

Appendix I-F

Bond Quantities Worksheet

SITE IMPROVEMENT BOND QUANTITY WORKSHEET

Item	Quantity	Unit	Unit Price	Amount
EROSION/SEDIMENT CONTROL				
Backfill & compaction-embankment		CY		
Check dams, 4" minus rock		Each		
Crushed surfacing 1-1/4" minus		CY		
Ditching		CY		
Excavation-bulk		CY		
Fence, silt		LF		
Fence, Temporary (NGPE)		LF		
Hydroseeding		SY		
Jute Mesh		SY		
Mulch, by hand, straw, 3" deep		SY		
Mulch, by machine, straw, 2" deep		SY		
Piping, temporary, CPP, 6"		LF		
Piping, temporary, CPP, 8"		LF		
Piping, temporary, CPP, 12"		LF		
Plastic covering, 6mm thick, sandbagged		SY		
Rip Rap, machine placed; slopes		CY		
Rock Construction Entrance, 50'x15'x1'		Each		
Rock Construction Entrance, 100'x15'x1'		Each		
Sediment pond riser assembly		Each		
Sediment trap, 5' high berm		LF		
Sed. Trap, 5' high, raprapped spillway berm section		LF		
Seeding, by hand		SY		
Sodding, 1" deep, level ground		SY		
Sodding, 1" deep, sloped ground		SY		
TESC Supervisor		HR		
Water truck, dust control		HR		
GENERAL ITEMS				
Backfill & Compaction-embankment		CY		
Backfill & Compaction-trench		CY		
Clear/Remove Brush, by hand		SY		
Clearing/Grubbing/Tree Removal		Acre		
Excavation-bulk		CY		
Excavation-trench		CY		
Fencing, cedar, 6' high		LF		
Fencing, chain link, gate, vinyl coated, 6' high		LF		
Fencing, chain link, gate, vinyl coated, 20'		Each		
Fencing, split rail, 3' high		LF		

SITE IMPROVEMENT BOND QUANTITY WORKSHEET

Item	Quantity	Unit	Unit Price	Amount
Fill & compact - common borrow		CY		
Fill & compact - gravel base		CY		
Fill & compact - screened topsoil		CY		
Gabion, 12" deep, stone-filled mesh		SY		
Gabion, 18" deep, stone-filled mesh		SY		
Gabion, 36" deep, stone-filled mesh		SY		
Grading, fine, by hand		SY		
Grading, fine, with grader		SY		
Monuments, 3' long		Each		
Sensitive Areas Sign		Each		
Sodding, 1" deep, sloped ground		SY		
Surveying, line & grade		Day		
Surveying, lot location/lines		Acre		
Traffic control crew (2 flaggers)		HR		
Trail, 4" chipped wood		SY		
Trail, 4" crushed cinder		SY		
Trail, 4" top course		SY		
Wall, retaining concrete		SF		
Wall, rockery		SF		
ROAD IMPROVEMENT				
AC Grinding, 4' wide machine <1000sy		SY		
AC Grinding, 4' wide machine 1000-2000sy		SY		
AC Grinding, 4' wide machine >2000sy		SY		
AC Removal/Disposal/Repair		SY		
Barricade, type I		LF		
Barricade, type III (Permanent)		LF		
Curb and Gutter, rolled		LF		
Curb and Gutter, vertical		LF		
Curb and Gutter, demolition and disposal		LF		
Curb, extruded asphalt		LF		
Curb, extruded concrete		LF		
Sawcut, asphalt, 3" depth		LF		
Sawcut, concrete, per 1" depth		LF		
Sealant, asphalt		LF		
Shoulder, AC, (see AC road unit price)		SY		
Shoulder, gravel, 4" thick		SY		
Sidewalk, 4" thick		SY		
Sidewalk, 4" thick, demolition and disposal		SY		
Sidewalk, 5" thck		SY		

