

(SOUTHBOUND) 4" BP1 W/ PG 58H-28

QUANTITIES SHEET
SHEET 1 OF 8

GUARDRAIL							
LOG MILE	LOCATION	MGS END ANCHOR (EACH)	MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB) (EACH)	MGS GUARDRAIL (LF)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EACH)	SHAPING SLOPES CLASS III (STA)	REMARKS
63.754	HWY 61 SB (RT)	1	-	900	1	9.000	REPLACE ALL
64.030	HWY 61 SB (RT)	1	-	562.5	1	5.625	REPLACE ALL
66.110	HWY 61 SB (RT)	1	-	262.5	1	2.625	REPLACE ALL
67.139	HWY 61 SB (RT)	1	-	637.5	1	6.375	REPLACE ALL
67.840	HWY 61 SB (RT)	1	-	762.5	1	7.625	REPLACE ALL
68.242	HWY 61 SB (RT)	-	1	375	1	3.750	BR. A3900
68.282	HWY 61 SB (LT)	-	1	175	1	1.750	BR. A3900
68.423	HWY 61 SB (RT)	-	1	312.5	-	3.125	BR. A3900
68.805	HWY 61 SB (RT)	1	-	262.5	1	2.625	REPLACE ALL
69.035	HWY 61 SB (RT)	1	-	412.5	1	4.125	REPLACE ALL
-	-	-	-	-	-	-	-
324.261	HWY 61 NB (RT)	1	-	512.5	1	5.125	REPLACE ALL
325.435	HWY 61 NB (RT)	-	1	937.5	1	9.375	BR. A1062
325.561	HWY 61 NB (LT)	-	1	262.5	1	2.625	BR. A1062
325.737	HWY 61 NB (RT)	-	1	450	1	4.500	BR. A1062
325.826	HWY 61 NB (RT)	2	-	225	-	2.250	RTE O
326.090	HWY 61 NB (RT)	1	-	512.5	1	5.125	REPLACE ALL
326.471	HWY 61 NB (RT)	1	-	550	1	5.500	REPLACE ALL
326.500	HWY 61 NB (LT)	1	-	512.5	1	5.125	REPLACE ALL
326.740	HWY 61 NB (RT)	1	-	362.5	1	3.625	REPLACE ALL
326.920	HWY 61 NB (RT)	2	-	1100	-	11.000	SAWYER LN
327.867	HWY 61 NB (RT)	2	-	362.5	-	3.625	QUARRY LN
TOTAL		18	6	10450	17	105	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES										
LOG MILE	LOCATION	AREA (SY)	HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALT PVMT PG 76-22 (SP125B) @ 1.927 TONS/CY (TONS)	BPI W/ PG 58-28H 2 BPI SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.05 GAL/ SQ. YD. (GAL)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	GRAVEL A, CRUSHED STONE B TONS	REMARKS
64.179	HWY HH	1420	175.1	-	21.6	93.9	24.6	246	-	SB
64.179	PRIVATE ENTRANCE	19	2.0	-	-	-	1.9	19	-	SB
64.540	WRIGHT ENTRANCE	120	-	17.2	-	6.2	4.2	42	-	SB
65.177	TRABUE LN	480	66.4	-	14.0	38.4	-	-	8	SB
65.395	STABLE DR	140	-	19.0	-	5.6	7.0	70	-	SB
65.639	STABLE DR	133	-	18.2	-	5.6	6.3	63	-	SB
65.800	HEAVENLY ACRES DR	262	-	34.6	-	15.9	6.3	63	-	SB
65.800	PRIVATE ENTRANCE	68	-	7.4	-	5.4	-	-	4	SB
66.179	RTE M	1385	169.9	-	20.3	91.2	24.5	245	-	SB
66.780	HUCKELBERRY DR	140	-	19.0	-	5.6	7.0	70	-	SB
67.137	CLEMENS DR	101	-	12.8	-	2.9	6.5	65	-	SB
67.598	FINN DR	231	-	31.9	-	10.1	10.5	105	4	SB
68.622	THE MEADOW AND CAMPGROUND	217	-	29.6	-	9.0	11	105	4	SB
70.319	SUNDANCE DR	382	-	51.9	-	15.7	18.6	186	-	SB
-	-	-	-	-	-	-	-	-	-	-
323.721	W 5TH ST	270	38.0	-	8.5	13.6	10.0	100	-	NB
324.761	BUS 61	1530	186.0	-	20.8	99.6	28.5	285	-	NB
324.761	NORTHSIDE DR	37	4.0	-	-	-	3.7	37	-	NB
325.225	NORTHSIDE DR	153	-	20.2	-	5.4	8.5	85	4	NB
325.821	RTE O	1545	190.1	-	23.0	103.6	25.0	250	14	NB
326.460	SAWYER DR	407	-	52.8	-	13.0	24.5	245	-	NB
326.910	SAWYER LN	443	-	59.8	-	17.6	22.3	223	-	NB
327.261	SAWYER LN	118	-	16.0	-	4.7	5.9	59	-	NB
327.503	POTTER DR	226	-	29.1	-	6.8	14.1	141	-	NB
327.862	QUARRY LN	334	-	41.4	-	18.7	10.0	100	-	NB
327.862	POTTER DR	18	-	1.9	-	-	1.8	18	-	NB
328.239	RIDGE DR	225	-	31.6	-	10.8	9.0	90	-	NB
328.875	OCEAN WAVE RD	353	-	43.7	-	20.2	10.0	100	4	NB
328.875	CHIEFS LN	33	-	3.6	-	-	3.3	33	-	NB
329.337	IDEAL VILLA PL	194	-	27.9	-	10.3	6.5	65	4	NB
329.497	IDEAL VILLA PL	288	-	35.5	-	6.5	20.7	207	-	NB
329.716	CEMETARY	96	-	13.3	-	4.4	4.1	41	-	NB
329.797	CEMETARY	100	-	14.0	-	4.8	4.0	40	-	NB
330.037	BIRKEY'S	305	-	37.5	-	6.6	22.2	222	-	NB
SUBTOTAL			831.5	669.9	108.2	652.1	362.5	3,620	46	
SUBTOTAL			831.5	669.9		1123		3620	46	

