

QUANTITY SHEET



SUMMARY OF ESTIMATED QUANTITIES											TOTALS			DESCRIPTORS			DETAILED SUMMARY OF QUANTITIES		
BRIDGE											ROUND	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	QUANTITIES	UNIT	ITEMS
Roadway	Super-Structure	Abutment #1	Abutment #2	Approach Slabs	Rise Slabs		Erosion Control	Full C & E	Employee Training	BRIDGE QUANTITY									
15												1.5	1.5	HA	CLEARING AND GRUBBING (including individual Trees And Stumps)	201.11			
8600												6900	8207	CM	COMMON EXCAVATION	203.15			
100												100	346.5	CM	SOLID ROCK EXCAVATION	203.16			
320												520	261.4	CM	EXCAVATION OF SURFACES AND PAVEMENTS	203.26			
22270												22270	23093	CM	EARTH BORROW	203.30			
2065												2065	1976.6	CM	SAND BORROW	203.31			
3720												3720	7453.7	CM	GRANULAR BORROW	203.32			
171 358												171	368	CM	TRENCH EXCAVATION OF EARTH	204.20			
40												40	72.7	CM	GRANULAR BACKFILL FOR STRUCTURES	204.30			
185												185	216.0	SM	COLD PLANING-BIT PAVEMENT	210.10			
2790												2790	2804.4	CM	SUBBASE OF CRUSHED GRAVEL (COARSE GRADED)	301.25			
25												25	22.9	CM	AGGREGATE SURFACE COURSE	401.10			
670												670	2706	KG	EMULSIFIED ASPHALT	404.65			
1937												1937	1963.8	T	BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	406.25			
	119			4		10						119	132.94	CM	CONCRETE, CLASS A (HPC-A)	501.22			
16 19,03			40 + 43 + 48 + 50 = 199.98									16	219.01	CM	CONCRETE, CLASS B (HPC-B)	501.26			
38												38	39.29	CM	CONCRETE CLASS D (MOD)	501.31			
69												69	68.69	SM	PERMANENT STEEL SHEET PILING	505.35			
720												720	131	SM	TEMPORARY STEEL SHEET PILING (MOD)	506.36			
	74732											74732	74815	KG	STRUCTURAL STEEL (PLATE GIRDER)	506.55			
	100											100	108	KG	STRUCTURAL STEEL	506.60			
				10.6								10.6	9.60	M	DRAIN TROUGH (MOD)	506.80			
785 827		1924 + 2093 = 3963										785	4790	KG	REINFORCING STEEL	507.15			
	14825	233	233	4166		4556						14825	25426	KG	EPOXY COATED REINFORCING STEEL	507.17			
	1											1	1	LS	SHEAR CONNECTORS (1260 - 22 Dia. x 176)	508.15			
	1											1	1	LS	STRUCTURAL PAINTING, SHOP APPLIED (4.1 Metric Tons)	513.25			
	1											1	1	LS	SURFACE PREPARATION, SHOP (4.1 Metric Tons)	513.40			
	39	35		52								39	126	L	WATER REPELLENT	514.10			
				12,200								12,200	12.12	M	BRIDGE EXPANSION JOINT	515.10			
	382				116							382	10.78	M	BRIDGE EXPANSION JOINT (MOD) ASPHALTIC PLUG JOINT C.O. #8 II-17-03	516.10			
												498	493.7	SM	SHEET MEMBRANE WATERPROOFING (MOD - TORCH APPLIED)	519.20			
	31.3			7		22.7						31.3	63	M	JOINT SEALER, POLYURETHANE	524.21			
	167											167	166.97	M	BRIDGE RAILING - NETC 2 RAIL	525.33			
		216 222 494 491.4										710	713.40	SM	MECHANICALLY STABILIZED EARTH (MSE) WALL	526.30			
1												1	1	LS	MAINTENANCE OF TRAFFIC FOR BRIDGE PROJECTS	527.10			
	1030											1030	1030	SM	REMOVAL OF BRIDGE PAVEMENT	529.10			
	1											1	1	EACH	REMOVAL OF STRUCTURE	529.15			
		5										5	5	EACH	BEARING DEVICE ASSEMBLY (FIXED)	531.10			
				5								5	5	EACH	BEARING DEVICE ASSEMBLY (EXPANSION)	531.10			
1												1	1	LS	CULVERT LINING (450 w/ PVC LINER)	575.20			
1												1	1	LS	CULVERT LINING (600 w/ PVC LINER)	575.20			
1												1	1	LS	CULVERT LINING (900 w/ GROUTED PEP LINER)	575.20			
101.4												101.4	101.4	M	**BEGIN 450 mm PIPE OPTIONS**				
101.4												101.4	101.4	M	450 mm CAAP 2.67 mm (63 mm X 12 mm)	601.0217			
101.4												101.4	101.4	M	450 mm PCCSP 2.01 mm (63 mm X 12 mm)	601.0416			
												101.4	101.4	M	450 mm CPEP	601.0616			
												101.4	101.4	M	**END 450 mm PIPE OPTIONS**				

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