

## SUMMARY OF QUANTITIES

**PROJECT: 614-1-3720; 21st St. North Bridge Over North Fork Ninnescah River (B503)**

**Bridge, Grading, Surfacing, Pavement**

**TYPE OF WORK: Marking, Seeding, Guardrail, RCB**

| Bidding Item                                | Approx. Quantity | Unit     |
|---|------------------|----------|
| CONTRACTOR CONSTRUCTION STAKING             | 1                | LUMP SUM |
| FIELD OFFICE                                | 1                | EACH     |
| FOUNDATION STABILIZATION (SET PRICE)        | 1                | C.Y.     |
| MOBILIZATION                                | 1                | LUMP SUM |
| REMOVAL OF EXISTING STRUCTURES              | 1                | LUMP SUM |
| CONCRETE FOR SEAL COURSE (SET PRICE)        | 1                | C.Y.     |
| CLEARING AND GRUBBING                       | 1                | LUMP SUM |
| COMMON EXCAVATION                           | 292              | C.Y.     |
| COMMON EXCAVATION (CONTRACTOR FURNISHED)    | 145              | C.Y.     |
| ROCK EXCAVATION                             | 307              | C.Y.     |
| COMPACTION OF EARTHWORK (TYPE B) (MR-90)    | 400              | C.Y.     |
| WATER (GRADING) (SET PRICE)                 | 1                | M. GAL.  |
| GUARDRAIL, STEEL PLATE (MGS)                | 350              | LIN.FT.  |
| GUARDRAIL, END TERMINAL (MGS-FLEAT)         | 4                | EACH     |
| CONCRETE PAVEMENT (10" UNIFORM)(AE)(BR APP) | 329              | S.Y.     |
| BRIDGE APPROACH SLAB FOOTING                | 45.4             | C.Y.     |
| AGGREGATE BASE (SPECIAL) (6")               | 1702.7           | S.Y.     |
| TEMPORARY SEEDING                           | 1                | LUMP SUM |
| EROSION CONTROL (CLASS 1, TYPE D)           | 259              | S.Y.     |
| EROSION CONTROL (CLASS 2, TYPE E)           | 112              | S.Y.     |
| SEDIMENT REMOVAL (SET PRICE)                | 1                | C.Y.     |
| TEMPORARY BERM (SET PRICE)                  | 1                | LIN.FT.  |
| TEMPORARY STREAM CROSSING                   | 1                | EACH     |
| BIODEGRADABLE LOG (12")                     | 365              | LIN.FT.  |

|   |        |          |
|---|--------|----------|
| SILT FENCE  | 365    | LIN.FT.  |
| SWPPP DESIGN  | 1      | LUMP SUM |
| MULCH TACKING SLURRY  | 283.5  | LBS.     |
| MULCHING  | 0.63   | TONS     |
| WATER (EROSION CONTROL) (SET PRICE)                           | 1      | M. GAL.  |
| HOT MIX ASPHALT MIXTURE-COMMERCIAL GRADE                      | 549.4  | TONS     |
| AGGREGATE FOR SHOULDERS (AS-1) (4")                           | 142.1  | TONS     |
| SURFACING MATERIAL (AS-1) (6")                                | 208.8  | TONS     |
| SIGNING OBJECT MARKER (TYPE 2)                                | 4      | EACH     |
| PAVEMENT MARKING (METHYL METHACRYLATE) (WHITE) (4") (0.090")  | 1150   | LIN.FT.  |
| PAVEMENT MARKING (METHYL METHACRYLATE) (YELLOW) (4") (0.090") | 144    | LIN.FT.  |
| SEEDING   | 1      | LUMP SUM |
| TRAFFIC CONTROL   | 1      | LUMP SUM |
| <b>BOX CULVERT ITEMS</b>                                      |        |          |
| CONCRETE (GRADE 4.0)  | 56.9   | C.Y.     |
| CONCRETE (GRADE 4.0) (AE)                                     | 31.5   | C.Y.     |
| BRIDGE BACKWALL PROTECTION SYSTEM                             | 157    | S.Y.     |
| REINFORCING STEEL (GR. 60)                                    | 950    | LBS.     |
| REINFORCING STEEL (GR. 60) (EPOXY COATED)                     | 15120  | LBS.     |
| FOUNDATION STABILIZATION                                      | 33     | C.Y.     |
| CONCRETE FOR SEAL COURSE (SET)                                | 1      | C.Y.     |
| GRANULAR BACKFILL (WINGWALLS)                                 | 16     | C.Y.     |
| <b>BRIDGE ITEMS</b>   |        |          |
| EXCAVATION, CLASS   | 134    | C.Y.     |
| EXCAVATION, CLASS   | 110    | C.Y.     |
| CONCRETE (GRADE 4.0) (AE) (SA)                                | 504.1  | C.Y.     |
| CONCRETE (GRADE 4.0) (AE)                                     | 135.3  | C.Y.     |
| REINFORCING STEEL (GR. 60) (EPOXY COATED)                     | 142030 | LBS.     |
| REINFORCING STEEL (GR. 60)                                    | 6510   | LBS.     |
| PILES (STEEL) (HP10X42)                                       | 1086   | LIN.FT.  |
| TEST PILES (SPECIAL) (HP10X42)                                | 74     | LIN.FT.  |
| CAST STEEL PILE POINTS  | 40     | EACH     |

|                                   |     |         |
|-----------------------------------|-----|---------|
| PRE-DRILLED PILE HOLES            | 501 | LIN.FT. |
| BRIDGE BACKWALL PROTECTION SYSTEM | 50  | S.Y.    |
| ABUTMENT AGGREGATE DRAIN          | 44  | S.Y.    |
| SLOPE PROTECTION (RIPRAP STONE)   | 176 | C.Y.    |
| BRIDGE DECK GROOVING              | 657 | S.Y.    |