

SUMMARY OF QUANTITIES

| CODE NO. | ITEM | UNIT | SN 006-4553 IMPROVEMENTS | SN 006-4088 IMPROVEMENTS | SN 006-4089 IMPROVEMENTS | TOTAL QUANTITIES |
|------------|---|-------|--------------------------|--------------------------|--------------------------|------------------|
| 20200100 | EARTH EXCAVATION | CU YD | 85 | 235 | 200 | 520 |
| 20300100 | CHANNEL EXCAVATION | CU YD | 400 | 120 | 190 | 710 |
| ① 20700220 | POROUS GRANULAR EMBANKMENT | CU YD | 27.6 | 22.6 | 22.6 | 72.8 |
| 25100630 | EROSION CONTROL BLANKET | SQ YD | 636 | 2,066 | 1,426 | 4,128 |
| 28000305 | TEMPORARY DITCH CHECKS | FOOT | 24 | 36 | 12 | 72 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 245 | 620 | 640 | 1,505 |
| 28000500 | INLET AND PIPE PROTECTION | EACH | — | 2 | — | 2 |
| ③ 28300400 | AGGREGATE DITCH | TON | 7 | — | 9 | 16 |
| 40200100 | AGGREGATE SURFACE COURSE, TYPE A | TON | 175 | 532 | 400 | 1,107 |
| ② 50100300 | REMOVAL OF EXISTING STRUCTURES NO. 1 | EACH | 1 | — | — | 1 |
| ② 50100400 | REMOVAL OF EXISTING STRUCTURES NO. 2 | EACH | — | 1 | — | 1 |
| ① 50100500 | REMOVAL OF EXISTING STRUCTURES NO. 3 | EACH | — | — | 1 | 1 |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | — | 87 | — | 87 |
| 50300223 | CONCRETE STRUCTURES | CU YD | 21.0 | 19.8 | 19.8 | 60.6 |
| 50300280 | CONCRETE ENCASEMENT | CU YD | 2.6 | 2.6 | 2.6 | 7.8 |
| ① 50400405 | PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH) | SQ FT | — | 1,204 | 1,144 | 2,348 |
| ① 50400505 | PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH) | SQ FT | 1,588 | — | — | 1,588 |
| 50800105 | REINFORCEMENT BARS | POUND | 2,380 | 2,300 | 2,300 | 6,980 |
| Δ 50900205 | STEEL RAILING, TYPE S1 | FOOT | 136 | 104 | 99 | 339 |
| 51200957 | FURNISHING METAL SHELL PILES 12"X0.250" | FOOT | 256 | 256 | 224 | 736 |
| 51202305 | DRIVING PILES | FOOT | 256 | 256 | 224 | 736 |
| 51203200 | TEST PILE METAL SHELLS | EACH | 2 | 2 | 2 | 6 |
| 51204650 | PILL SHOES | EACH | 10 | 10 | 10 | 30 |
| 51500100 | NAME PLATES | EACH | 1 | 1 | 1 | 3 |
| 54200220 | PIPE CULVERTS, CLASS D, TYPE 1 15" | FOOT | — | 74 | — | 74 |
| 54215550 | METAL END SECTIONS 15" | EACH | — | 4 | — | 4 |
| 67100100 | MOBILIZATION | L SUM | 0.33 | 0.33 | 0.33 | 1 |
| ① X2501100 | SEEDING, CLASS 3 (SPECIAL) | ACRE | 0.1 | 0.4 | 0.3 | 0.8 |
| ① X2810208 | STONE RIPRAP, CLASS A4 (SPECIAL) | TON | 375 | 275 | 260 | 910 |
| ① XT010216 | TRAFFIC CONTROL AND PROTECTION (SPECIAL) | L SUM | 0.33 | 0.33 | 0.33 | 1 |
| ① Z0013798 | CONSTRUCTION LAYOUT | L SUM | 0.33 | 0.33 | 0.33 | 1 |
| 28000250 | TEMPERARY EROSION CONTROL SEEDING | LB | 200 | 200 | 200 | 600 |

