

| FAU RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------|-------------------|--------|--------------|-----------|
| 3791 | 02-00037-00-WR | COOK | 40 | 5 |
| F.H.W.A. REG. | ILLINOIS PROJECT: | | | |
| 83957 | | | | |

| LOCATION OF WORK | UNIT | TOTAL | 127TH ST | 76TH AVE | 76TH AVE | 76TH AVE | 76TH AVE |
|---|-------|-------|----------------------|------------------------|------------------------|------------------------|-------------------------|
| | | | STA 0+00 TO STA 7+30 | STA 53+00 TO STA 64+00 | STA 64+00 TO STA 79+00 | STA 79+00 TO STA 94+00 | STA 94+00 TO STA 106+00 |
| SUMMARY OF QUANTITIES | | | | | | | |
| SUPPLEMENTAL WATERING | UNIT | 168 | 4 | 32 | 48 | 48 | 36 |
| EARTH EXCAVATION | CU YD | 7288 | 0 | 1488 | 1819 | 2479 | 1502 |
| SUB-BASE GRANULAR MATERIAL, TYPE B | TON | 3560 | 0 | 715 | 1011 | 1036 | 798 |
| POROUS GRANULAR EMBANKMENT | CU YD | 885 | 0 | 260 | 332 | 89 | 204 |
| TRENCH BACKFILL | CU YD | 3015 | 0 | 181 | 255 | 1331 | 1248 |
| TOPSOIL FURNISH AND PLACE, 4" | SQ YD | 11344 | 292 | 2160 | 3264 | 3207 | 2421 |
| SODDING, SALT TOLERANT | SQ YD | 11344 | 292 | 2160 | 3264 | 3207 | 2421 |
| TEMPORARY DITCH CHECKS | EACH | 23 | 0 | 3 | 6 | 4 | 10 |
| PERIMETER EROSION BARRIER | FOOT | 9101 | 109 | 1747 | 2600 | 2470 | 2175 |
| INLET AND PIPE PROTECTION | EACH | 62 | 2 | 18 | 18 | 12 | 12 |
| RIPRAP | SQ YD | 16 | 0 | 0 | 0 | 0 | 16 |
| BITUMINOUS MATERIALS (PRIME COAT) | GAL | 7628 | 0 | 1532 | 2167 | 2220 | 1709 |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 | TON | 5351 | 0 | 1075 | 1520 | 1557 | 1199 |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 | TON | 1712 | 0 | 344 | 486 | 498 | 384 |
| DETECTABLE WARNINGS | SQ FT | 120 | 60 | 0 | 0 | 0 | 60 |
| AGGREGATE SHOULDERS, TYPE B 6" | SQ YD | 2007 | 0 | 400 | 572 | 544 | 491 |
| PIPE CULVERT REMOVAL | FOOT | 3246 | 0 | 1167 | 755 | 784 | 540 |
| PIPE CULVERTS, TYPE 1 RCCP 12" | FOOT | 437 | 0 | 0 | 219 | 139 | 79 |
| PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE, EQUIVALENT ROUND-SIZE 54" | FOOT | 60 | 0 | 0 | 0 | 0 | 60 |
| PRECAST REINFORCED CONCRETE FLARED END SECTION 12" | EACH | 4 | 0 | 2 | 0 | 0 | 2 |
| PRECAST REINFORCED CONCRETE FLARED END SECTION 18" | EACH | 1 | 0 | 0 | 0 | 0 | 1 |
| PRECAST REINFORCED CONCRETE FLARED END SECTION 24" | EACH | 1 | 0 | 0 | 0 | 0 | 1 |
| GRATING FOR CONCRETE FLARED END SECTION 24" | EACH | 1 | 0 | 0 | 0 | 0 | 1 |
| STORM SEWERS, CLASS A, TYPE 1 12" | FOOT | 1717 | 0 | 589 | 545 | 304 | 279 |
| STORM SEWERS, CLASS A, TYPE 1 15" | FOOT | 338 | 110 | 179 | 49 | 0 | 0 |
