

OPTIONAL SHOULDERS AND GRADING							
LOG MI	LOG MI	LOC	LENGTH FT	WIDTH FT	OPTIONAL SHOULDER 5" BP-1 PG 64-22 2.050 TON/CY		REMARKS
					CY	TON	
0.020	4.847	LT	25486.56	2	928.21	1902.83	254.87
0.020	4.847	RT	25486.56	2	928.21	1902.83	254.87
4.874	9.620	LT	25058.88	2	912.64	1870.91	250.59
4.874	9.620	RT	25058.88	2	912.64	1870.91	250.59
TOTAL						7547.5	1011
TACK COAT SHALL INCLUDE VERTICAL FACE APPLICATION LOG MILES AND LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS TO BE FIELD VERIFIED OR DETERMINED BY THE ENGINEER.							

GRAVEL A OR CRUSHED STONE B				
LOG MI	LOG MI	LOC	GRAVEL A OR CRUSHED STONE B TONS	REMARKS
0.020	9.620	VAR	54	APPROX 54 ENTRANCES (2' APRON)
0.020	9.620	VAR	52	DRIVEWAY PIPE REPLACEMENTS (26 LOCATIONS)
		TOTAL	106	
ESTIMATED QUANTITIES. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER. SEE SPECIAL SHEETS FOR ENTRANCE DETAILS.				

MOBILIZATION - LUMP SUM 1

ADDITIONAL MOBILIZATION FOR SEEDING
3 OCCURENCES EACH

REMOVAL OF IMPROVEMENTS		
LOG MI	LOC	DESCRIPTION
0.101	RTE M	CULVERT 1 - 18" CMP - 40'
0.673	RTE M	EXISTING 15" - 29' DRIVEWAY PIPE
0.746	RTE M	EXISTING 15" - 26' DRIVEWAY PIPE
1.102	RTE M	EXISTING 24" - 29' DRIVEWAY PIPE
1.177	RTE M	EXISTING 12" - 25' DRIVEWAY PIPE
1.198	RTE M	EXISTING 15" - 16' DRIVEWAY PIPE
1.229	RTE M	EXISTING 12" - 25' DRIVEWAY PIPE
1.247	RTE M	EXISTING 15" - 16' DRIVEWAY PIPE
1.342	RTE M	EXISTING 18" - 50' DRIVEWAY PIPE
1.416	RTE M	EXISTING 15" - 25' DRIVEWAY PIPE
1.520	RTE M	EXISTING 12" - 40' DRIVEWAY PIPE
1.800	RTE M	EXISTING 12" - 20' DRIVEWAY PIPE
1.689	RTE M	CULVERT 7 - 36" CMP - 40'
1.922	RTE M	CULVERT 8 - 24" CMP - 40'
2.155	RTE M	EXISTING 15" - 20' DRIVEWAY PIPE
2.433	RTE M	CULVERT 12 - DOUBLE 24" CMP - 40'
2.566	RTE M	CULVERT 13 - 15" CMP - 48'
3.007	RTE M	CULVERT 16 - 24" CMP - 48'
3.190	RTE M	EXISTING 15" - 18' DRIVEWAY PIPE
3.276	RTE M	CULVERT 18 - 18" CMP - 40'
3.367	RTE M	CULVERT 19 - 15" CMP - 45'
3.550	RTE M	EXISTING 12" - 28' DRIVEWAY PIPE
3.615	RTE M	EXISTING 12" - 28' DRIVEWAY PIPE
3.619	RTE M	CULVERT 21 - 15" CMP - 42'
3.735	RTE M	EXISTING 12" - 28' DRIVEWAY PIPE
3.777	RTE M	CULVERT 22 - 15" CMP - 40'
3.935	RTE M	CULVERT 24 - 15" CMP - 40'
4.079	RTE M	CULVERT 25 - 15" CMP - 40'
4.361	RTE M	CULVERT 27 - 15" CMP - 45'
4.644	RTE M	CULVERT 29 - 18" CMP - 40'
4.847	RTE M	TYPE 3 OBJECT MARKERS AT BRIDGE T0432
4.874	RTE M	TYPE 3 OBJECT MARKERS AT BRIDGE T0432
SUBTOTAL 1		1 LUMP SUM
*PIPE REMOVAL INCLUDES EXCAVATION FOR NEW PIPE INSTALLATION		

