| GRADES | | | | | | | EARTHWORK | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| % GDE | VERT CUR | STATION | ELEVATION ON TAN. | ELEVATION ON V.C. | CORR. V.C. | DIST. | AREA | CU.YDS. | AREA | CU.YDS. | AREA | CU.YDS. | AREA | CU.YDS. |

# BRIDGE QUANTITY SHEET

| ITEM NO. | ITEM | UNIT | QUANTITY BREAKDOWN SUPER STRUCTURE | PIER | ABUTMENT NO. 1 | ABUTMENT NO. 2 | APPROACH SLAB NO. 1 | APPROACH SLAB NO. 2 | CHANNEL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203.27 | UNCLASSIFIED CHANNEL EXCAVATION | CY | | | | | | | 112.6 ~~425~~ | | |
| 203.32 | GRANULAR BORROW | CY | | | 0 ~~575~~ | 4599.9 ~~3738~~ | | | | | |
| 204.25 | STRUCTURE EXCAVATION | CY | | | 239.3 ~~220~~ | 0 ~~110~~ | | | | | |
| 204.30 | GRANULAR BACKFILL FOR STRUCTURES | CY | | | 206.9 ~~105~~ | 147.6 ~~40~~ | | | | | |
| 204.40 | COFFERDAM (STA. 19+70) | LS | | 1 ✓ | | | | | | | |
| 406.25 | BITUMINOUS CONCRETE PAVEMENT | TON | 180.2 ~~158~~ | | | | | | | | |
| 501.22 | CONCRETE, CLASS A | CY | 317.38 ~~316~~ | | | | | | | | |
| 501.25 | CONCRETE CLASS B | CY | | 203.54 ~~204~~ | 187.63 ~~186~~ | 179.27 ~~182~~ | 35.71 ~~36~~ | 35.81 ~~36~~ | | | |
| 501.60 | SILICA–FUME CONCRETE | CY | 39.73 ~~38~~ | | | | | | | | |
| 504.10 | FURNISHING EQUIPMENT FOR DRIVING PILING | LS | | 1 ✓ | | | | | | | |
| 505.17 | STEEL PILING (HP 14 x 73) | LF | | 1150.4 ~~890~~ | | | | | | | |
| 505.36 | TEMPORARY STEEL SHEET PILING | SF | | | 372 ~~600~~ | 874 ~~600~~ | | | | | |
| 506.55 | STRUCTURAL STEEL (PLATE GIRDER) | LB | 444034 ~~460,000~~ | | | | | | | | |
| 507.15 | REINFORCING STEEL | LB | | 29821 ~~27,300~~ | 13425 ~~13,600~~ | 13602 ~~13,900~~ | | | | | |
| 507.17 | EPOXY COATED REINFORCING STEEL | LB | 105,726 ~~105,300~~ | | | | 4239 ~~4,350~~ | 4238 ~~4,350~~ | | | |
| 508.15 | SHEAR CONNECTORS (BR 79) (2520 – 7/8" DIA. x 7" STUDS) | LS | 1 ✓ | | | | | | | | |
| 513.25 | STRUCTURAL PAINTING – SHOP APPLIED "20 TONS BR 79" | LS | 1 ✓ | | | | | | | | |
| 513.40 | SURFACE PREPARATION (BR 79) | LS | 1 ✓ | | | | | | | | |
| 514.10 | WATER REPELLANT | GAL | 22 ✓ | 9.6 ~~9~~ | 9.7 ~~9~~ | 9.7 ~~9~~ | | | | | |
| 516.10 | BRIDGE EXPANSION JOINT | LF | 81.5 ~~82~~ | | | | | | | | |
| 519.20 | SHEET MEMBRANE WATERPROOFING | SY | 1114.35 ~~1,280~~ | | | | 86 ✓ | 86 ✓ | | | |
| 525.31 | BRIDGE RAILING – 2 RAIL GALV. BOX BEAM | LF | 575 569 | | | | | | | | |
| 527.10 | MAINTENANCE OF TRAFFIC – BRG. PROJECTS (BR 79) | LS | 1 ✓ | | | | | | | | |
| 529.15 | REMOVAL OF STRUCTURE (BR 79) | EA | 1 ✓ | | | | | | | | |
| 531.10 | BEARING DEVICE ASSEMBLY | EA | 18 ✓ | | | | | | | | |
| 595.25 | DISPOSAL OF CONTAM. STEEL (BR79) | LS | 1 ✓ | | | | | | | | |
| 613.11 | STONE FILL, TYPE II | CY | | | | | | | 227 ~~200~~ | | |
| 613.13 | STONE FILL, TYPE IV | CY | | | | | | | 1377.1 ~~1,325~~ | | |
| 623.21 | SETTLEMENT PLATFORM, TYPE I | EA | | | | 3 ✓ | | | | | |
| 623.23 | SETTLEMENT PLATFORM, VIBRATING WIRE | EA | | | | 1 ✓ | | | | | |
| 623.30 | INCLINOMETER | LF | | | | 42 ~~40~~ | | | | | |
| 631.16 | TESTING EQUIPMENT – CONCRETE | LS | 0.20 ✓ | 0.15 ✓ | 0.10 ✓ | 0.10 ✓ | 0.05 ✓ | 0.05 ✓ | | | |
| 631.18 | TESTING EQUIPMENT – PROTECTIVE COATING | LS | 0.65 ✓ | | | | | | | | |
| 649.31 | GEOTEXTILE UNDER STONE FILL | SY | | | | | | | 1091 ~~1,100~~ | | |
| 900.03 | EXTRA WO#3 REDESIGN OF SHORING SYSTEM DUE TO CHANGE IN LEDGE ELEVATION | EA | | | | | | | | | |

BRIDGE(S) AT STATION(S) STA. 18+50 TO STA. 21+07.50

LOCATION(S) U.S. ROUTE 7 OVER OTTER CREEK

PREPARED BY: T.J.C.

CHECKED BY: D.L.J.

SUPERVISOR: E.M.M.

PROJECT: WALLINGFOR

BR102 OF