

# QUANTITY SHEET 1

## SUMMARY OF ESTIMATED QUANTITIES

| EROSION CONTROL | BRIDGE | FULL C.E. | ROADWAY | QUANTITIES GRAND TOTAL | UNIT | ITEMS  | ITEM NO. | ROUNDING |
|-----------------|--------|-----------|---------|------------------------|------|--|----------|----------|
|                 |        |           | 1       | 1                      | LS   | CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS | 201.10   | -        |
|                 |        |           | 120     | 120                    | CY   | COMMON EXCAVATION  | 203.15   | 12       |
|                 | 110    |           | 10      | 120                    | CY   | SOLID ROCK EXCAVATION  | 203.16   | 5        |
|                 |        |           | 45      | 45                     | CY   | TRENCH EXCAVATION OF EARTH                                   | 204.20   | 2.2      |
|                 |        |           | 3       | 3                      | CY   | TRENCH EXCAVATION OF ROCK                                    | 204.21   | 0.6      |
|                 |        |           | 1       | 1                      | CY   | TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)           | 204.22   | EST.     |
|                 | 640    |           |         | 640                    | CY   | STRUCTURE EXCAVATION   | 204.25   | 2        |
|                 | 320    |           |         | 320                    | CY   | GRANULAR BACKFILL FOR STRUCTURES                             | 204.30   | 8        |
|                 |        |           | 300     | 300                    | SY   | COLD PLANING, BITUMINOUS PAVEMENT                            | 210.10   | 7        |
|                 |        |           | 25      | 25                     | CY   | SUBBASE OF DENSE GRADED CRUSHED STONE                        | 301.35   | 2        |
|                 |        |           | 1       | 1                      | LU   | PRICE ADJUSTMENT ASPHALT CEMENT (N.A.B.I.)                   | 406.50   | -        |
|                 | 20     |           |         | 20                     | CY   | CONCRETE, HIGH PERFORMANCE CLASS A                           | 501.33   | 1        |
|                 | 77     |           | 3       | 80                     | CY   | CONCRETE, HIGH PERFORMANCE CLASS B                           | 501.34   | -        |
|                 | 15,400 |           |         | 15,400                 | LB   | STRUCTURAL STEEL, ROLLED BEAM                                | 506.50   | 7        |
|                 | 8,390  |           | 215     | 8,605                  | LB   | REINFORCING STEEL, LEVEL I                                   | 507.11   | 9        |
|                 | 6,405  |           |         | 6,405                  | LB   | REINFORCING STEEL, LEVEL III                                 | 507.13   | 2        |
|                 | 50     |           |         | 50                     | LF   | DRILLING AND GROUTING DOWELS                                 | 507.16   | 3        |
|                 | 1      |           |         | 1                      | LS   | SHEAR CONNECTORS (244 - 7/8" x 6")                           | 508.15   | -        |
|                 | 10     |           |         | 10                     | GAL  | WATER REPELLENT, SILANE                                      | 514.10   | -        |
|                 | 31     |           |         | 31                     | LF   | JOINT SEALER, HOT POURED                                     | 524.11   | 0.2      |
|                 | 99     |           |         | 99                     | LF   | BRIDGE RAILING, GALVANIZED 4 RAIL BOX BEAM (COATED BLACK)    | 525.34   | 0.5      |
|                 | 1      |           |         | 1                      | EACH | REMOVAL OF STRUCTURE (200 SF - EST.)                         | 529.15   | -        |
|                 | 1      |           |         | 1                      | EACH | PARTIAL REMOVAL OF STRUCTURE                                 | 529.20   | -        |
|                 | 30     |           |         | 30                     | CY   | REMOVAL OF CONCRETE OR MASONRY                               | 529.25   | 4        |
|                 | 4      |           |         | 4                      | EACH | BEARING DEVICE ASSEMBLY, STEEL REINFORCED ELASTOMERIC PAD    | 531.17   | -        |
|                 | 20     |           |         | 20                     | CY   | CONCRETE, CLASS C  | 541.30   | EST.     |
|                 |        |           | 12      | 12                     | LF   | 15" CPEP   | 601.0910 | -        |
|                 | 200    |           |         | 200                    | CY   | DRY MASONRY  | 602.20   | 7        |
|                 |        |           | 1       | 1                      | EACH | CAST IRON GRATE WITH FRAME, TYPE D                           | 604.47   | -        |
|                 |        |           | 58      | 58                     | LF   | 6 INCH UNDERDRAIN PIPE                                       | 605.10   | 2        |
|                 |        |           | 36      | 36                     | LF   | 6 INCH UNDERDRAIN CARRIER PIPE                               | 605.20   | 1.8      |
|                 |        |           | 14      | 14                     | LF   | 12 INCH UNDERDRAIN CARRIER PIPE                              | 605.23   | 1.7      |
|                 |        |           | 2       | 2                      | EACH | UNDERDRAIN FLUSHING BASIN                                    | 605.95   | -        |
|                 |        |           | 60      | 60                     | CY   | STONE FILL, TYPE II  | 613.11   | 10       |
|                 |        |           | 130     | 130                    | LF   | VERTICAL GRANITE CURB  | 616.21   | 0.5      |
|                 |        |           | 55      | 55                     | LF   | REMOVAL OF EXISTING CURB                                     | 616.41   | 0.1      |
|                 |        |           | 8       | 8                      | TON  | BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS              | 616.47   | 1        |
|                 |        |           | 55      | 55                     | SY   | PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH                    | 618.10   | 2.7      |

## DETAILED SUMMARY OF QUANTITIES

| QUANTITIES | UNIT | ITEMS                                      |
|------------|------|--|
|            |      | COMMON EXCAVATION                          |
| 100        | CY   | PEDESTRIAN BRIDGE/SIDEWALK                 |
| 8          | CY   | RED MILL DRIVE                             |
| 12         | CY   | ROUNDING                                   |
| 120        | CY   | TOTAL                                      |
|            |      | COLD PLANING, BITUMINOUS PAVEMENT          |
| 74         | SY   | PEDESTRIAN BRIDGE/SIDEWALK - WEST APPROACH |
| 128        | SY   | PEDESTRIAN BRIDGE/SIDEWALK - EAST APPROACH |
| 91         | SY   | RED MILL DRIVE                             |
| 7          | SY   | ROUNDING                                   |
| 300        | SY   | TOTAL                                      |
|            |      | SUBBASE OF DENSE GRADED CRUSHED STONE      |
| 17         | CY   | PEDESTRIAN BRIDGE/SIDEWALK                 |
| 6          | CY   | RED MILL DRIVE                             |
| 2          | CY   | ROUNDING                                   |
| 25         | CY   | TOTAL                                      |
|            |      | TRENCH EXCAVATION OF EARTH                 |
| 12.5       | CY   | DRAINAGE STRUCTURES                        |
| 7.1        | CY   | PIPE                                       |
| 17.7       | CY   | PEDESTRIAN BRIDGE/SIDEWALK                 |
| 5.5        | CY   | RED MILL DRIVE                             |
| 2.2        | CY   | ROUNDING                                   |
| 45         | CY   | TOTAL                                      |

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 DATE/TIME: 4/7/2014  
 USER: a496



**QUANTITY SHEET #1**

PROJECT NAME: JERICO  
 PROJECT NUMBER: STP FTBR (3)

PROJECT LEADER: M.D.S.  
 DESIGNED BY: C.R.H.  
 DWG. NO.: QUAN-1

PLOT DATE: 4/7/2014  
 DRAWN BY: C.R.H.  
 CHECKED BY: D.E.G.  
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