| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 80 | (32, 47-41)K | KENDALL/GRUNDY | 243 | 114 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

CONTRACT NO. 66294

# SUMMARY OF QUANTITIES

| | | | | GRUNDY COUNTY | | | KENDALL COUNTY | |
|---|---|---|---|---|---|---|---|---|
| | LOCATION OF WORK | | | RIDGE ROAD @ OTTAWA DRIVE | RIDGE ROAD @ RAMPS "C" & "D" | INTERCONNECT | RIDGE ROAD @ RAMPS "A & "B" | INTERCONNECT |
| CODE NO. | ITEM | UNIT | TOTAL | | | | | |
| 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 23 | - | 14 | - | 9 | - |
| 81012400 | CONDUIT IN TRENCH, 1¼" DIA., PVC | FOOT | 293 | - | 145 | - | 148 | - |
| 81012600 | CONDUIT IN TRENCH, 2" DIA., PVC | FOOT | 1777 | - | 915 | - | 862 | - |
| 81012700 | CONDUIT IN TRENCH, 2½" DIA., PVC | FOOT | 315 | - | 196 | - | 119 | - |
| - | CONDUIT IN TRENCH, 2½" DIA., PVC, SCHEDULE 80 | FOOT | 558 | - | 73 | - | 485 | - |
| - | CONDUIT IN TRENCH, 3" DIA., PVC, SCHEDULE 80 | FOOT | 56 | - | - | - | 56 | - |
| - | CONDUIT IN TRENCH, 4" DIA., PVC, SCHEDULE 80 | FOOT | 20 | - | 10 | - | 10 | - |
| - | CONDUIT PUSHED, 3" DIA., PVC, SCHEDULE 80 | FOOT | 352 | - | 88 | - | 264 | - |
| - | CONDUIT PUSHED, 4" DIA., PVC, SCHEDULE 80 | FOOT | 408 | - | 231 | - | 177 | - |
| 81400400 | CONCRETE HANDHOLE | EACH | 20 | - | 11 | - | 9 | - |
| 81400500 | CONCRETE HEAVY-DUTY HANDHOLE | EACH | 1 | - | - | - | 1 | - |
| 81400600 | CONCRETE DOUBLE HANDHOLE | EACH | 2 | - | 1 | - | 1 | - |
| 81500200 | TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 2775 | - | 1255 | - | 1520 | - |
| 85700205 | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 2 | - | 1 | - | 1 | - |
| 86000100 | MASTER CONTROLLER | EACH | 1 | - | - | 0.5 | - | 0.5 |
| 86400100 | TRANSCEIVER-FIBER OPTIC | EACH | 2 | - | 1 | - | 1 | - |
| 87301215 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 891 | - | 397 | - | 494 | - |
| 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 1510 | - | 772 | - | 738 | - |
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 3745 | - | 2016 | - | 1729 | - |
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 1520 | - | 543 | - | 977 | - |
| 87301305 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 5591 | - | 3088 | - | 2503 | - |
| 87301805 | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C | FOOT | 76 | - | 37 | - | 39 | - |
| 87502440 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT. | EACH | 1 | - | 1 | - | 0 | - |
| 87502500 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 11 | - | 5 | - | 6 | - |
| 87502520 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT. | EACH | 2 | - | 1 | - | 1 | - |
| 87702980 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 50 FT. | EACH | 1 | - | - | - | 1 | - |
| 87703000 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 55 FT. | EACH | 1 | - | 1 | - | - | - |
| 87800100 | CONCRETE FOUNDATION, TYPE A | FOOT | 56 | - | 28 | - | 28 | - |
| 87800200 | CONCRETE FOUNDATION, TYPE D | FOOT | 8 | - | 4 | - | 4 | - |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 28 | - | 15 | - | 13 | - |
| 88200410 | TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 28 | - | 14 | - | 14 | - |
| 88500100 | INDUCTIVE LOOP DETECTOR | EACH | 20 | - | 10 | - | 10 | - |
| 88600100 | DETECTOR LOOP, TYPE 1 | FOOT | 2778 | - | 1370 | - | 1408 | - |
| * 88700200 | LIGHT DETECTOR | EACH | 4 | - | 2 | - | 2 | - |
| * 88700300 | LIGHT DETECTOR AMPLIFIER | EACH | 2 | - | 1 | - | 1 | - |
| 88800100 | PEDESTRIAN PUSH-BUTTON | EACH | 4 | - | 2 | - | 2 | - |
| 89000100 | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 3 | 1 | 1 | - | 1 | - |
| 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 | - | - | - | 1 | - |
| 89502380 | REMOVE EXISTING HANDHOLE | EACH | 2 | - | - | - | 2 | - |
| 89502385 | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 1 | - | - | - | 1 | - |
| X0300739 | UNINTERRUPTABLE POWER SUPPLY | EACH | 2 | - | 1 | - | 1 | - |
| X0322925 | ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C | FOOT | 1958 | - | - | 979 | - | 979 |
| X0325096 | OPTIMIZE TRAFFIC SIGNAL SYSTEM | L SUM | 1 | - | - | 1 | - | - |
| X8050015 | SERVICE INSTALLATION, POLE MOUNT | EACH | 2 | - | 1 | - | 1 | - |
| X8710020 | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F | FOOT | 1982 | - | - | 991 | - | 991 |
| X8730027 | ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C | FOOT | 1353 | - | 672 | - | 681 | - |
| * X8730250 | ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED | FOOT | 585 | - | 359 | - | 226 | - |
| X8801300 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE,3-SECTION, BRACKET MOUNTED | EACH | 15 | - | 8 | - | 7 | - |
| X8801310 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 4 | - | 2 | - | 2 | - |
| X8801345 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED | EACH | 1 | - | - | - | 1 | - |
| X8801395 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 7 | - | 3 | - | 4 | - |
| X8801400 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 1 | - | 1 | - | - | - |
| X8810610 | PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED | EACH | 4 | - | 2 | - | 2 | - |

* 100% COST TO VILLAGE OF MINOOKA

| REVISIONS | |
|---|---|
| NAME | DATE |
| | |

GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5980

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

**SUMMARY OF QUANTITIES**
**RIDGE ROAD**
**RAMPS "A" & "B" TO OTTAWA DRIVE**

SCALE: NONE
DATE: 2/10/06
DRAWN BY: SA/KGP
CHECKED BY: PKG