

QUANTITY SHEET

SUMMARY OF ESTIMATED QUANTITIES

TOTALS

DESCRIPTIONS

DETAILED SUMMARY OF QUANTITIES

| ROADWAY I-89 NB | PIER NO. 4 | PIER NO. 3 | ABUTMENT NO. 8 | ABUTMENT NO. 7 | APPROACH SLAB NO. 8 | APPROACH SLAB NO. 7 | 88N DECK | ROADWAY I-89 SB | PIER NO. 2 | PIER NO. 1 | ABUTMENT NO. 6 | ABUTMENT NO. 5 | APPROACH SLAB NO. 6 | APPROACH SLAB NO. 5 | 88S DECK | BRIDGE QUANTITY | ROUND | GRAND TOTAL | FINAL | UNIT | ITEM | ITEM NUMBER | QUANTITIES | UNIT | ITEMS |
|--------------------|------------|------------|-------------------|-------------------|------------------------|------------------------|-------------|--------------------|------------|------------|-------------------|-------------------|------------------------|------------------------|----------|--------------------|--------|-------------|-------|---|---|----------------------------|------------|------|-------|
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 92 | 92 | | | | | | | 49 | 49 | | | | 282 | | 282 | | CY | STRUCTURE EXCAVATION | 204.25 | | | |
| | | | 92 | 92 | | | | | | | 49 | 49 | | | | 282 | | 282 | | CY | GRANULAR BACKFILL FOR STRUCTURES | 204.30 | | | |
| | | | | | 0.2 | 0.2 | 1.5 | | | | | | | 0.2 | 0.2 | 1.4 | | 3.7 | | CWT | EMULSIFIED ASPHALT | 404.65 | ® | | |
| | | | | | 17 | 17 | 141 | | | | | | 15 | 15 | 134 | | 339 | | TON | SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-34) | 490.30 | ® | | | |
| | | | | | | | 221- 221 | | | | | | | | | 213 | 434 | 434 | | CY | CONCRETE, CLASS A HIGH PERFORMANCE CL A | 501.22 | | | |
| | 12- 12 | 12- 12 | 54- 54 | 50- 50 | 41- 41 | 41- 41 | | | 4 | 4 | 37 | 36 | 36 | 36 | | 363 | 363 | 363 | | CY | CONCRETE, CLASS B HIGH PERFORMANCE CL B | 501.25 | | | |
| | | | 4 | 2 | | | 24 | | | | 3 | 2 | | | | 26 | 61 | 61 | | CY | SILICA-FUME CONCRETE | 501.60 | | | |
| | | | | | | | 26640 | | | | | | | | | 23800 | 50440 | 50440 | | LB | STRUCTURAL STEEL | 506.60 | | | |
| | | | | | | | 0.5 | | | | | | | | | 0.5 | 1 | 1 | | LS | STRUCTURAL STEEL (MOD.) | 506.75 | | | |
| | | | 230 | 230 | | | | | | | 140 | 140 | | | | 740 | 740 | 740 | | LF | DRILLING AND GROUTING DOWELS | 507.16 | | | |
| | 2580 | 2750 | 5590 | 5130 | 4800 | 4760 | 66900 | | 540 | 540 | 4010 | 3750 | 4190 | 4140 | 65070 | 174750 | 174750 | 174750 | | LB | EPOXY COATED REINFORCING STEEL | 507.17 | | | |
| | | | | | | | | | | | | | | | | 1 | 1 | 1 | | LS | SHEAR CONNECTORS (2436 ~ 7/8" DIA. X 7" STUDS) | 508.15 | | | |
| | | | | | | | 1 | | | | | | | | | 1 | 1 | 1 | | LS | SHEAR CONNECTORS (2478 ~ 7/8" DIA. X 7" STUDS) | 508.15 | | | |