NOTE: SEE SPECIAL SHEETS FOR ENTRANCE DETAILS

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REVISED



DATE PREPARED
10/2/2026

ROUTE 61	STATE MO
DISTRICT NE	SHEET NO. 3

COUNTY
RALLS

JOB NO.
JNE0244

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)

QUANTITIES SHEET
SHEET 4 OF 8

2" FIBER REINFORCED SP125B W/ PG76-22 OVER 2" FIBER REINFORCED SP125B W/ PG76-22			
LOG MILE	LOG MILE	HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALT PVMT PG 76-22 (SP125B) @ 1.927 TONS/CY (TONS)	REMARKS
63.569	71.464	34654.7	SOUTHBOUND
322.526	330.471	33674.1	NORTHBOUND
-	-	3411.2	SOUTHBOUND/NORTHBOUND (VARIES)
-	-	831.5	PAVED ENTRANCES
TOTAL		72571.5	

PAVEMENT MARKINGS					
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS		REMARKS
			4 " YELLOW (LF)	4 " WHITE (LF)	
64.179	-	RTE HH	1,000	-	DOUBLE SOLID
66.179	-	RTE M	1,000	-	DOUBLE SOLID
324.761	-	BUS 61	1,000	940	DOUBLE SOLID
325.821	-	RTE O	1,000	750	DOUBLE SOLID
TOTAL			4,000	1,690	
LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING					

