

SUMMARY OF ESTIMATED QUANTITIES

| ITEM NO. | ITEM DESCRIPTION | UNIT | CHANNEL | SUPER-STRUCTURE | APPROACH SLAB 1 | ABUTMENT 1 | ABUTMENT 2 | APPROACH SLAB 2 | BRIDGE SUBTOTAL | ROADWAY | EROSION CONTROL | FULL E & C | TRAINING | TOTAL | FINAL | REMARKS |
|----------|---|------|---------|-----------------|-----------------|------------|------------|-----------------|-----------------|---------|-----------------|------------|----------|-------|---------|---------------------|
| 201.10 | CLEARING AND GRUBBING (INCL. INDV. TREES & STUMPS) | LS | | | | | | | | 1 | | | | 1 | 1 | |
| 203.15 | COMMON EXCAVATION | CM | | | | | | | | 2166 | | | | 2166 | 2105.4 | |
| 203.27 | UNCLASSIFIED CHANNEL EXCAVATION | CM | 198 | | | 6 | 6 | | 210 | | | | | 210 | 112.4 | |
| 203.31 | SAND BORROW | CM | | | | | | | | 830 | | | | 830 | 816.5 | |
| 204.20 | TRENCH EXCAVATION OF EARTH | CM | | | | | | | | 122 | 14 | | | 136 | 223.9 | |
| 204.25 | STRUCTURE EXCAVATION | CM | | | | 138 | 138 | | 276 | | | | | 276 | 276 | |
| 204.30 | GRANULAR BACKFILL FOR STRUCTURES | CM | | | | 42 | 42 | | 84 | | | | | 84 | 129.3 | |
| 210.10 | COLD PLANING - BITUMINOUS PAVEMENT | SM | | | | | | | | 318 | | | | 318 | 390.7 | |
| 301.35 | SUBBASE OF DENSE GRADED CRUSHED STONE | CM | | | | | | | | 1484 | 46 | | | 1530 | 1676 | |
| 401.10 | AGGREGATE SURFACE COURSE | CM | | | | | | | | 1 | | | | 1 | 1 | |
| 404.85 | EMULSIFIED ASPHALT | KG | | 21 | 5 | | | 5 | 31 | 360 | | | | 411 | 617 | |
| 408.25 | BITUMINOUS CONCRETE PAVEMENT (PG 58-34) | T | | 51 | 11 | | | 11 | 73 | 1200 | | | | 1273 | 1108.41 | |
| 501.31 | CONCRETE, CLASS D (MOD. - FLOWABLE FILL) | CM | | | | | | | | 14 | | | | 14 | 5.94 | |
| 501.33 | CONCRETE, HIGH PERFORMANCE CLASS A | CM | | 123 | | | | | 123 | | | | | 123 | 126.82 | |
| 501.34 | CONCRETE, HIGH PERFORMANCE CLASS B | CM | | | 24 | 23 | 23 | 24 | 94 | | | | | 94 | 89.94 | |
| 503.20 | PRE-EXCAVATION OF INTEGRAL ABUTMENT PILES | M | | | | 15 | 15 | | 30 | | | | | 30 | 30 | |
| 504.10 | FURNISHING EQUIPMENT FOR DRIVING PILING | LS | | | | 0.5 | 0.5 | | 1 | | | | | 1 | 1 | |
| 505.28 | STEEL PILING FOR INTEGRAL ABUTMENTS (HP 310x125) | M | | | | 105 | 105 | | 210 | | | | | 210 | 445.41 | |
| 505.45 | DYNAMIC PILE LOADING TEST | EA | | | | 1 | 1 | | 2 | | | | | 2 | 2 | |
| 506.50 | STRUCTURAL STEEL (ROLLED BEAM) | KG | | 66970 | | | | | 66970 | | | | | 66970 | 65687 | |
| 507.17 | EPOXY COATED REINFORCING STEEL | KG | | 18080 | 1700 | 3750 | 3750 | 1700 | 29960 | | | | | 29960 | 29938 | |
| 508.15 | SHEAR CONNECTORS (1490 - 22x180) | LS | | 1 | | | | | 1 | | | | | 1 | 1 | |
| 514.10 | WATER REPELLENT (MOD. - SILANE) | L | | 44 | | 2 | 2 | | 48 | | | | | 48 | 48 | |
| 516.10 | BRIDGE EXPANSION JOINT (ASPHALTIC PLUG) | M | | 21 | | | | | 21 | | | | | 21 | 20.27 | |
| 518.20 | SHEET MEMBRANE WATERPROOFING (MOD. - TORCH APPLIED) | SM | | 310 | | | | | 310 | | | | | 310 | 298.6 | |
| 525.33 | BRIDGE RAILING - NETC 2 RAIL | M | | 73 | | | | | 73 | | | | | 73 | 72.80 | |
| 900.545 | SUPPLEMENTAL AGREEMENT 528.11 TWO WAY TEMP. BRIDGE MOD. | LS | | | | | | | | | | | | | 1 | SEE C.O. #1.9/14/06 |
| 528.10 | ONE-WAY TEMPORARY BRIDGE (110 SM-EST) (MOD.) | LS | | 1 | | | | | 1 | | | | | X | 0 | SEE C.O. #1.9/14/06 |

N.A.B.I. = NOT A BID ITEM

| DESCRIPTION | UNIT | TOTAL |
|---|------|-------|
| FILL REQUIRED: | | |
| PLANIMETERED FILL | CM | 1144 |
| FILL FACTOR (0.15) | CM | 171 |
| FACTORED FILL | CM | 1315 |
| MATERIAL AVAILABLE FOR FILL: | | |
| COMMON EXCAVATION (x 1.0) | CM | 2166 |
| UNCLASSIFIED CHANNEL EXCAVATION (x 0.3) | CM | 63 |
| TOTAL MATERIAL AVAILABLE FOR FILL | CM | 2229 |
| LESS FACTORED FILL | CM | 1315 |
| BORROW | CM | 0 |
| EXCESS FILL | CM | 914 |

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|----------|---------------------------------------|------|-------|
| 204.20 | TRENCH EXCAVATION OF EARTH | CM | 14 |
| 301.35 | SUBBASE OF DENSE GRADED CRUSHED STONE | CM | 46 |
| 613.10 | STONE FILL, TYPE I | CM | 10 |
| 649.51 | GEOTEXTILE FOR SILT FENCE | SM | 594 |
| 651.15 | SEED | KG | 5 |
| 651.25 | HAY MULCH | T | 2 |
| 651.26 | HAY BALES FOR EROSION CONTROL | EA | 10 |
| 654.10 | EROSION MATTING | SM | 1190 |

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

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|---------------------------------|--|
| Town Of LYNDON | Bridge No. 2 |
| Highway No. VT 114 | Log Sta. Surv. Sta. |
| VT 114 OVER PASSUMPSIC RIVER | |
| QUANTITY SHEET (1 OF 3) | |
| Designed By L.S. GARDNER | Drawn By B.J. MASSE |
| Checked By J.T. KLEIN Date 3/06 | Bridge Design Supervisor M.A. COLGAN Date 3/06 |
| PROJECT LYNDON | PROJECT NO. BR# 0269(10) |
| I.G.C. Info. | Bridge Sheet No. 50544QNY |
| Sheet 3 of 72 | |