

**INCIDENTAL HOT-MIX ASPHALT**

| LOCATION |          |    | THICKNESS | 40800050<br>INCIDENTAL<br>HMA SURFACE | 40800010<br>BITUMINOUS<br>MATERIALS<br>(PRIME COAT) |
|----------|----------|----|-----------|---------------------------------------|---|
| O/S      | STA      | TO | INCH      | TON                                   | GALLON  |
| LT       | 373+50.0 |    | 2.0       | 1.9                                   | 1.7   |
| RT       | 376+00.0 |    | 4.0       | 127.1                                 | 56.7  |
| LT       | 384+21.9 |    | 2.0       | 1.9                                   | 1.7   |
| TOTAL    |          |    |           | 130.9                                 | 60.1  |
| USE      |          |    |           | 131.0                                 | 61.0  |

**PAVEMENT AND SHOULDER REMOVAL**

| LOCATION |    |          | 44000100<br>PAVEMENT REMOVAL | 44004250<br>PAVED SHOULDER<br>REMOVAL |
|----------|----|----------|------------------------------|---------------------------------------|
| *STA     | TO | *STA     | SQ YD                        | SQ YD                                 |
| 360+00.0 |    | 395+00.0 | 8577.0                       | 1167.0                                |

**48100200 AGGREGATE SHOULDERS, TYPE B**

| O/S   | STA      | TO | STA      | TON    |
|-------|----------|----|----------|--------|
| LT    | 360+00.0 |    | 361+66.0 | 29.7   |
| LT    | 361+66.0 |    | 366+77.0 | 68.22  |
| LT    | 366+77.0 |    | 373+26.0 | 115.92 |
| LT    | 373+75.0 |    | 383+98.0 | 182.7  |
| LT    | 384+46.0 |    | 386+73.0 | 40.5   |
| LT    | 386+73.0 |    | 389+63.7 | 38.7   |
| LT    | 390+79.2 |    | 392+29.0 | 19.98  |
| LT    | 392+29.0 |    | 395+00.0 | 48.42  |
| RT    | 360+00.0 |    | 361+00.0 | 9      |
| RT    | 361+00.0 |    | 361+20.0 | 3.6    |
| RT    | 361+20.0 |    | 365+60.0 | 58.68  |
| RT    | 365+60.0 |    | 375+45.0 | 17.46  |
| RT    | 376+86.0 |    | 384+85.0 | 142.74 |
| RT    | 384+85.0 |    | 389+63.7 | 63.9   |
| RT    | 390+79.2 |    | 390+99.0 | 2.7    |
| RT    | 390+99.0 |    | 395+00.0 | 71.64  |
| TOTAL |          |    |          | 913.9  |
| USE   |          |    |          | 914.0  |

**HMA SHOULDER**

| LOCATION |          |    |          |       | 48203029<br>HMA<br>SHOULDER, 8" | 40600100<br>BITUMINOUS<br>MATERIALS<br>(PRIME COAT) |
|----------|----------|----|----------|-------|---------------------------------|---|
| O/S      | STA      | TO | STA      | SQ YD | GALLON                          |   |
| LT & RT  | 360+00.0 |    | 375+42.0 | 685.3 | 137.1                           |   |
| LT       | 375+42.0 |    | 376+91.0 | 33.1  | 6.6                             |   |
| LT & RT  | 376+91.0 |    | 389+63.7 | 565.6 | 113.1                           |   |
| LT & RT  | 390+79.2 |    | 395+00.0 | 187   | 37.4                            |   |
| TOTAL    |          |    |          |       | 1471.0                          | 294.2   |
| USE      |          |    |          |       | 1471.0                          | 295.0   |

**REMOVAL OF EXISTING STRUCTURES**

| LOCATION |          | PCC<br>STRUCTURE<br>DESCRIPTION | APPROX.<br>CONCRETE<br>VOLUME<br>CU YD | 50100300<br>REMOVE EXISTING<br>STRUCTURES NO. 1<br>EACH | 50100400<br>REMOVE EXISTING<br>STRUCTURES NO. 2<br>EACH | 50100500<br>REMOVE EXISTING<br>STRUCTURES NO. 3<br>EACH |
|----------|----------|---------------------------------|--|---|---|---|
| CL       | 363+70.0 | 12'x4'x50"                      | 47.4                                   | 1.0   |   |   |
| CL       | 379+92.0 | 24'x18'x55'                     | 10.7                                   |   | 1.0   |   |
| LT       | 385+57.0 | 5'x2'x22.5'                     | 5.0                                    |   |   | 1.0   |
| TOTAL    |          |                                 |  | 1.0   | 1.0   | 1.0   |
| USE      |          |                                 |  | 1.0   | 1.0   | 1.0   |