| STORM SEWERS, CLASS A, TYPE 1 18" | FOOT | 1102 | 0 | 1064 | 0 | 0 | 38 |
| STORM SEWERS, CLASS A, TYPE 1 24" | FOOT | 49 | 0 | 0 | 0 | 0 | 49 |
| STORM SEWERS, CLASS A, TYPE 1 54" | FOOT | 622 | 0 | 0 | 0 | 0 | 622 |
| DUCTILE IRON WATER MAIN 12" | FOOT | 2837 | 0 | 0 | 181 | 1500 | 1156 |
| WATER SERVICE LINE 1" | FOOT | 1265 | 0 | 0 | 0 | 130 | 1135 |
| FIRE HYDRANTS TO BE RELOCATED | EACH | 14 | 0 | 1 | 5 | 4 | 4 |
| CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE | EACH | 6 | 1 | 4 | 0 | 1 | 0 |
| CATCH BASINS, TYPE C, TYPE 8 GRATE | EACH | 15 | 0 | 5 | 4 | 4 | 2 |
| RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER, TYPE 8 GRATE | EACH | 5 | 0 | 3 | 1 | 0 | 1 |
| MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE | EACH | 8 | 0 | 6 | 1 | 0 | 1 |
| MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 | 0 | 0 | 1 | 0 | 0 |
| MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE | EACH | 1 | 0 | 0 | 0 | 1 | 0 |
| MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE | EACH | 1 | 0 | 0 | 0 | 1 | 0 |
| INLETS, TYPE A, TYPE 8 GRATE (36" DEPTH) | EACH | 1 | 0 | 0 | 0 | 0 | 1 |
| MANHOLES TO BE RECONSTRUCTED | EACH | 2 | 0 | 0 | 0 | 0 | 2 |
| FRAMES AND GRATES TO BE ADJUSTED | EACH | 2 | 0 | 0 | 0 | 0 | 2 |
| REMOVING MANHOLES | EACH | 22 | 0 | 11 | 4 | 4 | 3 |
| SIGN PANEL - TYPE 1 | SQ FT | 314.4 | 0 | 22.5 | 67.5 | 109.4 | 115 |
| METAL POSTS | FOOT | 509.5 | 0 | 38.5 | 120 | 180 | 171 |
| THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 560 | 344 | 0 | 0 | 0 | 216 |
| DETECTOR LOOP REPLACEMENT | FOOT | 208 | 104 | 0 | 0 | 0 | 104 |
| TEMPORARY INFORMATION SIGNING | SQ FT | 27 | 9 | 0 | 0 | 0 | 18 |
| DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT | SQ YD | 3582 | 0 | 954 | 844 | 1253 | 531 |
| REMOVE AND REPLACE STEEL PLATE BEAM GUARDRAIL, SPECIAL | FOOT | 54 | 0 | 0 | 0 | 0 | 54 |
| REMOVE EXISTING WATERMAIN | FOOT | 2837 | 0 | 0 | 181 | 1500 | 1156 |
| CONNECTION TO EXISTING STRUCTURE | EACH | 15 | 1 | 0 | 4 | 2 | 8 |
| PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT | SQ YD | 295 | 0 | 102 | 193 | 0 | 0 |
| STORM SEWER REMOVAL, SPECIAL | FOOT | 3490 | 0 | 1137 | 791 | 606 | 956 |
| BRICK WALL | FOOT | 35 | 0 | 0 | 0 | 35 | 0 |
| BRICK DRIVEWAY REMOVAL AND REPLACEMENT | SQ FT | 1646 | 0 | 0 | 559 | 704 | 383 |
| GATE VALVE 12" WITH VAULT, 5' DIAMETER | EACH | 3 | 0 | 0 | 0 | 2 | 1 |
| AGGREGATE FOR TEMPORARY ACCESS | TON | 1587 | 0 | 389 | 463 | 454 | 281 |
| STABILIZED TURF SHOULDER | SQ YD | 2007 | 0 | 400 | 572 | 544 | 491 |