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Item	Quantity	Unit	Unit Price	Amount
Sidewalk, 5" thick, demolition and disposal		SY		
Sign, handicap		Each		
Striping, per stall		Each		
Striping, thermoplastic, (for crosswalk)		SF		
Striping, 4" reflectorized line		LF		
ROAD SURFACING (4" Rock = 2.5" base & 1.5" top course) For '93 KCRS (6.5" Rock = 5" base & 1.5" top course)				
For KCRS '93, (additional 2.5" base) add:		SY		
AC Overlay, 1.5" AC		SY		
AC Overlay, 2" AC		SY		
AC Road, 2", 4" rock, First 2500 SY		SY		
AC Road, 2", 4" rock, Qty. over 2500 SY		SY		
AC Road, 3", 4" rock, First 2500 SY		SY		
AC Road, 3", 4" rock, Qty. over 2500 SY		SY		
AC Road, 5", First 2500 SY		SY		
AC Road, 5", Qty. over 2500 SY		SY		
AC Road, 6", First 2500 SY		Sy		
AC Road, 6", Qty. over 2500 SY		SY		
Asphalt Treated Base, 4" thick		SY		
Gravel Road, 4" rock, First 2500 SY		SY		
Gravel Road, 4" rock, Qty. over 2500 SY		SY		
PCC Road, 5", no base, over 2500 SY		SY		
PCC Road, 6", no base, over 2500 SY		SY		
Thickened Edge		LF		
DRAINAGE (CPP = Corrugated Plastic Pipe, N12 or equivalent). For Culvert prices, average of 4' cover was assumed. Assume perforated PVC is same price as solid pipe.				
Access Road, R/D		SY		
Bollards - fixed		Each		
Bollards - removable		Each		
*(CBs include frame and lid)				
CB Type I		Each		
CB Type IL		Each		
CB Type II, 48" diameter		Each		
for additional depth over 4'		FT		
CB Type II, 54" diameter		Each		
for additional depth over 4'		FT		
CB Type II, 60" diameter		Each		
for additional depth over 4'		FT		
CB Type II, 72" diameter		Each		
for additional depth over 4'		FT		

SITE IMPROVEMENT BOND QUANTITY WORKSHEET

Item	Quantity	Unit	Unit Price	Amount
Through-curb Inlet Framework (Add)		Each		
Cleanout, PVC, 4"		Each		
Cleanout, PVC, 6"		Each		
Cleanout, PVC, 8"		Each		
Culvert, PVC, 4"		LF		
Culvert, PVC, 6"		LF		
Culvert, PVC, 8"		LF		
Culvert, PVC, 12"		LF		
Culvert, CMP, 8"		LF		
Culvert, CMP, 12"		LF		
Culvert, CMP, 15"		LF		
Culvert, CMP, 18"		LF		
Culvert, CMP, 24"		LF		
Culvert, CMP, 30"		LF		
Culvert, CMP, 36"		LF		
Culvert, CMP, 48"		LF		
Culvert, CMP, 60"		LF		
Culvert, CMP, 72"		LF		
Culvert, Concrete, 8"		LF		
Culvert, Concrete, 12"		LF		
Culvert, Concrete, 15"		LF		
Culvert, Concrete, 18"		LF		
Culvert, Concrete, 24"		LF		
Culvert, Concrete, 30"		LF		
Culvert, Concrete, 36"		LF		
Culvert, Concrete, 42"		LF		
Culvert, Concrete, 48"		LF		
Culvert, CPP, 6"		LF		
Culvert, CPP, 8"		LF		
Culvert, CPP, 12"		LF		
Culvert, CPP, 15"		LF		
Culvert, CPP, 18"		LF		
Culvert, CPP, 24"		LF		
Culvert, CPP, 30"		LF		
Culvert, CPP, 36"		LF		
Ditching		CY		
Flow Dispersal Trench (1,436 base+)		LF		
French Drain (3" depth)		LF		

