

OPTIONAL SHOULDER AND GRADING						
LOG MI	LOG MI	LOC	LENGTH FT	WIDTH FT	5" OPTIONAL SHOULDER (2.050 TON/CY) (TON)	SHOULDER GRADING (100 FT)
0.012	9.890	LT/RT	52155.8	2	7710.08	521.6
9.941	13.997	LT/RT	21415.7	2	3165.83	214.2
14.074	15.891	LT/RT	9593.8	2	1418.22	95.9
15.960	17.389	LT/RT	7545.1	2	1115.38	75.5
TOTAL					13409.6	908

NOTES:
ANY EARTHWORK COMPLETED TO BUILD THE SHOULDER FOR THIS PROJECT WILL BE PAID FOR AS SHOULDER GRADING.
THE QUANTITIES OF EARTHWORK FOR THIS PROJECT HAVE BEEN ESTIMATED TO FIT WITHIN A RANGE.
CUT RANGE = 3,500 CY TO 5,500 CY, FILL RANGE = 10,000 CY TO 15,000 CY
ESTIMATED EARTHWORK BASED UPON SECTIONS THAT ARE ROUGHLY 1/4 MILE APART WITH MINIMUM 2:1 SLOPES FOR THE LENGTH OF THE PROJECT.

1043.2
428.4
191.8
151.0
1815

BITUMINOUS SHOULDER RUMBLE STRIPS					
LOG MI	LOG MI	LOC	LENGTH FT	BITUMINOUS SHOULDER RUMBLE STRIP (STA)	REMARKS
0.012	17.389	LT/RT	91750.6	1835.01	
TOTAL				1835.1	

1 REVISED

CROSSROAD CULVERTS											
LOG MI	EXISTING SIZE	12" GROUP A PIPE LF	18" GROUP A PIPE LF	24" GROUP A PIPE LF	30" GROUP A PIPE LF	36" GROUP A PIPE LF	TYPE C PIPE COLLAR EA	SHAPING SLOPES CLASS II 100 FT	APPROX EARTHWORK		REMARKS
									CUT CY	FILL CY	
1.983	12" CMP	5						1.0	21.3	3.0	EXTEND PIPE 5' LT/GRADE DITCH TO DRAIN
3.181	24" CMP			2				1.0	5.4	3.0	EXTEND PIPE 2' RT/GRADE DITCH TO DRAIN
3.783	18" PLASTIC PIPE		3					1.0	17.4	3.0	EXTEND PIPE 3' RT/GRADE DITCH TO DRAIN
3.931	24" CMP			3				1.0	0.0	6.0	EXTEND PIPE 3' LT/GRADE DITCH TO DRAIN
4.403	18" CMP		2					1.0	0.0	3.0	EXTEND PIPE 2' LT/GRADE DITCH TO DRAIN
5.316	30" CMP				6			1.0	25.2	3.0	EXTEND PIPE 6' LT/GRADE DITCH TO DRAIN
5.380	36" CMP					4		1.0	19.5	3.0	EXTEND PIPE 4' LT/GRADE DITCH TO DRAIN
6.845	12" CMP	3						1.0	7.3	3.0	EXTEND PIPE 3' LT/GRADE DITCH TO DRAIN
8.927	18" CMP		2					1.0	0.0	3.0	EXTEND PIPE 2' LT/GRADE DITCH TO DRAIN
10.827	3' X 2' BOX CULVERT					3	1	1.0	1.5	6.0	INSTALL TYPE C PIPE COLLAR/EXTEND BOX CULVERT WITH PIPE 3' RT/GRADE DITCH TO DRAIN
TOTAL		8	7	5	6	7	1	10			

CONCRETE HEADWALL EXTENSION						
LOG MI	LOC	LENGTH FT	WIDTH FT	EXTEND HEIGHT FT	CLASS B1 CONCRETE CY	REMARKS
0.446	RT	22.5	1.0	0.50	0.42	EXTEND VERTICALLY
0.731	LT	5.0	1.0	1.00	0.19	EXTEND VERTICALLY
0.731	RT	5.0	1.0	0.75	0.14	EXTEND VERTICALLY
2.542	LT	6.0	1.0	0.50	0.11	EXTEND VERTICALLY
3.696	RT	5.0	1.0	0.50	0.09	EXTEND VERTICALLY
9.849	RT	12.0	1.0	1.00	0.44	EXTEND VERTICALLY
12.748	LT	13.5	1.0	0.50	0.25	EXTEND VERTICALLY
15.487	RT	4.0	1.0	0.50	0.07	EXTEND VERTICALLY
TOTAL					1.8	

NOTES:
CONCRETE HEADWALLS TO BE EXTENDED WITH CLASS B-1 CONCRETE.
#5 BAR AND RESIN ANCHORS ARE INCIDENTAL TO HEADWALL EXTENSIONS.

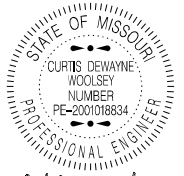
ADDITIONAL MOBILIZATION FOR SEEDING - 4 EACH

TEMPORARY PAVEMENT MARKING PAINT - LUMP SUM 1

TEMPORARY EROSION CONTROL								
LOG MI	LOG MI	LENGTH FT	SILT FENCE LF	ROCK DITCH CHECK LF	ALT DITCH CHECK LF	SEDIMENT REMOVAL CY	TEMP SEEDING AC	MULCH AC
0.012	17.389	91750.6	2000	2856	96	230	21.07	21.07
TOTAL			2000	2856	96	230	21.1	21.1

MAILBOX POSTS			
LOG MI	LOG MI	MAILBOX POST (FT)	REMARKS
0.012	17.389	540	
TOTAL		540	
NOTE: MAILBOX POSTS ARE TO BE 4" X 4" WOOD POSTS.			

MOBILIZATION - LUMP SUM 1



Curtis Dewayne Woolsey
01/15/2025 1:58:52 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED
1/15/2025

ROUTE N STATE MO

DISTRICT SE SHEET NO. 3

COUNTY
BOLLINGER/CAPE GIRARDEAU

JOB NO.
J9S3716

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)
MoDOT

QUANTITY SHEET
SHEET 1 OF 4