CONTRACT NO: 83932

| F.A.U. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1223 | 04-00272-00-TL | LAKE | 72 | 4 |

SUMMARY OF QUANTITIES

ILLINOIS

# LAKE COUNTY
## STA. 22+00 TO STA. 179+00

## TRAFFIC SIGNALS

## SUMMARY OF QUANTITIES

| CODE NUMBER | ITEM | UNIT | TOTAL | WASHINGTON STREET AT TESKE BOULEVARD | | WASHINGTON STREET AT IL RTE 131 (GREEN BAY ROAD) | | WASHINGTON STREET AT WASHINGTON TERRACE / ST. THERESA BOULEVARD | | WASHINGTON STREET AT McAREE ROAD / KELLER AVENUE | | WASHINGTON STREET AT LEWIS AVENUE | | WASHINGTON STREET AT BUTRICK STREET | | WASHINGTON STREET AT JACKSON STREET | | WASHINGTON STREET AT WEST STREET | | WASHINGTON STREET AT MARTIN LUTHER KING JR. AVENUE | | WASHINGTON STREET AT COUNTY STREET | | WASHINGTON STREET AT GENESEE STREET | | WASHINGTON STREET AT IL RTE 137 (SHERIDAN ROAD) | | INTERCONNECT FROM TESKE BOULEVARD TO IL RTE 137 (SHERIDAN ROAD) | | PEDESTRIAN CROSSING AT ROBERT McCLORY BIKE PATH | | PACE NORTH DIVISION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | CONSTRUCTION CODES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | I000-2A | Y031-1F | | Y031-1F |
| 87800100 | CONCRETE FOUNDATION, TYPE A | FOOT | 140 | | | | | | 16 | | 16 | | 16 | | 4 | | 16 | | 16 | | 16 | | 16 | | 16 | | | | | | | | 8 | | |
| 87800150 | CONCRETE FOUNDATION, TYPE C | FOOT | 36 | | | | | | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | | | | | | | | | | |
| 87800200 | CONCRETE FOUNDATION, TYPE D | FOOT | 4 | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87800400 | CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 15 | | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 525 | | | | | | 60 | | 60 | | 60 | | 45 | | 60 | | 60 | | 60 | | 60 | | 60 | | | | | | | | | | |
| 87900200 | DRILL EXISTING HANDHOLE | EACH | 8 | | | | 3 | | | | | | | | | | | | | | 1 | | | | | | | | | | 4 | | | | |
| 88030020 | SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 54 | | | | | | 6 | | 4 | | 4 | | 6 | | 6 | | 6 | | 7 | | 7 | | 8 | | | | | | | | | | |
| 88030050 | SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 18 | | | | | | 2 | | | | | | 2 | | 2 | | 2 | | 3 | | 3 | | 4 | | | | | | | | | | |
| 88030100 | SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 18 | | | | | | 2 | | 4 | | 4 | | 2 | | 2 | | 2 | | 1 | | 1 | | | | | | | | | | | | |
| 88030110 | SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 18 | | | | | | 2 | | 4 | | 4 | | 2 | | 2 | | 2 | | 1 | | 1 | | | | | | | | | | | | |
| 88102717 | PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 66 | | | | | | 8 | | 8 | | 8 | | 2 | | 8 | | 8 | | 8 | | 8 | | 8 | | | | | | | | | | |
| 88102747 | PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 3 | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | |
| 88200210 | TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM | EACH | 72 | | | | | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | | | | | | | | | |
| 88700200 | LIGHT DETECTOR | EACH | 18 | | | | | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | | | | | | | | | |
| 88700300 | LIGHT DETECTOR AMPLIFIER | EACH | 9 | | | | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | | | | | | | | |
| 88800100 | PEDESTRIAN PUSH-BUTTON | EACH | 74 | | | | | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | | | | | | | 2 | | |
| 89000100 | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 9 | | | | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | | | | | | | | |
| 89100400 | ILLUMINATED SIGN, L.E.D. | EACH | 4 | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | | |
| 89502200 | MODIFY EXISTING CONTROLLER | EACH | 2 | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 9 | | | | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | | | | | | | | |
| 89502380 | REMOVE EXISTING HANDHOLE | EACH | 81 | | | | | | 8 | | 7 | | 13 | | 9 | | 11 | | 6 | | 10 | | 8 | | 9 | | | | | | | | | | |