Δ SPECIALTY ITEMS

① SEE SPECIAL PROVISIONS

EARTHWORK SUMMARY

| STATION TO STATION | EARTH EXCAVATION | | CHANNEL EXCAVATION | | STRUCTURE EXCAVATION | | FILL | | WASTE (SHORTAGE) | |
|---------------------------------|------------------|-------|--------------------|-------|----------------------|-------|-------|-------|------------------|-------|
| | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD | CU YD |
| SN 006-4553 IMPROVEMENTS | | | | | | | | | | |
| RDWY 19+00.00 - 19+68.75 | 43 | | | | | | 44 | | (12) | |
| RDWY 20+36.75 - 21+00.00 | 42 | | | | | | 13 | | 19 | |
| CHANNEL | | | 400 | | | | | | | |
| STRUCTURE | | | | | 65 | | | | | |
| SN 006-4088 IMPROVEMENTS | | | | | | | | | | |
| RDWY 37+75.00 - 39+71.25 | 153 | | | | | | 101 | | 14 | |
| RDWY 40+23.25 - 42+25.00 | 80 | | | | | | 37 | | 23 | |
| CHANNEL | | | 120 | | | | | | | |
| STRUCTURE | | | | | 60 | | | | | |
| SN 006-4089 IMPROVEMENTS | | | | | | | | | | |
| RDWY 57+75.00 - 59+75.25 | 122 | | | | | | 27 | | 65 | |
| RDWY 60+24.75 - 61+25.00 | 76 | | | | | | 21 | | 36 | |
| CHANNEL | | | 190 | | | | | | | |
| STRUCTURE | | | | | 60 | | | | | |
| TOTAL | 516 | | 710 | | 185 | | 243 | | 145 | |
| USE | 520 | | 710 | | *185 | | - | | 145 | |

(@ 25% SHRINKAGE)

*STRUCTURE EXCAVATION SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 502 OF THE STANDARD SPECIFICATIONS. INDIVIDUAL PAYMENT FOR STRUCTURE EXCAVATION WILL NOT BE MADE, BUT SHALL BE IN ACCORDANCE WITH SECTION 502.13.

EROSION CONTROL BLANKET

| STATION TO STATION | SIDE | WIDTH | LENGTH | AREA (SQ YD) |
|---------------------------------|-------|--------|--------|--------------|
| SN 006-4553 IMPROVEMENTS | | | | |
| 19+00 - 19+69 | LEFT | VARIES | 69' | 168 |
| 19+00 - 19+69 | RIGHT | VARIES | 69' | 157 |
| 20+37 - 21+00 | LEFT | VARIES | 63' | 154 |
| 20+37 - 21+00 | RIGHT | VARIES | 63' | 157 |
| SN 006-4088 IMPROVEMENTS | | | | |
| 37+75 - 39+71 | LEFT | VARIES | 196' | 478 |
| 37+75 - 39+82 | RIGHT | VARIES | 207' | 649 |
| 40+23 - 42+25 | LEFT | VARIES | 202' | 510 |
| 40+23 - 42+25 | RIGHT | VARIES | 202' | 429 |
| SN 006-4089 IMPROVEMENTS | | | | |
| 57+75 - 59+75 | LEFT | VARIES | 200' | 465 |
| 57+75 - 59+75 | RIGHT | VARIES | 200' | 508 |
| 60+25 - 61+25 | LEFT | VARIES | 100' | 218 |
| 60+25 - 61+25 | RIGHT | VARIES | 100' | 235 |
| TOTAL | | | | 4,128 |

AGGREGATE SURFACE COURSE, TYPE A

| STATION TO STATION | WIDTH | LENGTH | TON |
|---------------------------------|-------------|---------|-------|
| SN 006-4553 IMPROVEMENTS | | | |
| 19+00.00 - 19+50.00 | 18.85' AVG. | 50.00' | 66 |
| 19+50.00 - 19+68.75 | 19.00' | 18.75' | 25 |
| 20+36.75 - 20+50.00 | 19.00' | 13.25' | 18 |
| 20+50.00 - 21+00.00 | 18.87' AVG. | 50.00' | 66 |
| SN 006-4088 IMPROVEMENTS | | | |
| 37+75.00 - 38+25.00 | 19.16' AVG. | 50.00' | 67 |
| 38+25.00 - 39+71.25 | 19.00' | 146.25' | 195 |
| 40+23.25 - 41+75.00 | 19.00' | 151.75' | 202 |
| 41+75.00 - 42+25.00 | 19.56' AVG. | 50.00' | 68 |
| SN 006-4089 IMPROVEMENTS | | | |
| 57+75.00 - 58+25.00 | 19.20' AVG. | 50.00' | 67 |
| 58+25.00 - 59+75.25 | 19.00' | 150.25' | 200 |
| 60+24.75 - 60+75.00 | 19.00' | 50.25' | 67 |
| 60+75.00 - 61+25.00 | 18.89' AVG. | 50.00' | 66 |
| TOTAL | | | 1,107 |

