# TRAFFIC SIGNAL LEGEND

| ITEM | REMOVAL | EXISTING | PROPOSED |
|---|---|---|---|
| CONTROLLER CABINET | R | | |
| RAILROAD CONTROL CABINET | | | |
| COMMUNICATIONS CABINET | R CC | ECC | CC |
| MASTER CONTROLLER | | EMC | MC |
| MASTER MASTER CONTROLLER | | EMMC | MMC |
| UNINTERRUPTIBLE POWER SUPPLY | R UPS | EUPS | UPS |
| SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT | R | P | P |
| TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT | R T | P T | P T |
| STEEL MAST ARM ASSEMBLY AND POLE | R | | |
| ALUMINUM MAST ARM ASSEMBLY AND POLE | R | | |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE | R | | |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA | R PTZ | PTZ | PTZ |
| SIGNAL POST | R | | |
| TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM | R | | |
| GUY WIRE | R | | |
| SIGNAL HEAD | R | | |
| SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE) | | | 2 |
| SIGNAL HEAD WITH BACKPLATE | R | | |
| SIGNAL HEAD OPTICALLY PROGRAMMED | R "P" | "P" | "P" |
| FLASHER INSTALLATION (S DENOTES SOLAR POWER) | R "F" | "F" | "F" |
| PEDESTRIAN SIGNAL HEAD | R | | |
| PEDESTRIAN PUSHBUTTON DETECTOR | R | | |
| ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR | R APS | APS | APS |
| ILLUMINATED SIGN "NO LEFT TURN" | R | | |
| ILLUMINATED SIGN "NO RIGHT TURN" | R | | |
| DETECTOR LOOP, TYPE I | | | |
| PREFORMED DETECTOR LOOP | | P | P |
| MICROWAVE VEHICLE SENSOR | R M | M | M |
| VIDEO DETECTION CAMERA | R V | V | V |
| VIDEO DETECTION ZONE | | | |
| PAN, TILT, ZOOM CAMERA | R PTZ | PTZ | PTZ |
| WIRELESS DETECTOR SENSOR | R W | W | W |
| WIRELESS ACCESS POINT | R | | |

| ITEM | REMOVAL | EXISTING | PROPOSED |
|---|---|---|---|
| EMERGENCY VEHICLE LIGHT DETECTOR | R | | |
| CONFIRMATION BEACON | R | | |
| HANDHOLE | R | | |
| HEAVY DUTY HANDHOLE | R H | H | H |
| DOUBLE HANDHOLE | R | | |
| JUNCTION BOX | R | | |
| GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P) | | | |
| TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE | R | | |
| COMMON TRENCH | | | CT |
| COILABLE NONMETALLIC CONDUIT (EMPTY) | | | CNC |
| SYSTEM ITEM | | S | S |
| INTERSECTION ITEM | | I | IP |
| REMOVE ITEM | R | | |
| RELOCATE ITEM | RL | | |
| ABANDON ITEM | A | | |
| 12" (300mm) TRAFFIC SIGNAL SECTION | | R | R |
| 12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE | | R Y G | |
| SIGNAL FACE | | R Y G ←Y ←G | R Y G ←Y ←G |
| SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD | | R Y G ←Y ←G "P" | R Y G ←Y ←G "P" |
| 12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL | | DW W | |
| 12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED | | | |
| 12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID | | | |
| PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER | | C D | C D |
| RADIO INTERCONNECT | R | | |
| RADIO REPEATER | R ERR | ERR | RR |
| DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED | | 5 | 5 |
| GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN) | | 1 | 1 |

| ITEM | REMOVAL | EXISTING | PROPOSED |
|---|---|---|---|
| ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE | | 1 | 1 |
| COAXIAL CABLE | | C | C |
| VENDOR CABLE FOR CAMERA | | V | V |
| COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED | | 6 | 6 |
| FIBER OPTIC CABLE NO. 62.5/125, MM12F | | 12F | |
| FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F | | 24F | 24F |
| FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS) | | | |
| GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE | | C | C |
| CONTROLLER CABINET AND FOUNDATION TO BE REMOVED | RCF | | |
| STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED | RMF | | |
| ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED | RMF | | |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED | RMF | | |
| SIGNAL POST AND FOUNDATION TO BE REMOVED | RMF | | |
| INTERSECTION & SAMPLING (SYSTEM) DETECTOR | | IS | IS |
| SAMPLING (SYSTEM) DETECTOR | | S | S |
| EXISTING INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR | | P | |
| EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR | | PP | |
| PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR | | PIS | PIS |
| PREFORMED SAMPLING (SYSTEM) DETECTOR | | PS | PS |

# RAILROAD SYMBOLS

| | EXISTING | PROPOSED |
|---|---|---|
| RAILROAD CONTROL CABINET | | |
| RAILROAD CANTILEVER MAST ARM | | |
| FLASHING SIGNAL | | |
| CROSSING GATE | | |
| CROSSBUCK | | |

| | | | |
|---|---|---|---|
| FILE NAME = e:\pw_work\PWIDOT\KANTHAPHIXAYBC\d0112814\traffic_legend_v7.dgn | USER NAME = kanthaphixaybc | DESIGNED - DAG/BCK | REVISED - |
| | | DRAWN - BCK | REVISED - |
| | PLOT SCALE = 20.0000 ' / IN. | CHECKED - DAG | REVISED - |
| | PLOT DATE = 10/6/2009 | DATE - 10/28/09 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1**
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE | SHEET NO. 6 OF 6 SHEETS | STA. | TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 330 | 2010-082-1 | COOK | 152 | 79 |
| | | CONTRACT NO. 60L73 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |