

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20100500	TREE REMOVAL, ACRES	ACRE	2.5
20200100	EARTH EXCAVATION	CU YD	2470
20300100	CHANNEL EXCAVATION	CU YD	1726
20400800	FURNISHED EXCAVATION	CU YD	560
25000200	SEEDING, CLASS 2	ACRE	2.7
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	243
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	243
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	243
25100115	MULCH, METHOD 2	ACRE	2.7
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	800
28000300	TEMPORARY DITCH CHECKS	EACH	8
28000400	PERIMETER EROSION BARRIER	FOOT	200
28000500	INLET AND PIPE PROTECTION	EACH	2
28100207	STONE RIPRAP, CLASS A4	TON	540
28200200	FILTER FABRIC	SQ YD	670
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1207
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	114
50300225	CONCRETE STRUCTURES	CU YD	122.6
50300280	CONCRETE ENCASEMENT	CU YD	18.6
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	4324
50800105	REINFORCEMENT BARS	POUND	9190
50900205	STEEL RAILING, TYPE S1	FOOT	364
51201400	FURNISHING STEEL PILES HP10X42	FOOT	532
51500100	NAME PLATES	EACH	1
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	40
542D5491	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	40
54215553	METAL END SECTIONS 18"	EACH	2
54215781	METAL END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	2
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	22
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	7
67100100	MOBILIZATION	L SUM	1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1
Z0065000	SETTING PILES IN ROCK	EACH	20

GENERAL NOTES

ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON AN U.S.G.S. DATUM.

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTHS OF PIPE CULVERTS PRIOR TO ORDERING THESE ITEMS.

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard
STA. 50+50 - STA. 51+00	19	14	4	+10
STA. 51+00 - STA. 52+00	44	33	48	-15
STA. 52+00 - STA. 53+00	94	70	222	-152
STA. 53+00 - STA. 54+00	120	90	563	-473
STA. 54+00 - STA. 54+67	74	56	511	-455
STA. 56+49 - STA. 57+00	176	132	404	-272
STA. 57+00 - STA. 58+00	389	292	704	-412
STA. 58+00 - STA. 59+00	398	298	430	-132
STA. 59+00 - STA. 60+00	380	285	141	+144
STA. 60+00 - STA. 61+00	360	270	22	+248
STA. 61+00 - STA. 62+00	244	183	2	+181
STA. 62+00 - STA. 63+00	135	101	6	+95
STA. 63+00 - STA. 63+50	37	28	2	+26
Total	2470	1852	3059	-1207

CHANNEL EXCAVATION = 1726 CU YD
 50% OF CHANNEL EXCAVATION SUITABLE FOR EMBANKMENT = 863 CU YD
 CHANNEL EXCAVATION ADJUSTED FOR SHRINKAGE = 647
 FURNISHED EXCAVATION = 560

UTILITIES INFORMATION

POWER: JAMES VARWIG MAIL CODE - 450
 AMEREN
 1901 CHOUTEAU AVE
 P.O. Box 66149
 ST. LOUIS MO. 63103

TELEPHONE: FRONTIER COMMUNICATIONS
 801 WEST JACKSON STREET
 ALTAMONT ILLINOIS 62411

TREE REMOVAL ACRES	
LOCATION	QUANTITY
STA 50+50 - 30 LT & RT TO STA 52+00 - 30 LT & RT	0.2 ACRE
STA 52+00 - 30 LT & RT TO STA 53+00 - 40 LT & RT	0.2 ACRE
STA 53+00 - 40 LT & RT TO STA 54+00 - 40 LT & RT	0.2 ACRE
STA 54+00 - 50 LT & RT TO STA 60+00 - 50 LT & RT	1.4 ACRE
STA 60+00 - 40 LT & RT TO STA 61+00 - 40 LT & RT	0.2 ACRE
STA 61+00 - 30 LT & 40 RT TO STA 62+00 - 30 LT & 35 RT	0.1 ACRE
STA 62+00 - 30 LT & 35 RT TO STA 62+40.20 - 30 LT & 30 RT	0.1 ACRE
STA 62+40.20 - 30 LT & RT TO STA 63+50 - 30LT & RT	0.1 ACRE
TOTAL	2.5 ACRES

ROW MARKERS

STA	OFFSET	QUANTITY
52+00.00	30' Lt & 30' Rt	2.0
53+00.00	40' Lt & 40' Rt	2.0
54+00.00	40' Lt & 50' Lt	2.0
54+00.00	40' Rt & 50' Rt	2.0
P.C. 58+16.30	50' Lt & 50' Rt	2.0
60+00.00	40' Lt & 50' Lt	2.0
60+00.00	40' Rt & 50' Rt	2.0
61+00.00	30' Lt & 40' Lt	2.0
61+00.00	40' Rt	1.0
62+00.00	35' Rt	1.0
P.T. 62+40.20	30' Lt & 30' Rt	2.0
63+00.00	30' Lt & 30' Rt	2.0
TOTAL		22.0

SUMMARY OF QUANTITIES
TR- 437 OVER BECKS CREEK
SECTION 04-07120-00-BR
SHELBY COUNTY