PIPE CULVERTS, CLASS D, TYPE 1 15"

| STATION | SIDE | FOOT |
|---------------------------------|-------|------|
| SN 006-4088 IMPROVEMENTS | | |
| 38+25 | RIGHT | 36 |
| 38+29 | LEFT | 38 |
| TOTAL | | 74 |

PERIMETER EROSION BARRIER

| STATION TO STATION | SIDE | FOOT |
|---------------------------------|-------|-------|
| SN 006-4553 IMPROVEMENTS | | |
| 19+00 - 19+69 | LEFT | 85 |
| 20+37 - 21+00 | LEFT | 80 |
| 20+37 - 21+00 | RIGHT | 80 |
| SN 006-4088 IMPROVEMENTS | | |
| 37+75 - 38+00 | LEFT | 25 |
| 38+07 - 38+44 | RIGHT | 40 |
| 38+09 - 38+48 | LEFT | 40 |
| 39+00 - 39+71 | LEFT | 85 |
| 40+23 - 42+25 | LEFT | 220 |
| 40+23 - 42+25 | RIGHT | 210 |
| SN 006-4089 IMPROVEMENTS | | |
| 57+75 - 59+75 | LEFT | 215 |
| 57+75 - 59+75 | RIGHT | 235 |
| 60+25 - 61+25 | RIGHT | 115 |
| 60+50 - 61+25 | LEFT | 75 |
| TOTAL | | 1,505 |

INLET AND PIPE PROTECTION

| STATION | SIDE | EACH |
|---------------------------------|-------|------|
| SN 006-4088 IMPROVEMENTS | | |
| 38+07 | RIGHT | 1 |
| 38+09 | LEFT | 1 |
| TOTAL | | 2 |

AGGREGATE DITCH

| STATION TO STATION | SIDE | WIDTH | TON |
|---------------------------------|-------|-------|-----|
| SN 006-4553 IMPROVEMENTS | | | |
| 19+50 - 19+69 | RIGHT | 6' | 7 |
| SN 006-4089 IMPROVEMENTS | | | |
| 60+25 - 60+50 | LEFT | 6' | 9 |
| TOTAL | | | 16 |

METAL END SECTIONS 15"

| STATION | SIDE | EACH |
|---------------------------------|-------|------|
| SN 006-4088 IMPROVEMENTS | | |
| 38+08 | RIGHT | 1 |
| 38+09 | LEFT | 1 |
| 38+43 | RIGHT | 1 |
| 38+47 | LEFT | 1 |
| TOTAL | | 4 |

TEMPORARY DITCH CHECKS

| STATION | SIDE | FOOT |
|---------------------------------|-------|------|
| SN 006-4553 IMPROVEMENTS | | |
| 19+45 | RIGHT | 12 |
| 19+75 | RIGHT | 12 |
| SN 006-4088 IMPROVEMENTS | | |
| 39+00 | LEFT | 12 |
| 39+15 | RIGHT | 12 |
| 39+82 | RIGHT | 12 |
| SN 006-4089 IMPROVEMENTS | | |
| 60+15 | LEFT | 12 |
| TOTAL | | 72 |

PIPE CULVERT REMOVAL

| STATION | SIZE | SIDE | FOOT |
|---------------------------------|-----------|-------|------|
| SN 006-4088 IMPROVEMENTS | | | |
| 38+25 | 18" / 12" | RIGHT | 50 |
| 38+29 | 12" | LEFT | 20 |
| 39+70 | 36" | LEFT | 17 |
| TOTAL | | | 87 |