

BRIDGE QUANTITY SHEET



| SUMMARY OF BRIDGE QUANTITIES | | | | | | | | | | TOTALS | | DESCRIPTIONS | | | DETAILED SUMMARY OF QUANTITIES | | | | |
|------------------------------|--|--|--|-----------------|------------|------------|--------|--------|-----------------|-----------------|--------------|--------------|------|---|--------------------------------|--|------------|------|-------|
| | | | | SUPER-STRUCTURE | ABUTMENT 1 | ABUTMENT 2 | PIER 1 | PIER 2 | APPROACH SLAB 1 | APPROACH SLAB 2 | BRIDGE TOTAL | | UNIT | ITEMS | ITEM NUMBER | | QUANTITIES | UNIT | ITEMS |
| | | | | | 854 | 1836 | | | | | 2690 | | CM | UNCLASSIFIED CHANNEL EXCAVATION | 203.27 | | | | |
| | | | | | 350 | 50 | | | | | 400 | | CM | STRUCTURE EXCAVATION | 204.25 | | | | |
| | | | | | 300 | 60 | | | | | 360 | | CM | GRANULAR BACKFILL FOR STRUCTURES | 204.30 | | | | |
| | | | | | | | | 110 | | | 110 | | CM | COFFERDAM EXCAVATION, EARTH | 208.30 | | | | |
| | | | | | | | 25 | 25 | | | 50 | | CM | COFFERDAM EXCAVATION, ROCK | 208.35 | | | | |
| | | | | | | | 1 | | | | 1 | | LS | COFFERDAM (PIER #1) | 208.40 | | | | |
| | | | | | | | | 1 | | | 1 | | LS | COFFERDAM (PIER #2) | 208.40 | | | | |
| | | | | 78 | | | | | 6 | 6 | 90 | | KG | EMULSIFIED ASPHALT | 404.65 | | | | |
| | | | | 141 | | | | | 11 | 11 | 163 | | T | SUPERPAVE BITUMINOUS CONCRETE PAVEMENT | 490.30 | | | | |
| | | | | 206 | 1 | 52 | 37 | 37 | | | 333 | | CM | CONCRETE, HIGH PERFORMANCE CLASS A | 501.33 | | | | |
| | | | | | 150 | | 72 | 80 | 21 | 21 | 344 | | CM | CONCRETE, HIGH PERFORMANCE CLASS B | 501.34 | | | | |
| | | | | | | 1 | | | | | 1 | | LS | FURNISHING EQUIPMENT FOR DRIVING PILING | 504.10 | | | | |
| | | | | | | 56 | | | | | 56 | | M | STEEL PILING, HP 310 X 125 | 505.165 | | | | |
| | | | | | | 1 | | | | | 1 | | EACH | DYNAMIC PILE LOADING TEST | 505.45 | | | | |
| | | | | 95078 | | | | | | | 95078 | | KG | STRUCTURAL STEEL, CURVED PLATE GIRDER | 506.56 | | | | |
| | | | | 119 | | | | | | | 119 | | KG | STRUCTURAL STEEL | 506.60 | | | | |
| | | | | 29157 | 9380 | 5394 | 19891 | 22170 | 1551 | 1460 | 89003 | | KG | REINFORCING STEEL, LEVEL I | 507.11 | | | | |
| | | | | | 30 | | | | | | 30 | | M | DRILLING AND GROUTING DOWELS | 507.16 | | | | |
| | | | | 1 | | | | | | | 1 | | LS | SHEAR CONNECTORS (3034 - 22 X 180) | 508.15 | | | | |
| | | | | 70 | 30 | 20 | 50 | 30 | | | 200 | | L | WATER REPELLENT, SILANE | 514.10 | | | | |
| | | | | 9.3 | | | | | | | 9.3 | | M | BRIDGE EXPANSION JOINT, ASPHALTIC PLUG | 516.10 | | | | |
| | | | | 9.9 | | | | | | | 9.9 | | M | BRIDGE EXPANSION JOINT, VERMONT | 516.11 | | | | |
| | | | | 729 | | | | | | | 729 | | SM | SHEET MEMBRANE WATERPROOFING, TORCH APPLIED | 519.20 | | | | |
| | | | | 157 | | | | | | | 157 | | M | BRIDGE RAILING, GALVANIZED 2 RAIL BOX BEAM | 525.33 | | | | |
| | | | | 1 | | | | | | | 1 | | LS | TWO-WAY TEMPORARY BRIDGE (599 SM - EST.) | 528.11 | | | | |
| | | | | 1 | | | | | | | 1 | | EACH | REMOVAL OF STRUCTURE (378 SM - EST.) | 529.15 | | | | |
| | | | | | | | 4 | 4 | | | 8 | | EACH | BEARING DEVICE ASSEMBLY, HIGH LOAD MULTI-ROTATIONAL | 531.15 | | | | |
| | | | | | 4 | | | | | | 4 | | EACH | BEARING DEVICE ASSEMBLY, STEEL REINFORCED ELASTOMERIC PAD (ABUTMENT 1) | 531.17 | | | | |
| | | | | | | 4 | | | | | 4 | | EACH | BEARING DEVICE ASSEMBLY, STEEL REINFORCED ELASTOMERIC PAD (ABUTMENT 2) | 531.17 | | | | |
| | | | | | 1020 | 710 | | | | | 1730 | | CM | STONE FILL, TYPE IV | 613.13 | | | | |
| | | | | | 614 | 616 | | | | | 1230 | | SM | GEOTEXTILE UNDER STONE FILL | 649.31 | | | | |
| | | | | | | | | 17 | | | 17 | | M | SPECIAL PROVISION (DRILLED SHAFT IN EARTH) (1.15 M) | 900.640 | | | | |
| | | | | | | | 6 | 12 | | | 18 | | M | SPECIAL PROVISION (DRILLED SHAFT IN ROCK) (1.0 M) | 900.640 | | | | |
| | | | | | | | | 4 | | | 4 | | M | SPECIAL PROVISION (DRILLED SHAFT OBSTRUCTION DRILLING AND REMOVAL) (1.15 M) | 900.640 | | | | |
| | | | | | | | 0.5 | 0.5 | | | 1 | | LS | SPECIAL PROVISION (MOBILIZATION OF DRILLED SHAFT EQUIPMENT) | 900.645 | | | | |
| | | | | 1 | | | | | | | 1 | | LS | SPECIAL PROVISION (QC/OA CLEANING AND PAINTING STRUCTURAL COMPONENTS) | 900.645 | | | | |

PROJECT NAME: **Cambridge**
 PROJECT NUMBER: **BRF 027-1 (4)**
 FILE NAME: 78f163quantity.dgn PLOT DATE: 05/22/2012
 PROJECT LEADER: M.Evans-Mongeon DRAWN BY: Evans-Mongeon
 DESIGNED BY: T.Filbach CHECKED BY: S. Scribner
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