**50105220 PIPE CULVERT REMOVAL**

| O/S   | STA      | DESCRIPTION   | FOOT |
|-------|----------|---------------|------|
| LT    | 363+70.0 | 36" STEEL     | 23.6 |
| RT    | 379+92.0 | 48" CAST IRON | 61.7 |
| TOTAL |          |               | 85.3 |
| USE   |          |               | 86.0 |

**63200310 GUARDRAIL REMOVAL**

| O/S   | *STA     | FOOT  |
|-------|----------|-------|
| LT    | 363+70.0 | 202.0 |
| RT    | 363+70.0 | 163.0 |
| TOTAL |          | 365.0 |
| USE   |          | 365.0 |

**63500120 DELINEATOR REMOVAL**

| O/S     | *STA     | TO | *STA     | EACH |
|---------|----------|----|----------|------|
| RT & LT | 362+50.0 |    | 365+00.0 | 5.0  |
| RT & LT | 379+92.0 |    | 379+92.0 | 2.0  |
| TOTAL   |          |    |          | 7.0  |
| USE     |          |    |          | 7.0  |

**BOX CULVERTS**

| LOCATION |          | STRUCTURE | 54001001<br>BOX CULVERT<br>END SECTIONS<br>CULVERT NO. 1 | 54001002<br>BOX CULVERT<br>END SECTIONS<br>CULVERT NO. 2 | 54001003<br>BOX CULVERT<br>END SECTIONS<br>CULVERT NO. 3 | 54011206<br>PRECAST<br>BOX CULVERT<br>12'x6' (M259) | 54021203<br>PRECAST<br>BOX CULVERT<br>12'x3' (M273) | 54011203<br>PRECAST<br>BOX CULVERT<br>12'x3' (M259) | 51500100<br>NAME<br>PLATE | 28100201<br>STONE<br>RIPRAP<br>CLASS A1 | 28200200<br>FILTER<br>FABRIC | 20700220<br>POROUS<br>GRANULAR<br>EMBANKMENT | 50200100<br>STRUCTURE<br>EXCAVATION |
|----------|----------|-----------|--|--|--|---|---|---|---------------------------|---|------------------------------|--|-------------------------------------|
| STA      | NUMBER   | EACH      | EACH   | EACH   | FOOT   | FOOT  | FOOT  | EACH  | TON                       | SQ YD                                   | CU YD                        | CU YD  |                                     |
| 363+70.0 | 057-2047 | 2.0       |  |  | 108.0  |   |   | 1.0   | 196.9                     | 286.7                                   | 351.5                        | 757.2  |                                     |
| 0+76.3   | 057-2048 |           | 2.0  |  |  |   |   | 1.0   | 312.5                     | 455.1                                   | 104.8                        | 766.1  |                                     |
| 388+50.0 | 057-2049 |           |  | 2.0  |  | 78.0  |   | 1.0   | 155.0                     | 225.8                                   | 68.3                         | 532.7  |                                     |
| TOTAL    |          |           | 2.0  | 2.0  | 2.0  | 108.0   | 78.0  | 194.0   | 3.0                       | 664.4                                   | 967.6                        | 524.6  | 2056.0                              |
| USE      |          |           | 2.0  | 2.0  | 2.0  | 108.0   | 78.0  | 194.0   | 3.0                       | 665.0                                   | 968.0                        | 525.0  | 2056.0                              |

**PIPE CULVERTS**

| LOCATION |          | 542A1063<br>PIPE CULVERT,<br>CLASS A, TYPE 2 | 542D0220<br>PIPE CULVERT,<br>CLASS D, TYPE 1 | 54213450<br>END<br>SECTIONS | 54213663<br>PRECAST<br>FLARED END<br>SECTION | 20900110<br>POROUS<br>GRANULAR<br>BACKFILL |
|----------|----------|--|--|-----------------------------|--|--|
| O/S      | STA      | 18"<br>FOOT                                  | 15"<br>FOOT                                  | 15"<br>EACH                 | 18"<br>EACH                                  | CU YD                                      |
| RT       | 2+50     |  | 74.0   | 2.0                         |  |  |
| CL       | 379+00.0 | 95.0   |  |                             | 2.0  | 11.0                                       |
| TOTAL    |          | 95.0   | 74.0   | 2.0                         | 2.0  | 11.0                                       |
| USE      |          | 95.0   | 74.0   | 2.0                         | 2.0  | 11.0                                       |