CROSSOVER GRAVEL A, CRUSHED STONE B 0.039 TONS/SY/INCH (TONS)						
LOG MILE	LENGTH (FT)	AGGREGATE SHOULDER WIDTH (FT)	AREA (SY)	THICKNESS 2" WEDGE (IN)	GRAVEL A, CRUSHED STONE B 0.039 TONS/SY/INCH (TONS)	REMARKS
63.999	250.00	2	55.6	2.00	2.2	CROSSOVER
64.179	290.00	2	64.4	2.00	2.5	CROSSOVER
64.239	300.00	2	66.7	2.00	2.6	CROSSOVER
64.321	280.00	2	62.2	2.00	2.4	CROSSOVER
64.540	270.00	2	60.0	2.00	2.3	CROSSOVER
64.867	270.00	2	60.0	2.00	2.3	CROSSOVER
65.175	250.00	2	55.6	2.00	2.2	CROSSOVER
65.640	250.00	2	55.6	2.00	2.2	CROSSOVER
65.801	260.00	2	57.8	2.00	2.3	CROSSOVER
66.178	300.00	2	66.7	2.00	2.6	CROSSOVER
66.540	225.00	2	50.0	2.00	2.0	CROSSOVER
66.779	230.00	2	51.1	2.00	2.0	CROSSOVER
67.121	330.00	2	73.3	2.00	2.9	CROSSOVER
67.600	235.00	2	52.2	2.00	2.0	CROSSOVER
68.226	235.00	2	52.2	2.00	2.0	CROSSOVER
68.623	200.00	2	44.4	2.00	1.7	CROSSOVER
69.280	200.00	2	44.4	2.00	1.7	CROSSOVER
69.420	145.00	2	32.2	2.00	1.3	CROSSOVER
69.629	100.00	2	22.2	2.00	0.9	CROSSOVER
SUBTOTAL					41	

TACK COAT			
LOG MILE	LOG MILE	TACK COAT (GAL)	REMARKS
63.569	71.464	20453	SOUTHBOUND MAIN LINE
63.569	71.464	3406	SOUTHBOUND SHOULDER
322.526	330.471	19921	NORTHBOUND MAIN LINE
322.526	330.471	3418	NORTHBOUND SHOULDER
-	-	2183	SOUTHBOUND/NORTHBOUND (VARIES)
-	-	1123	PAVED ENTRANCES
TOTAL		50504	BP1 W/ PG 58-28H-2

4" BP1 W/ PG 58H-28			
LOG MILE	LOG MILE	4" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	BP1 W/ PG 58-28 REMARKS
63.569	71.464	9411.9	SOUTHBOUND
322.526	330.471	9444.6	NORTHBOUND
-	-	669.9	PAVED ENTRANCES
TOTAL		19526.4	

REMOVAL OF IMPROVEMENTS			
LOG MILE	LOCATION	FOR ESTIMATE PURPOSES ONLY LENGTH (FT)	DESCRIPTION
63.754	HWY 61 SB (RT)	950	REMOVE ALL GUARDRAIL
64.030	HWY 61 SB (RT)	612.5	REMOVE ALL GUARDRAIL
66.110	HWY 61 SB (RT)	312.5	REMOVE ALL GUARDRAIL
67.139	HWY 61 SB (RT)	687.5	REMOVE ALL GUARDRAIL
67.840	HWY 61 SB (RT)	812.5	REMOVE ALL GUARDRAIL
68.242	HWY 61 SB (RT)	462.5	BR. A3900 (REMOVE ALL GUARDRAIL)
68.282	HWY 61 SB (LT)	262.5	BR. A3900 (REMOVE ALL GUARDRAIL)
68.423	HWY 61 SB (RT)	350	BR. A3900 (REMOVE ALL GUARDRAIL)
68.805	HWY 61 SB (RT)	312.5	REMOVE ALL GUARDRAIL
69.035	HWY 61 SB (RT)	462.5	REMOVE ALL GUARDRAIL
-	-	-	-
324.261	HWY 61 NB (RT)	562.5	REMOVE ALL GUARDRAIL
325.435	HWY 61 NB (RT)	1025	BR. A1062 (REMOVE ALL GUARDRAIL)
325.561	HWY 61 NB (LT)	350	BR. A1062 (REMOVE ALL GUARDRAIL)
325.737	HWY 61 NB (RT)	525	BR. A1062 (REMOVE ALL GUARDRAIL)
325.826	HWY 61 NB (RT)	225	RTE O (REMOVE ALL GUARDRAIL)
326.090	HWY 61 NB (RT)	562.5	REMOVE ALL GUARDRAIL
326.471	HWY 61 NB (RT)	600	REMOVE ALL GUARDRAIL
326.500	HWY 61 NB (LT)	562.5	REMOVE ALL GUARDRAIL
326.740	HWY 61 NB (RT)	412.5	REMOVE ALL GUARDRAIL
326.920	HWY 61 NB (RT)	1100	SAWYER LN (REMOVE ALL GUARDRAIL)
327.867	HWY 61 NB (RT)	362.5	QUARRY LN (REMOVE ALL GUARDRAIL)
LUMP SUM		11,513	

