

SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	QUANTITY
20100500	TREE REMOVAL, ACRES	ACRE	1.5
20200100	EARTH EXCAVATION	CU. YD.	2037
20300100	CHANNEL EXCAVATION	CU. YD.	484
* 25000200	SEEDING, CLASS 2	ACRE	1.5
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	135
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	135
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	135
* 25100115	MULCH, METHOD 2	ACRE	1.5
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150
28000305	TEMPORARY DITCH CHECKS	FOOT	72
28000400	PERIMETER EROSION BARRIER	FOOT	1598
28100207	STONE RIPRAP, CLASS A4	TON	857
28200200	FILTER FABRIC	SQ. YD.	940
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	835
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU. YD.	72
50200300	COFFERDAM EXCAVATION	CU. YD.	59
50201121	COFFERDAM (TYPE 2)(LOCATION-1)	EACH	1
50201122	COFFERDAM (TYPE 2)(LOCATION-2)	EACH	1
50300225	CONCRETE STRUCTURES	CU. YD.	84.4
50300280	CONCRETE ENCASEMENT	CU. YD.	7.7
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ. FT.	2520
50800105	REINFORCEMENT BARS	POUND	6607
50800530	MECHANICAL SPIICFRS	EACH	32
* 50900205	STEEL RAILING, TYPE S1	FOOT	214
51201400	FURNISHING STEEL PILES HP 10 x 42	FOOT	420
51202305	DRIVING PILES	FOOT	420
51203400	TEST PILE STEEL HP 10 x 42	EACH	4
51500100	NAME PLATES	EACH	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	30
542D1069	PIPE CULVERTS, CLASS D, TYPE 2 24"	FOOT	40
67100100	MOBILIZATION	L. SUM	1
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
* D2012202	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 2" CALIPER, BALLED AND BURLAPPED	EACH	30

* SPECIALTY ITEM

UTILITIES

CONSOLIDATED TELEPHONE
121 SOUTH 17TH STREET
MATTOON, IL. 61938
(217) 235-331

GENERAL NOTES

1. TEMPORARY EROSION CONTROL TO BE IMPLEMENTED PER THE PLANS AND AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS AND PREVENT DRAINAGE OR PONDING OF WATER ONTO PRIVATE PROPERTY.
3. ONLY TREES OR SHRUBS MARKED FOR REMOVAL BY THE ENGINEER SHALL BE REMOVED BY THE CONTRACTOR.
4. ALL DISTURBED EARTH SURFACES WITHIN THE LIMITS OF THE R.O.W. AND EASEMENTS SHALL BE SEEDED AS DIRECTED BY THE ENGINEER.
5. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

TREE REMOVAL SCHEDULE

STA 11+00 TO STA 20+00 LT = 0.75 ACRE
STA 11+00 TO STA 20+00 RT = 0.75 ACRE

TOTAL = 1.5 ACRES

EARTHWORK SCHEDULE

1 LOCATION	2 FARTH EXCAVATION	3 STRUCTURE EXCAVATION	4 CHANNEL EXCAVATION	5 TOTAL EXCAVATION ADJUSTED FOR SHRINKAGE	6 EMBANKMENT	7 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
STA 11+00 TO STA 14+46.75	788	36	244	801	561	+240
STA 15+53.25 TO STA 20+00	1249	36	240	1144	1359	-215
TOTAL	2037	72	484	1945	1920	+25

COLUMN 1,2,&6 - LOCATION AND QUANTITIES FROM CROSS SECTIONS.
CUT = EARTH EXCAVATION FILL = EMBANKMENT

COLUMN 3 - QUANTITIES OF STRUCTURAL EXCAVATION (CUT) FROM BRIDGE PLANS

COLUMN 4 - QUANTITY OF CHANNEL EXCAVATION (CUT) REDUCED 10% FOR UNSUITABLE MATERIAL FOR USE AS FILL

COLUMN 5 - QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 25%

COLUMN 7 - EARTHWORK BALANCE (-) = QUANTITY OF FURNISHED EXCAVATION NEEDED EARTHWORK BALANCE
(+) = QUANTITY OF EARTH EXCAVATION ADJUSTED FOR SHRINKAGE TO BE WASTED.