

A2 SHOULDER					
LOG MI	LENGTH	LOC	A2 SHOULDER SY	TYPE 5 AGGR BASE 6" THICK SY	REMARKS
67.079	20	LT	6.67		SHOULDER REPAIR
69.118	180	LT	60.00		SHOULDER REPAIR
75.078	15	LT	5.00		SHOULDER REPAIR
86.043	15	RT	5.00		SHOULDER REPAIR
86.051	20	RT	6.67		SHOULDER REPAIR
90.461	20	RT	6.67		SHOULDER REPAIR
93.209	80	RT	26.67		SHOULDER REPAIR
93.272	60	RT	20.00		SHOULDER REPAIR
94.473	20	RT	6.67		SHOULDER REPAIR
94.501	70	LT	23.33		SHOULDER REPAIR
94.511	15	LT	5.00		SHOULDER REPAIR
94.511	25	RT	8.33		SHOULDER REPAIR
94.567	10	LT	3.33		SHOULDER REPAIR
94.575	25	LT	8.33		SHOULDER REPAIR
94.584	15	RT	5.00		SHOULDER REPAIR
94.604	20	LT	6.67		SHOULDER REPAIR
94.608	15	RT	5.00		SHOULDER REPAIR
94.796	10	RT	3.33		SHOULDER REPAIR
94.808	20	RT	6.67		SHOULDER REPAIR
94.811	30	LT	10.00		SHOULDER REPAIR
94.819	30	RT	10.00		SHOULDER REPAIR
94.855	115	LT	38.33		SHOULDER REPAIR
94.864	15	LT	5.00		SHOULDER REPAIR
94.907	30	LT	10.00		SHOULDER REPAIR
94.957	40	RT	13.33		SHOULDER REPAIR
94.98	15	RT	5.00		SHOULDER REPAIR
95.024	15	RT	5.00		SHOULDER REPAIR
95.092	20	RT	6.67		SHOULDER REPAIR
95.117	30	RT	10.00		SHOULDER REPAIR
95.185	15	RT	5.00		SHOULDER REPAIR
95.219	15	RT	5.00		SHOULDER REPAIR
95.242	15	RT	5.00		SHOULDER REPAIR
95.307	855	RT	655.67	655.67	WEST BOUND ON RAMP TO US RTE 60
95.307	1806	LT	967.66	967.66	WEST BOUND OFF RAMP TO US RTE 60
95.307	69	LT	27.91	27.91	WEST BOUND OFF RAMP TO US RTE 60 RADIUS
95.485	1597	RT	1158.54	1158.54	EAST BOUND OFF RAMP TO US RTE 60
95.485	78	RT	31.06	31.06	EAST BOUND OFF RAMP TO US RTE 60 RADIUS
95.485	796	LT	631.61	631.61	EAST BOUND ON RAMP TO US RTE 60
95.485	66	LT	15.44	15.44	EAST BOUND ON RAMP TO US RTE 60 RADIUS
			100.00	50.00	USE IF AND WHERE DIRECTED BY ENGINEER
TOTAL			3935	3538	

SEE SHEET 8 FOR RAMP DETAILS
LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.

6.67
60.00
5.00
5.00
6.67
6.67
26.67
20.00
6.67
23.33
5.00
8.33
3.33
8.33
5.00
6.67
5.00
3.33
6.67
10.00
10.00
38.33
5.00
10.00
13.33
5.00
5.00
6.67
10.00
5.00
5.00
5.00

100
3935

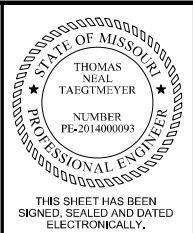
LINEAR GRADING CLASS II			
LOG MI	LOC	LINEAR GRADING CLASS II STA.	REMARKS
95.307	LT	14.1	WEST BOUND OFF RAMP TO US RTE 60
95.307	RT	8.6	WEST BOUND ON RAMP TO US RTE 60
95.485	RT	16.8	EAST BOUND OFF RAMP TO US RTE 60
95.485	LT	8.6	EAST BOUND ON RAMP TO US RTE 60
VARIOUS	LT/RT	10.4	SHOULDER REPLACEMENT LOCATIONS
TOTAL		24.5	

TEMPORARY EROSION CONTROL				
LOG MI	LOC	ROCK DITCH CHECK LF	SILT FENCE LF	REMARKS
95.307	LT		1895	US RTE 60 WB OFF RAMP
95.307	RT		875	US RTE 60 WB ON RAMP
95.485	LT		882	US RTE 60 EB ON RAMP
95.485	RT		1695	US RTE 60 EB OFF RAMP
		20		AS DIRECTED BY ENGINEER
TOTAL		20	5347	

AS DIRECTRED BY ENGINEER IN A2 SHOULDER LOCATIONS.