(NORTHBOUND) BITUMINOUS SHOULDER RUMBLE STRIP					
LOG MILE	LOG MILE	LOCATION	LENGTH (STA.)	RUMBLE TYPE	REMARKS
322.526	330.471	HWY 61 NB (RT)	419.5	EDGE LINE	OUTSIDE SHOULDER
322.526	330.471	HWY 61 NB (LT)	419.5	EDGE LINE	INSIDE SHOULDER
SUBTOTAL			839.0	-	-
EXCEPTIONS			131.4	-	OUTSIDE SHOULDER
EXCEPTIONS			113.7	-	INSIDE SHOULDER
SUBTOTAL			593.9	-	-

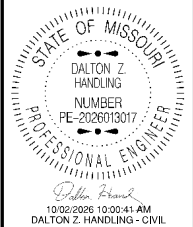
GRAVEL A, CRUSHED STONE B 0.039 TONS/SY/INCH (TONS)			
LOG MILE	LOG MILE	GRAVEL A, CRUSHED STONE B 0.039 TONS/SY/INCH (TONS)	REMARKS
63.569	71.464	41	CROSSOVERS
63.569	71.464	46	PAVED ENTRANCES
63.569	71.464	52	AGGREGATE ENTRANCES
TOTAL		139	

BITUMINOUS SHOULDER RUMBLE STRIP						
LOG MILE	LOG MILE	LOCATION	LENGTH (STA.)	RUMBLE TYPE		REMARKS
63.569	71.464	HWY 61 SB	634.2	INSIDE SHOULDER & OUTSIDE SHOULDER		SOUTHBOUND
322.526	330.471	HWY 61 NB	593.9	INSIDE SHOULDER & OUTSIDE SHOULDER		NORTHBOUND
TOTAL			1228.1			

(SOUTHBOUND) BITUMINOUS SHOULDER RUMBLE STRIP					
LOG MILE	LOG MILE	LOCATION	LENGTH (STA.)	RUMBLE TYPE	REMARKS
63.569	71.464	HWY 61 SB (RT)	416.9	EDGE LINE	OUTSIDE SHOULDER
63.569	71.464	HWY 61 SB (LT)	416.9	EDGE LINE	INSIDE SHOULDER
SUBTOTAL			833.8	-	-
EXCEPTIONS			109.5	-	OUTSIDE SHOULDER
EXCEPTIONS			90.1	-	INSIDE SHOULDER
SUBTOTAL			634.2	-	-

ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1)	= 1.948 TON/CY
TACK COAT (EXISTING SURFACE)	= 0.08 GAL/SY
TACK COAT (COLDMILLING SURFACE)	= 0.10 GAL/SY
GRAVEL, CRUSH STONE AND CHAT	= 1.40 TONS / CY OF LOOSE AGG.

CABLE																
FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
										CONTROL	POLE & BRACKET					
					2c #16	5c #16	7c #16	3c #16		3 PAIR #16	2c #12	1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE- MODE	
63.621											264	50				RTE 61 SB (LEFT LANE)
63.621											264	80				RTE 61 SB (RIGHT LANE)
63.621											264	50				RTE 61 SB (TURN LANE)
63.630											264	110				RED DEVIL RD (LEFT TURN LANE)
63.630											264	60				RED DEVIL RD (STRAIGHT/RIGHT)
330.397											264	50				RTE 61 NB (LEFT LANE)
330.397											264	80				RTE 61 NB (RIGHT LANE)
330.397											264	60				RTE 61 NB (LEFT TURN LANE)
330.410											264	110				WARREN BARRETT DR (LEFT TURN LANE)
330.410											264	60				WARREN BARRETT DR (STRAIGHT)
SUBTOTALS											2640	710				
TOTALS											2640	710				



MO-PE-2026013017	
DATE PREPARED	
10/2/2026	
ROUTE	STATE
61	MO
DISTRICT	SHEET NO.
NE	3

COUNTY	RALLS
JOB NO.	JNE0244
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

QUANTITIES SHEET
SHEET 7 OF 8