**FIELD TILE ITEMS**

| LOCATION |          | 61101017<br>STORM SEWERS<br>PROTECTED,<br>CLA 15" | 61100605<br>MISCELLANEOUS<br>CONCRETE | 20800150<br>TRENCH<br>BACKFILL |
|----------|----------|---|---------------------------------------|--------------------------------|
| O/S      | STA      | FOOT  | CU YD                                 | CU YD                          |
| CL       | 363+70.0 | 145.0   | 2.7                                   | 50.0                           |
| TOTAL    |          | 145.0   | 2.7                                   | 50.0                           |
| USE      |          | 145.0   | 2.7                                   | 50.0                           |

**STEEL PLATE BEAM GUARDRAIL ITEMS**

| LOCATION |          |    |          |        | 63000001<br>STEEL PLATE BEAM<br>GUARDRAIL TYPE A<br>6 FOOT POSTS | 63000025<br>STEEL PLATE BEAM<br>GUARDRAIL ATTACHED<br>TO STRUCTURES | 63100167<br>TRAFFIC BARRIER<br>TERMINAL TYPE 1<br>SPECIAL (TANGENT) | 63100169<br>TRAFFIC BARRIER<br>TERMINAL TYPE 1<br>SPECIAL (FLARED) | 78200405<br>GUARDRAIL<br>MARKERS | 78201000<br>TERMINAL<br>MARKERS<br>DIRECT APPLIED |
|----------|----------|----|----------|--------|--|---|---|--|----------------------------------|---|
| O/S      | STA      | TO | STA      | LENGTH | FOOT   | FOOT  | EACH  | EACH   | EACH                             | EACH  |
| RT       | 361+52.3 |    | 362+02.3 | 50.0   |  |   |   | 1.0  |                                  | 1.0   |
| RT       | 362+02.3 |    | 364+77.3 | 275.0  | 275.0  |   |   |  | 5.0                              |   |
| RT       | 364+77.3 |    | 365+27.3 | 50.0   |  |   |   |  |                                  | 1.0   |
|          |          |    |          |        |  |   |   |  |                                  |   |
| RT       | 386+18.7 |    | 386+68.7 | 50.0   |  |   |   | 1.0  |                                  | 1.0   |
| RT       | 386+68.7 |    | 388+31.2 | 162.5  | 162.5  |   |   |  | 3.0                              |   |
| RT       | 388+31.2 |    | 388+68.7 | 37.5   |  | 37.5  |   |  | 1.0                              |   |
| RT       | 388+68.7 |    | 389+43.7 | 75.0   | 75.0   |   |   |  | 1.0                              |   |
| RT       | 389+43.7 |    | 391+09.2 | 50.0   |  |   |   | 1.0  |                                  | 1.0   |
|          |          |    |          |        |  |   |   |  |                                  |   |
| LT       | 361+63.9 |    | 362+33.9 | 50.0   |  |   | 1.0   |  |                                  | 1.0   |
| LT       | 362+33.9 |    | 366+08.9 | 375.0  | 375.0  |   |   |  | 6.0                              |   |
| LT       | 366+08.9 |    | 368+58.9 | 50.0   |  |   | 1.0   |  |                                  | 1.0   |
|          |          |    |          |        |  |   |   |  |                                  |   |
| LT       | 387+05.7 |    | 387+55.7 | 50.0   |  |   |   | 1.0  |                                  | 1.0   |
| LT       | 387+55.7 |    | 388+30.7 | 75.0   | 75.0   |   |   |  | 1.0                              |   |
| LT       | 388+30.7 |    | 388+68.2 | 37.5   |  | 37.5  |   |  | 1.0                              |   |
| LT       | 388+68.2 |    | 391+46.2 | 162.5  | 162.5  |   |   |  | 3.0                              |   |
| LT       | 391+46.2 |    | 391+96.2 | 50.0   |  |   |   | 1.0  |                                  | 1.0   |
| TOTAL    |          |    |          |        | 1125.0   | 75.0  | 2.0   | 6.0  | 21.0                             | 8.0   |
| USE      |          |    |          |        | 1125.0   | 75.0  | 2.0   | 6.0  | 21.0                             | 8.0   |

\*STATIONING IS RELATIVE TO EXISTING ALIGNMENT