



I5-1 SH-FLAT SHEET;

1.500" Radius, 0.625" Border, White on, Green;

"House Springs", D;

Table of letter and object lefts

H 4.000	o 9.750	u 14.750	s 19.500	e 24.000			
	S 31.875	p 37.500	r 42.375	i 46.125	n 49.000	g 54.000	s 58.750

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D-31