| | | | | | | | 0.5 | | | | | | | | | 0.5 | 1 | 1 | | LS | STRUCTURAL PAINTING, SHOP APPLIED | 513.25 | | | |
| | | | | | | | 0.5 | | | | | | | | | 0.5 | 1 | 1 | | LS | STRUCTURAL PAINTING, FIELD APPLIED | 513.30 | | | |
| | | | | | | | 0.5 | | | | | | | | | 0.5 | 1 | 1 | | LS | CONTAINMENT & ENVIRON. PROTECTION, FIELD | 513.36 | | | |
| | | | | | | | 0.5 | | | | | | | | | 0.5 | 1 | 1 | | LS | SURFACE PREPARATION, SHOP | 513.40 | | | |
| | | | | | | | 0.5 | | | | | | | | | 0.5 | 1 | 1 | | LS | SURFACE PREPARATION, FIELD | 513.41 | | | |
| 2 | 5 | 5 | 5 | 5 | | | 15 | 2 | 5 | 5 | 5 | 5 | | | 15 | 74 | 74 | 74 | | GAL | WATER REPELLENT | 514.10 | | | |
| | | | | | | | 48 | | | | | | | | | 42 | 90 | 90 | | LF | BRIDGE EXPANSION JOINT | 516.10 | | | |
| | | | | | 99 | 99 | 807 | | | | | | 87 | 87 | 768 | 1947 | 1947 | 1947 | | SY | SHEET MEMBRANE WATERPROOFING | 519.20 | | | |
| | | | | | | | 388 | | | | | | | | | 399 | 787 | 787 | | LF | BRIDGE RAILING-NETC 2 RAIL | 525.33 | | | |
| | | | | | 97 | 97 | 814 | | | | | | 85 | 85 | 775 | 1953 | 1953 | 1953 | | SY | REMOVAL OF BRIDGE PAVEMENT | 529.10 | | | |
| | | | | | | | 1 | | | | | | | | | 1 | 2 | 2 | | EACH | PARTIAL REMOVAL OF STRUCTURE | 529.20 | | | |
| | | | | | | | 28 | | | | | | | | | 24 | 52 | 52 | | EACH | BEARING DEVICE ASSEMBLY | 531.10 | | | |
| | 5 | 5 | 5 | 5 | | | | | 5 | 5 | 5 | 5 | | | | 40 | 40 | 40 | | SY | REPAIR OF CONCRETE SUBSTRUCTURE SURFACE, CLASS I | 580.13 | | | |
| 160 | | | | | | | | 160 | | | | | | | | 320 | 320 | 320 | | LF | CAST-IN-PLACE CONCRETE CURB, TYPE B (MOD. SILICA-FUME CONCRETE) | 616.28 | | | |
| | | | | | | | 160 | | | | | | | | | 160 | 320 | 320 | | LF | SNOW BARRIER - GALVANIZED | 620.75 | | | |
| 4 | | | | | | | | 4 | | | | | | | | 8 | 8 | 8 | | EACH | GUARD RAIL APPR. SECTION, NETC 2 RAIL | 621.72 | | | |
| | | | | | 30 | 30 | 212 | | | | | | 30 | 30 | 230 | | 562 | 562 | | LF | DURABLE 6" WHITE LINE | 646.414 | ® | | |
| | | | | | 20 | 20 | 170 | | | | | | 20 | 20 | 185 | | 435 | 435 | | LF | DURABLE 6" YELLOW LINE | 646.415 | ® | | |
| | | | | | | | | | | | | | | | | | | | | | | ® DENOTES ROADWAY QUANTITY | | | |

NOTE: BR. #88N USED EXCLUSIVELY
HIGH PERFORMANCE CONCRETE

PROJECT NAME: **FAIRFAX-FAIRFIELD-ST. ALBANS**
 PROJECT NUMBER: **IM 089 - 3 (27)**
 FILE NAME: 196a056structures PLOT DATE: 9/20/00
 PROJECT LEADER: R. R. WHITCOMB DRAWN BY: K. CHISHOLM
 DESIGNED BY: M. LOZIER CHECKED BY: G. ROY
 88 N & S BRIDGE QUANTITY SHEET BR401 SHEET 153 OF 370