| 89502385 | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 72 | | | | | | 9 | | 9 | | 13 | | 8 | | 9 | | 9 | | 5 | | 5 | | 5 | | | | | | | | | | |
| X0322925 | ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C | FOOT | 16,202 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16,202 | | | | |
| X0322929 | CAMERA MOUNTING ASSEMBLY | EACH | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X0324007 | OPTIMIZE TRAFFIC SIGNAL SYSTEM | EACH | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| X0329851 | FIBER OPTIC PATCH PANEL | EACH | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X6700405 | ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED) | CAL MO | 6 | | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X8050015 | SERVICE INSTALLATION, POLE MOUNT | EACH | 10 | | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | | | | | | | | |
| X8730027 | ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C | FOOT | 4,614 | | | | | | 471 | | 582 | | 602 | | 350 | | 382 | | 472 | | 556 | | 600 | | 599 | | | | | | | | | | |
| X8730250 | ELECTRIC CABLE IN CONDUIT, NO. 20 3C, TWISTED, SHIELDED | FOOT | 3,696 | | | | 208 | | 439 | | 418 | | 453 | | 340 | | 356 | | 396 | | 369 | | 355 | | 362 | | | | | | | | | | |
| XX003661 | ELECTRIC CABLE IN CONDUIT, COAXIAL | FOOT | 1,260 | | | | 208 | | 182 | | 158 | | 111 | | 81 | | 95 | | 153 | | 89 | | 87 | | 96 | | | | | | | | | | |
| XX005723 | VIDEO DETECTION SYSTEM, (COMPLETE INTERSECTION) | EACH | 9 | | | | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | | | | | | | | |
| XX005922 | ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 16, 5 1/2 PAIR | FOOT | 6,951 | | | | | | 756 | | 772 | | 954 | | 598 | | 772 | | 772 | | 737 | | 785 | | 805 | | | | | | | | | | |
| XX005931 | TRAFFIC SIGNAL POST 16 FT. (SPECIAL) | EACH | 33 | | | | | | 4 | | 4 | | 4 | | 1 | | 2 | | 4 | | 4 | | 4 | | 4 | | | | | | | | 2 | | |
| XX005932 | TRAFFIC SIGNAL POST 18 FT. (SPECIAL) | EACH | 2 | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| XX005937 | L.E.D. INTERNALLY ILLUMINATED STREET NAME SIGN | EACH | 36 | | | | | | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | | | | | | | | | | |
| XX005940 | REMOTE-CONTROLLED VIDEO SYSTEM | EACH | 10 | | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | | | | | | | | |
| XX006390 | VIDEO COMMUNICATIONS SYSTEM AND CABINET | EACH | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XX006654 | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F SM24F | FOOT | 16,202 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16,202 | | | | |
| XX006655 | LAYER II (DATA LINK) SWITCH | EACH | 9 | | | | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | | | | | | | | |
| XX006661 | UNINTERRUPTABLE POWER SUPPLY | EACH | 9 | | | | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | | | | | | | | |
| △ Z0076600 | TRAINEES | HOUR | 1,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XX007017 | TERMINATE FIBER IN CABINET | EACH | 30 | | | | 12 | | | | | | | | | | | | | | | | | | | | | 18 | | | | | | | |
| XX007018 | LAYER III (NETWORK) SWITCH | EACH | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XX007019 | TRANSIT PRIORITY EMITTER | EACH | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 |
| XX007020 | GARAGE MOUNTED TEST EQUIPMENT | EACH | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| XX007021 | PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM | EACH | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |

* SPECIALTY ITEM

△ Y080

PLANS PREPARED BY:

GEWALT HAMILTON ASSOCIATES, INC.
Consulting Engineers & Surveyors
650 Forest Edge Drive
Vernon Hills, IL 60061
(847) 478-9700
(847) 478-9701 Fax

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

LAKE COUNTY DIVISION OF TRANSPORTATION

**SUMMARY OF QUANTITIES**

WASHINGTON STREET
TESKE BOULEVARD TO SHERIDAN ROAD

SCALE: NONE
DATE: MAY 1, 2007

DRAWN BY: PJS
DESIGNED BY: JRD
CHECKED BY: BLS

3744-0037-ALL-PK.dwg