TREE REMOVAL SCHEDULE (UNITS DIA.)

| STATION | DISTANCE FROM CENTER LINE | 6" TO 15" DIAMETER | OVER 15" DIAMETER |
|---------------------|---------------------------|-----------------------|-------------------|
| 53+90 | 27' L | 8", 8", 11" | |
| 57+24 | 16' L | 7" | |
| 57+31 | 28' L | 15", 15" | |
| 60+21 | 27' L | 6" | |
| 60+77 | 27' R | 15" EG | |
| 62+25 | 28' R | | 18" |
| 62+41 | 27' R | | 18" |
| 62+96 | 21' R | 8" | 17" |
| 63+28 | 30' L | | 20" |
| 64+48 | 22' R | 12" | |
| 64+50 | 22' R | 9" | |
| 64+53 | 29' L | 12" | |
| 64+54 | 31' L | 8" | |
| 64+54 | 29' L | 6", 7", 11", 11", 12" | |
| 64+54 | 28' L | 10" | |
| 64+58 | 32' L | 6", 6" | |
| 64+78 | 29' L | 12" | |
| 65+46 | 26' L | 13" | |
| 66+06 | 22' R | 10", 12" | |
| 71+37 | 27' R | | 16" |
| 76+46 | 65' L | 6" | |
| 76+46 | 47' L | 12" | |
| 77+20 | 27' R | 6" | |
| 77+99 | 28' R | 6" | |
| 78+22 | 18' R | | 24" |
| 78+55 | 24' R | 8" | |
| 98+42 | 32' L | | 28" |
| 99+32 | 43' L | 8" | |
| 102+20 | 30' L | | 16" |
| 102+23 | 30' L | | 17" |
| TOTAL | | 296" | 174" |
| TOTAL TREES REMOVED | | 40 EACH | |

TREE TRUNK PROTECTION (EA)

| STATION | DISTANCE FROM CENTER LINE |
|---------|---------------------------|
| 53+96 | 33' L |
| 59+00 | 32' L |
| 59+58 | 32' L |
| 65+93 | 24' R |
| 67+13 | 27' R |
| 90+77 | 31' L |
| 90+78 | 29' L |
| 91+30 | 35' R |
| 91+98 | 34' R |
| 92+13 | 32' R |
| 92+30 | 35' R |
| 92+50 | 35' R |
| 96+17 | 34' R |
| 98+42 | 32' L |
| 99+50 | 41' L |
| 99+53 | 47' L |
| 99+60 | 44' L |
| 99+61 | 34' L |
| 99+64 | 41' L |
| 99+65 | 37' L |
| 99+82 | 37' L |
| 103+91 | 33' L |
| TOTAL | 23 |

EARTHWORK SCHEDULE

| LOCATION | EARTH EXCAVATION CUBIC YARD | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CUBIC YARD | EMBANKMENT CUBIC YARD | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CUBIC YARD |
|----------------------|-----------------------------|--|-----------------------|--|
| STA. 53+00 TO 64+00 | 1488 | 1116 | 248 | +868 |
| STA. 64+00 TO 79+00 | 1819 | 1364 | 316 | +1048 |
| STA. 79+00 TO 94+00 | 2479 | 1859 | 100 | +1759 |
| STA. 94+00 TO 106+00 | 1502 | 1126 | 179 | +947 |
| TOTAL | 7288 | 5465 | 843 | +4622 |

TREE ROOT PRUNING (EA)

| STATION | DISTANCE FROM CENTER LINE |
|---------|---------------------------|
| 59+00 | 32' L |
| 59+58 | 32' L |
| 63+81 | 31' L |
| 63+83 | 32' L |
| 63+84 | 32' L |
| 63+89 | 32' L |
| 81+62 | 32' L |
| 99+61 | 34' L |
| 99+82 | 37' L |
| 103+91 | 33' L |
| TOTAL | 10 |

TEMPORARY FENCE (FOOT)

| STATION | FOOT |
|-------------------|------|
| 60+10 TO 60+60 RT | 50 |
| 63+00 TO 64+35 R | 135 |
| 63+50 TO 63+95 LT | 45 |
| 65+00 TO 65+50 R | 50 |
| 66+60 TO 66+90 R | 30 |
| 91+80 TO 91+98 L | 18 |
| 92+23 TO 92+68 L | 45 |
| TOTAL | 373 |

PIPE UNDERDRAIN SCHEDULE

| STATION | FOOT |
|-------------------|------|
| 57+50 TO 58+05 R | 78 |
| 57+60 TO 58+30 L | 61 |
| 69+00 TO 70+25 L | 135 |
| 68+65 TO 69+70 R | 111 |
| 99+00 TO 100+00 L | 92 |
| 99+00 TO 99+35 R | 48 |
| TOTAL | 525 |



5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-TITLE-NOTES-DETAILS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: NTS

76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83
 SCHEDULE OF QUANTITIES

| DATE | REVISIONS | BY | SHEET |
|------|-----------|-----------------|-------|
| 1 | 5-09-07 | PER IDOT REVIEW | RAC |
| 2 | 5-24-07 | PER IDOT REVIEW | RAC |
| 3 | 9-04-07 | PER IDOT REVIEW | RAC |
| 4 | | | |

PLT: DATE: Sep 05, 2007
 FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-TITLE-NOTES-DETAILS.dwg