SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	QUANTITY	
20200100	EARTH EXCAVATION	CUYD	896	
20300100	CHANNEL EXCAVATION	CUYD	351	
20400800	FURNISHED EXCAVATION	CUYD	339	
25000200	SEEDING CLASS 2 *	ACRE	1.0	
25000400	NITROGEN FERTILIZER NUTRIENT.	POUND	90	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90	
25100115	MULCH, METHOD 2 *	ACRE	1.0	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	
28000300	TEMPORARY DITCH CHECKS	EACH	4	
28000400	PERIMETER EROSION BARRIER	FOOT	112	
28000500	INLET & PIPE PROTECTION	EACH	2	
28100207	STONE RIPRAP CLASS A4	TON	240	
28200200	FILTER FABRIC	SQYD	362	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	980	
50100100	REMOVAL OF EXISTING STRUCTURE	EACH	1	
50200100	STRUCTURE EXCAVATION	CUYD	86	
50300225	CONCRETE STRUCTURES	CUYD	18	
50400505	P.P.C. DECK BEAMS (27" DEPTH)	SQFT	1408	
50800105	REINFORCEMENT BARS	POUND	2290	
50900205	STEEL RAILING TYPE S1	FOOT	120	
51201000	FURNISHING METAL SHELLS 12"	FOOT	258	
51202600	DRIVING AND FILLING SHELLS	FOOT	258	
51203200	TEST PILE METAL SHELLS	EACH	2	
51204315	CONCRETE ENCASEMENT	CUYD	2	
51500100	NAME PLATES	EACH	1	
542D0223	NAME PLATES PIPE CULVERT CLASS D TYPE 1 18"	FOOT	72	
63100075	TRAFFIC BARRIER TERMINAL TYPE 5A	EACH	2	
63100167	TRAFFIC BARRIER TERMINAL TYPE 1 (TANGENT)	EACH	2	
67100100	MOBILIZATION	LSUM	1	
78200410	GUARDRAIL MARKER TYPE A	EACH	6	
78201000	TERMINAL MARKER DIRECT APPLIED	EACH	4	

* SEE SPECIAL PROVISIONS

EARTHWORK SCHEDULE

1 LOCATION	2 EARTH EXCAVATION	3 EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	4 EMBANKMENT	5 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard
Sta. 10+00 to Sta. 14+50	464 170	348	708	- 360
Sta. 15+41 to Sta. 20+00 Total	432 896	324 672	303	+21

* Channel Ex. Unsuitable for use as fill.

Column 1,2, &4 - Location and Quantities from Cross Sections, Cut = Earth Excavation Fill = Embankment

Column 3 - Quantity of Earth Excavation (Cut) Adjusted for a shrinkage factor of 25% Column 5 - Earthwork Balance (-) = Quantity of Furnished Excavation needed Earthwork Balance (+) = Quantity of Earth Excavation Adjusted for shrinkage to be wasted

GENERAL NOTES

- for Road and Bridge Construction" adopted January 1, 2002; the Supplmental Specifications and recurring Special Provisions " adopted . March 1, 2005 and the Special Provisions included in the proposal.
- 2. Temporary erosion control to be implemented per the plans and as directed by the engineer.
- 3. The contractor shall provide postive drainage at all times within the construction areas and prevent drainage or ponding of water onto private property.

4. The following application rates have ben used to calculate the items necessary for seeding class 2 : Fertilizer Nutrients:

Nitrogen 90 lbs per acre

Phosphorous 90 lbs per acre

Potassium 90 lbs per acre

Mulch 2 tons per acre

The seeding mixture shall confrom to roadside mixture type 2, during the period between November 1 and December 1. The contractor shall substitute 10 pounds of perennial rye for 48 pounds of oats, spring.

5. Only trees or shrubs marked for removal by the engineer shall be removed by the contractor.

6. All distrubed earth surfaces within the limits of the R.O.W. and easements shall be seeded as directed by the engineer.

- 7. 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 marks and monuments until the owner, an authorized surveyor or agent has witnessed or otherwise referenced their location.
- 8. The contractor shall consult with the engineer in regard to the exact lengths of pipe culverts prior to ordering these items.

THE UPCHURCH GROUP engineers surveyors environmental consultants rchitects

HILLSIDE, IL. (708) 449-2321 MATTOON, IL. (217) 235-3177

TR183 99-01	CTION COUNTY	TOTAL	SHEET NO.
	1120-00-BR SHELB	Y 14	2
STA. 10+00	D TO STA. 2	20+00	

1. This section shall be constructed in accordance with the plans, the "Standard Specifications

REVISIONS NAME DATE			
NAME	DATE		

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES TR 183 OVER CLEAR CREEK SECTION 99-01120-00-BR SHELBY COUNTY STA. 14+95 STRUCTURE NO. 087-3516 SCALE: N.T.S. DRAWN BY BJF DATE 04/08/03

CHECKED BY ---