

# QUANTITY SHEET #1

SUMMARY OF ESTIMATED QUANTITIES													TOTALS		DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES		
FULL E & C	ROADWAY	EROSION CONTROL	TRAINING	ABUT. NO. 1	ABUT. NO. 2	APPROACH SLAB NO. 1	APPROACH SLAB NO. 2	BRIDGE	BRIDGE QUANTITY	ROUND	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	QUANTITIES	UNIT	ITEMS		
	1										1	1	LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES & STUMPS	201.10					
	750										750	679.70	CY	COMMON EXCAVATION	203.15					
	80										80	70.70	CY	SAND BORROW	203.31					
	20	10									30	21.10	CY	TRENCH EXCAVATION OF EARTH	204.20					
	10										10	0	CY	TRENCH EXCAVATION OF ROCK	204.21					
								30	30		30	41.25	CY	STRUCTURE EXCAVATION	204.25					
								30	30		30	41.25	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30					
	180										180	183.33	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10					
	680	10									690	715.10	CY	SUBBASE OF CRUSHED GRAVEL, COARSE GRADED	301.25					
	30										30	30.34	CY	AGGREGATE SURFACE COURSE	401.10					
	2.6					0.1	0.1	0.6	0.8		3.4	3.4	CWT	EMULSIFIED ASPHALT	404.65					
	320					9	9	69	87		407	440.88	TON	BITUMINOUS CONCRETE PAVEMENT (PG 58-28)	406.25					
				3				117	120		120	118.14	CY	CONCRETE, HIGH PERFORMANCE CLASS A	501.33					
				63	42	23	23		151		151	313.44	CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34					
								1	1		1	1	LS	SHORING SUPERSTRUCTURE	502.10					
								103330	103330		103330	981.96	LB	STRUCTURAL STEEL, ROLLED BEAM	506.50					
								4970	4970		4970	4650	LB	STRUCTURAL STEEL, PLATE GIRDER	508.55					
								54780	54780		54780	67692	LB	STRUCTURAL STEEL	508.60					
				11280	8830				20110		20110	211.09	LB	REINFORCNG STEEL	507.15					
				310	270				580		580	641	LF	DRILLING AND GROUTING DOWELS	507.16					
				710	160	3020	3020	24190	31100		31100	311.93	LB	EPOXY COATED REINFORCING STEEL	507.17					
								1	1		1	1	LS	SHEAR CONNECTORS ( 1770 - 7/8" X 6")	508.15					
								1	1		1	1	LS	STRUCTURAL PAINTING, SHOP APPLIED ( 80 TONS)	513.25					
								1	1		1	1	LS	STRUCTURAL PAINTING, FIELD APPLIED (40 TONS)	513.30					
								1	1		1	1	LS	CONTAINMENT & ENVIRONMENTAL PROTECTION, FIELD	513.36					
								1	1		1	1	LS	SURFACE PREPARATION, SHOP ( 80 TONS)	513.40					
								1	1		1	1	LS	SURFACE PREPARATION, FIELD ( 40 TONS)	513.41					
					10	10		5	25		25	25	GAL	WATER REPELLENT, SILANE	514.10					
								38	38		38	40.5	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10					
								38	38		38	38	LF	BRIDGE EXPANSION JOINT, VERMONT	516.11					
								438	438		438	411.44	SY	SHEET MEMBRANE WATERPROOFING, TORCH APPLIED	519.20					
								440	440		440	433.8	SY	REMOVAL OF BRIDGE PAVEMENT	529.10					
								1	1		1	1	EACH	PARTIAL REMOVAL OF STRUCTURE	529.20					
				83	65				148		148	159.79	CY	REMOVAL OF CONCRETE OR MASONRY	529.25					
								12	12		12	12	EACH	BEARING DEVICE ASSEMBLY, PREFORMED FABRIC PAD	531.10					
								4	4		4	4	EACH	BEARING DEVICE ASSEMBLY, STEEL	531.13					
	40										40	0	LF	BEGIN OPTION AA 18" CSP .064 (2-2/3 X 1/2)	601.0015					
	40										40	0	LF	18" RCP CLASS III	601.0815					
	40										40	40	LF	18" CPEP (SL)	601.2615					
														END OPTION AA						
	1										1	0	EACH	PRC REINFORCED CONCRETE DROP INLET w/ CAST IRON GRATE	604.18					

**TEMPORARY EROSION CONTROL ITEMS**  
(INCLUDED UNDER EROSION CONTROL)

10	CY	ITEM 204.20 TRENCH EXCAVATION OF EARTH
10	CY	ITEM 301.25 SUBBASE OF CRUSHED GRAVEL, COARSE GRADE
10	HR	ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I
10	CY	ITEM 613.10 STONE FILL, TYPE I
70	SY	ITEM 649.51 GEOTEXTILE FOR SILT FENCE
230	SY	ITEM 649.61 GEOTEXTILE FOR FILTER CURTAIN
10	LB	ITEM 651.17 SEED, WINTER RYE
1	TON	ITEM 651.25 HAY MULCH
80	SY	ITEM 653.20 TEMPORARY EROSION MATTING

**EARTHWORKS SUMMARY**

FILL AVAILABLE:		
750	CY	COMMON EXCAVATION: 750 * 1.0
18	CY	TRENCH EXCAVATION OF EARTH: 30 * 0.6
6	CY	TRENCH EXCAVATION OF ROCK: 10 * 0.6
18	CY	STRUCTURE EXCAVATION: 30 * 0.6
792	CY	SUBTOTAL
8	CY	ROUNDING
800	CY	TOTAL
800	CY	FILL AVAILABLE
20	CY	FILL REQUIRED
780	CY	WASTE

PROJECT NAME: **SPRINGFIELD**  
PROJECT NUMBER: **BHO 1442(30)**  
FILE NAME: s96j348qs.xls  
PROJECT MANAGER: R. WHITCOMB  
DESIGNED BY: J. PERRIGO  
QUANTITY SHEET #1  
PLOT DATE: 12/18/2007  
DRAWN BY: L. BULLOCK  
CHECKED BY: C. CARLSON  
SHEET 4 OF 85