SEEDING AND MULCHING				
LOG MI	LOC	SEEDING - COOL SEASON GRASSES AC	MULCHING AC	REMARKS
95.307	LT	0.43	0.43	US RTE 60 WB OFF RAMP
95.307	RT	0.20	0.20	US RTE 60 WB ON RAMP
95.485	LT	0.20	0.20	US RTE 60 EB ON RAMP
95.485	RT	0.38	0.38	US RTE 60 EB OFF RAMP
TOTAL		1.2	1.2	

1 REVISED
SUMMARY OF QUANTITIES
SHEET 3 OF 4



DATE PREPARED 5/1/2024	
ROUTE 51	STATE MO
DISTRICT SE	SHEET NO. 3
COUNTY BOLLINGER/STODDARD	
JOB NO. JSE0113	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE								

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Pickering
Pickering Firm, Inc.
317 South Church Street
Jonesboro, AR 72401
Phone: 870.336.0117
Missouri Certificate of Authority No. 2012006790

EFFECTIVE: 04-01-2024									
SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN		
SIGN	IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NUM.		
WARNING SIGNS							DESCRIPTION		
W01-1L	48X48	16.00						TURN (SYMBOL LEFT)	
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT)	
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT)	
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	
W01-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	
W01-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	
W01-8	18X24	3.00						CHEVRON (SYMBOL)	
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)	
W03-2	48X48	16.00						YIELD AHEAD (SYMBOL)	
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	
W03-4	48X48	16.00	10	160				BE PREPARED TO STOP	
W03-5	48X48	16.00						SPEED LIMIT AHEAD	
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	
W04-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	
W04-1aL	48X48	16.00						MERGE (LEFT)	
W04-1aR	48X48	16.00						MERGE (RIGHT)	
W05-1	48X48	16.00	3	48				ROAD/BRIDGE/RAMP NARROWS	
W05-3	48X48	16.00						ONE LANE BRIDGE	
W05-5	48X48	16.00						NARROW LANES	
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	
W07-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	
W08-1	48X48	16.00						BUMP	
W08-2	48X48	16.00						DIP	
W08-3	48X48	16.00						PAVEMENT ENDS	
W08-4	48X48	16.00						SOFT SHOULDER	
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	
W08-6	48X48	16.00						TRUCK CROSSING	
W08-6c	48X48	16.00						TRUCK ENTRANCE	
W08-7	36X36	9.00						LOOSE GRAVEL	
W08-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	
W08-9	48X48	16.00						LOW SHOULDER	
W08-11	48X48	16.00	72	1152				UNEVEN LANES	
W08-12	48X48	16.00	36	576				NO CENTER LINE	
W08-15	48X48	16.00						GROOVED PAVEMENT	
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	
W08-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	
W08-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	
W10-1	42RND.	9.62						RAILROAD CROSSING	
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)	
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)	
W012-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)	
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)	
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD	
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD	
W013-1	30X30	6.25						ADVISORY SPEED (PLAQUE)	
W016-2	30X24	5.00						XXX FEET (PLAQUE)	
W016-3	30X24	5.00						X MILE (PLAQUE)	
W020-1	48X48	16.00	17	272				ROAD/BRIDGE/RAMP WORK AHEAD	
W020-2	48X48	16.00						DETOUR AHEAD	
W020-3	48X48	16.00						ROAD CLOSED AHEAD	
W020-4	48X48	16.00	6	96				ONE LANE ROAD AHEAD	
W020-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD	
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	
W020-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED	
W020-7a	48X48	16.00	14	224				FLAGGER (SYMBOL)	
W021-2	36X36	9.00						FRESH OIL	
W021-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD	
W022-1	48X48	16.00						BLASTING ZONE AHEAD	
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE	
W022-3	42X36	10.50						END BLASTING ZONE	
GO22-1	21X15	2.19	4	8.76				WET PAINT (ARROW PIVOTS)	

SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN		
SIGN	IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NUM.		
GUIDE SIGNS							DESCRIPTION		
E05-1	36X48	12.00						GORE EXIT	
E05-2	48X36	12.00						EXIT OPEN	
E05-2a	48X36	12.00						EXIT CLOSED	
GO20-1	60X24	10.00	2	20				ROAD WORK NEXT XX MILES	
GO20-2	48X24	8.00	2	16				END ROAD WORK	
GO20-4	36X18	4.50	1	4.5				PILOT CAR FOLLOW ME	
GO20-4a	42X30	8.75	2	17.5				PILOT CAR IN USE WAIT & FOLLOW	
GO20-4a	18X12	1.50	8	12				PILOT CAR IN USE WAIT & FOLLOW	
GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)	
MO4-8a	24X18	3.00						END DETOUR	
MO4-9L	48X36	12.00						DETOUR (LEFT)	
MO4-9R	48X36	12.00						DETOUR (RIGHT)	
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	
REGULATORY SIGNS									
R1-1	48X48	13.25						STOP	
R1-2	48TRI	6.93						YIELD	
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	
R1-3P	30X12	2.50						ALL WAY (PLAQUE)	
R2-1	36X48	12.00						SPEED LIMIT XX	
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	
R3-3	36X36	9.00						NO TURNS	
R3-4	48X48	16.00						NO U-TURN (SYMBOL)	
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	
R4-1	36X48	12.00						DO NOT PASS	
R4-2	36X48	12.00						PASS WITH CARE	
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	
R5-1	30X30	6.25						DO NOT ENTER	
R5-1a	36X24	6.00						WRONG WAY	
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	
R6-2L	24X30	5.00						ONE WAY (LEFT)	
R6-2R	24X30	5.00						ONE WAY (RIGHT)	
R9-9	24X12	2.00						SIDEWALK CLOSED	
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	
R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	
R									

STATE OF MISSOURI

THOMAS NEAL TAEGTMEYER

NUMBER PE-2014000093

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
5/1/2024

ROUTE 51
DISTRICT SE

STATE MO
SHEET NO. 3

COUNTY
BOLLINGER / STODDARD

JOB NO.
JSE0113

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

Pickering

Pickering Firm, Inc.
317 South Church Street
Jonesboro, AR 72401
Phone: 870.336.0117

Missouri Certificate of Authority No. 2012006790

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