

## Appendix F Bond ~~Qualities~~ Quantity Worksheet

| SITE IMPROVEMENT BOND QUANTITY WORKSHEET            |          |      |            |        |
|---|----------|------|------------|--------|
| Item  | Quantity | Unit | Unit Price | Amount |
| <b>EROSION/SEDIMENT CONTROL</b>                     |          |      |            |        |
| 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   |            |        |
| <b>GENERAL ITEMS</b>                                |          |      |            |        |
| 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   |            |        |

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|---|-----------------|-------------|-------------------|---------------|
| <b>Item</b>                                     | <b>Quantity</b> | <b>Unit</b> | <b>Unit Price</b> | <b>Amount</b> |
| Fill & compact - common barrow                  |                 | 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          |                   |               |
| <b>ROAD IMPROVEMENT</b>                         |                 |             |                   |               |
| 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   |            |        |
| <b>ROAD SURFACING</b> (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   |            |        |
| <b>DRAINAGE</b> (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   |            |        |

