

BRIDGE QUANTITY SHEET 1

| SUMMARY OF BRIDGE QUANTITIES | | | | | | | | | | TOTALS | | DESCRIPTIONS | | | DETAILED SUMMARY OF QUANTITIES | | |
|------------------------------|--|--|--------------------|----------------|----------------|------------|------------|------------------|---------|--------------|------|---|-------------|------------|--------------------------------|-------|--|
| | | | 3S SUPER-STRUCTURE | 3S ABUTMENT #1 | 3S ABUTMENT #2 | 3S PIER #1 | 3S PIER #2 | 3S APPROACH SLAB | CHANNEL | BRIDGE TOTAL | UNIT | ITEMS | ITEM NUMBER | QUANTITIES | UNIT | ITEMS | |
| | | | | 240 | 240 | 240 | 240 | | | 960 | CY | UNCLASSIFIED EXCAVATION | 203.17 | | | | |
| | | | | | | 5 | | | | 5 | CY | TRENCH EXCAVATION OF EARTH | 204.20 | | | | |
| | | | | 40 | 20 | | | 50 | | 110 | CY | STRUCTURE EXCAVATION | 204.25 | | | | |
| | | | | 40 | 20 | | | | | 60 | CY | GRANULAR BACKFILL FOR STRUCTURES | 204.30 | | | | |
| | | | 1.75 | | | | | 0.25 | | 2 | CWT | EMULSIFIED ASPHALT | 404.65 | | | | |
| | | | 170 | | | | | | | 170 | TON | BITUMINOUS CONCRETE PAVEMENT (PG 64-28) | 406.25 | | | | |
| | | | 268 | | | | | | | 268 | CY | CONCRETE, HIGH PERFORMANCE CLASS A | 501.33 | | | | |
| | | | | 39 | 15 | 30 | 30 | 60 | | 174 | CY | CONCRETE, HIGH PERFORMANCE CLASS B | 501.34 | | | | |
| | | | 258290 | | | | | | | 258290 | LB | STRUCTURAL STEEL, PLATE GIRDER | 506.55 | | | | |
| | | | 590 | | | | | | | 590 | LB | STRUCTURAL STEEL | 506.60 | | | | |
| | | | | 6900 | 5190 | 2820 | 2650 | | | 17560 | LB | REINFORCING STEEL | 507.15 | | | | |
| | | | | 320 | 50 | | | | | 370 | LF | DRILLING AND GROUTING DOWELS | 507.16 | | | | |
| | | | 104200 | 2280 | 590 | | | 7320 | | 114390 | LB | EPOXY COATED REINFORCING STEEL | 507.17 | | | | |
| | | | 0.45 | | | | | | | 0.45 | LS | SHEAR CONNECTORS (8568 - 7/8" x 7") | 508.15 | | | | |
| | | | 0.45 | | | | | | | 0.45 | LS | STRUCTURAL PAINTING, SHOP APPLIED (11 TONS) | 513.25 | | | | |
| | | | 0.45 | | | | | | | 0.45 | LS | CONTANMENT & ENVIRONMENTAL PROTECTION, SHOP (11 TONS) | 513.35 | | | | |
| | | | 0.45 | | | | | | | 0.45 | LS | SURFACE PREPARATION, SHOP (11 TONS) | 513.40 | | | | |
| | | | 42 | 6 | 6 | 18 | 18 | | | 90 | GAL | WATER REPELLENT, SILANE | 514.10 | | | | |
| | | | | | 32 | | | | | 32 | LF | BRIDGE EXPANSION JOINT, ASPHALTIC PLUG | 516.10 | | | | |
| | | | 32 | | | | | | | 32 | LF | BRIDGE EXPANSION JOINT, FINGER PLATE | 516.12 | | | | |
| | | | 920 | | | | | | | 920 | SY | SHEET MEMBRANE WATERPROOFING, TORCH APPLIED | 519.20 | | | | |
| | | | 552 | | | | | | | 552 | LF | REMOVAL OF EXISTING RAILING | 525.10 | | | | |
| | | | 0.5 | | | | | | | 0.5 | LS | MAINTENANCE OF STRUCTURES AND APPROACHES | 527.10 | | | | |
| | | | 1000 | | | | | | | 1000 | SY | REMOVAL OF BRIDGE PAVEMENT | 529.10 | | | | |
| | | | 0.5 | 0.15 | 0.15 | 0.1 | 0.1 | | | 1 | EACH | PARTIAL REMOVAL OF STRUCTURE (DECK & SUBSTRUCTURES) | 529.20 | | | | |
| | | | 1 | | | | | | | 1 | EACH | PARTIAL REMOVAL OF STRUCTURE (STRUCTURAL STEEL) | 529.20 | | | | |
| | | | | 5 | 5 | | | | | 10 | EACH | BEARING DEVICE ASSEMBLY, PREFORMED FABRIC PAD | 531.10 | | | | |
| | | | | | | 5 | 5 | | | 10 | EACH | BEARING DEVICE ASSEMBLY, ELASTOMERIC PAD | 531.11 | | | | |
| | | | | 0.75 | 0.75 | 0.25 | 0.25 | | | 2 | SY | REPAIR OF CONCRETE SUBSTRUCTURE SURFACE, CLASS I | 580.13 | | | | |
| | | | | 4.5 | 4.5 | 1 | 1 | | | 11 | SY | REPAIR OF CONCRETE SUBSTRUCTURE SURFACE, CLASS II | 580.14 | | | | |
| | | | | 0.5 | 0.5 | 0.5 | 0.5 | | | 2 | CY | REPAIR OF CONCRETE SUBSTRUCTURE SURFACE, CLASS III | 580.15 | | | | |
| | | | | 240 | 240 | 240 | 240 | | | 960 | CY | STONE FILL, TYPE II | 613.11 | | | | |
| | | | 50 | | | | | | | 50 | LF | WOVEN WIRE FENCE WITH STEEL POSTS | 620.25 | | | | |
| | | | 50 | | | | | | | 50 | LF | REMOVAL OF EXISTING FENCE | 620.55 | | | | |
| | | | | 360 | 360 | 360 | 360 | | | 1440 | SY | GEOTEXTILE UNDER STONE FILL | 649.31 | | | | |
| | | | 100 | | | | | | | 100 | CY | SPECIAL PROVISION (BRIDGE RAILING, F-SHAPE CONCRETE) | 900.608 | | | | |
| | | | 0.5 | | | | | | | 0.5 | LS | SPECIAL PROVISION (PUBLIC PROTECTION FOR BRIDGE PROJECTS) | 900.645 | | | | |