REMOVAL OF IMPROVEMENTS		
LOG MI	LOC	DESCRIPTION
4.985	RTE M	CULVERT 31 - 15" CMP - 38'
5.095	RTE M	CULVERT 32 - 15" CMP - 40'
5.278	RTE M	CULVERT 33 - 15" CMP - 40'
5.389	RTE M	CULVERT 34 - 15" CMP - 33'
5.612	RTE M	EXISTING 12" - 32' DRIVEWAY PIPE
6.030	RTE M	EXISTING 12" - 27' DRIVEWAY PIPE
6.443	RTE M	CULVERT 41 - 18" CMP - 38'
6.594	RTE M	CULVERT 42 - 15" CMP - 40'
6.730	RTE M	CULVERT 43 - 18" CMP - 40'
6.874	RTE M	CULVERT 44 - 15" CMP - 40'
6.870	RTE M	EXISTING 12" - 20' DRIVEWAY PIPE
6.923	RTE M	EXISTING 12" - 31' DRIVEWAY PIPE
7.095	RTE M	EXISTING 12" - 25' DRIVEWAY PIPE
7.229	RTE M	EXISTING 12" - 20' DRIVEWAY PIPE
7.342	RTE M	CULVERT 46 - 15" CMP - 40'
7.697	RTE M	CULVERT 48 - 18" CMP - 45'
7.787	RTE M	EXISTING 12" - 25' DRIVEWAY PIPE
8.090	RTE M	EXISTING 12" - 35' DRIVEWAY PIPE
8.098	RTE M	EXISTING 12" - 32' DRIVEWAY PIPE
8.480	RTE M	CULVERT 53 - 18" CMP - 50'
8.548	RTE M	EXISTING 12" - 21' DRIVEWAY PIPE
8.548	RTE M	EXISTING 18" - 42' DRIVEWAY PIPE
8.877	RTE M	EXISTING 15" - 20' DRIVEWAY PIPE
8.940	RTE M	CULVERT 56 - 30" CMP - 40'
9.065	RTE M	CULVERT 57 - 18" CMP - 46'
9.178	RTE M	CULVERT 58 - 15" CMP - 45'
9.472	RTE M	CULVERT 59 - 18" CMP - 36'
SUBTOTAL 2		1 LUMP SUM
SUBTOTAL 1		1 LUMP SUM
TOTAL		1 LUMP SUM
*PIPE REMOVAL INCLUDES EXCAVATION FOR NEW PIPE INSTALLATION		

PERMANENT AGGREGATE EDGE TREATMENT					
LOG MI	LOG MI	LOC	LENGTH FT	PERM AGG EDGE TREATMENT TONS	REMARKS
0.020	9.620	LT & RT	50688	1500	
			TOTAL	1500.0	
PERMANENT AGGREGATE EDGE TREATMENT SHALL BE USED TO CONSTRUCT MAILBOX TURNOUTS THROUGHOUT THE PROJECT AND OTHER LOCATIONS AS DIRECTED BY ENGINEER.					

MAILBOX POSTS			
LOG MI	LOG MI	WOOD POST 4" X 4" LF	REMARKS
0.020	9.620	72.0	APPROX. 12 POSTS
		72	
ESTIMATED QUANTITIES. LOCATIONS TO BE DETERMINED BY THE ENGINEER.			

ESTIMATED SHOULDERING EARTHWORK					
LOG MI	LOG MI	LOC	CUT CY	FILL CY	REMARKS
0.020	9.620	RTE M	3000 TO 5000	2600 TO 4400	
			NO DIRECT PAY	NO DIRECT PAY	
ESTIMATED QUANTITIES FOR INFORMATIONAL PURPOSES ONLY CONTRACTOR IS RESPONSIBLE FOR ESTIMATING QUANTITY BEFORE BIDDING					

OPTIONAL ASPHALTIC CONCRETE WEARING SURFACE				
LOG MI	LOG MI	LOC	OPTIONAL ASPHALTIC CONCRETE WEARING SURFACE (BRIDGES) SY	REMARKS
4.847	4.874	LT & RT	63	BRIDGE T0432
		TOTAL	63	
ESTIMATED QUANTITY.				

SCRUB SEAL							
LOG MI	LOG MI	LOC	LENGTH FT	WIDTH FT	MINERAL AGGREGATE SY	SCRUB SEAL EMULSION GAL	REMARKS
0.020	4.847	CL	25486.56	24	67964.2	16991.1	
4.847	4.874	CL	142.56	22	348.5	87.1	BRIDGE T0432
4.874	9.620	CL	25058.88	24	66823.7	16705.9	
TOTAL					135136	33784	
SCRUB SEAL EMULSION RATE OF 0.25 GAL/SY. LOG MILES ARE APPROXIMATE.							

STATE OF MISSOURI

THOMAS
REAL
NEGTMAYER

NUMBER
PE-2014000093

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
3/5/2025

ROUTE
M

STATE
MO

DISTRICT
SE

SHEET NO.
3

COUNTY
OREGON

JOB NO.
JSE0108

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.
101 South Church Street, Suite 303
Jonesboro, AR 72401
Phone: 870.336.0117
Missouri Certificate of Authority No. 2012006790

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4.874	9.620	RT	25058.88	2	912.64	1870.91	250.59
				SUBTOTAL		7547.48	1010.92
				TOTAL		SEE TOTAL	1011
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ESTIMATED QUANTITY.				

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4/8/2025

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SHEET NO.
3A

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JSE0108

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BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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JEFFERSON CITY, MO 65102
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Pickering

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101 South Church Street, Suite 303
Jonesboro, AR 72401
Phone: 870.336.0117
Missouri Certificate of Authority No. 2012006790



SHEET ADDED

SUMMARY OF QUANTITIES
SHEET 1 OF 5