

**15-MILE BAYOU  
COUNTY BRIDGE AT MILE 13.80  
ST. FRANCIS COUNTY, ARKANSAS**

**DACW66-03-B-0016**

**ESTIMATED Bridge Quantities**

1	Clearing & Grubbing	Overbank Clearing*	5 AC	
		Underbank Clearing	600 LF	(Along channel banks)
2	Excavation	Channel (Cut):	7,911 BCY	
		Abutments	70 BCY	
3	Roadway & Field Access Ramp Embankments	Cut:	0 BCY	
		Fill:	2,205 ECY	(less agg. Surfacing)
4	Aggregate Surfacing		441 CCY	(245 Tons)
5	Finish Dressing, Fertilizing, Seeding & Mulching		5 AC	
6	Filter Material		895 TN	
7	Riprap, "R 90"		1,780 TN	
8	Grout for Riprap		7 CY	(Assumed from plans 256 SF, average penetration depth of about 6" - 9")
9	Concrete Piling, Precast, Prestressed 14-inch square	Purchase	2,530 LF	
		% Driven	76 %	
10	Cast-in-Place Structural Concrete	3,000 PSI Concrete	85 CY	(includes curbs)
		Reinforcing Steel	9,731 LBS	
		Form & Strip	4,001 SF	(includes curbs)
		Finishing	934 SF	
		Curing	3,807 SF	
11	Corrugated Metal Pipe, 30-Inch	Purchase & Install	100 LF	
12	Guardrail	Purchase & Install	646 LF	
13	Environmental Protection		1,100 LF	
14	Bridge at Mile 13.80	Pre-Cast Deck Beams	63 EA	
		Grouting, Keys	156 CF	
		Drill Holes	252 EA	(Drill 9"/Hole or 189')
		Epoxy Grout Holes	76 CF	(0.2882 CF/Hole)
		1/2" Expansion Joint Material	350 SF	
		Joint Sealer	236 LF	
		Backfill Around Abutments	172 BCY	(Within 2' of Structure)
15	Temporary Bridge		1 LS	

All quantities such as concrete, grout, etc include 5% for waste. Reinforcing steel includes 10% for bends and ties. Forming includes 5% extra to cover overlaps and any extra material that may be needed.

\*All overbank areas have been under recent cultivation.

It is to be expressly understood that the accuracy of these estimates is in no way warranted and that the furnishing of this information to a bidder will not relieve him of his responsibility to estimate the quantities involved. It is further to be expressly understood that in no case will such estimate be used as a basis of claim against the Government.