| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 94 | * | COOK | 907 | 408 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

* (1516.1, 1717 & 1818) R-9

62695

| PROPOSED | PRESENT | |
|---|---|---|
| | | SIGNAL, TRAFFIC 3 SECTION 1-WAY ADJUSTABLE, 12" OR AS NOTED |
| | | SIGNAL, TRAFFIC 3 SECTION 2-WAY ADJUSTABLE, 12" OR AS NOTED |
| | | SIGNAL OPTICALLY PROGRAMMED |
| | | SIGNAL, PEDESTRIAN, DON'T WALK/WALK |
| | | SIGNAL FACE ARROW, 12" COLOR AS NOTED |
| | | SIGNAL FACE, 1 SECTION YELLOW/GREEN ARROW DUAL INDICATION |
| | | PUSH BUTTON, PEDESTRIAN |
| | | SIGN, ILLUMINATED, WITH MESSAGE OR SYMBOL AS INDICATED |
| | | MAST ARM, MONOTUBE, STEEL. SIZE AS INDICATED (SEE DWG. #870) |
| | | MAST ARM, TRUSS, ALUMINUM. SIZE AS INDICATED |
| | | CONTROLLER, TRAFFIC SIGNAL. PEDESTAL OR BASE MOUNTED AS INDICATED |
| | | CONTROLLER, STREET LIGHTING. PEDESTAL OR BASE MOUNTED. (DWG. 876 or 880) |
| | | CONTROLLER, STREET LIGHTING. POLE MOUNTED (DWG. #11940) |
| | | POLE, WOOD. COMMONWEALTH EDISON COMPANY, SERVICE |
| | | POLE, CITY STEEL, ANCHOR BASE, 34'6", 7 GA. 10" DI A. AND 15"B.C. 24"X7' FND. W/1 1/4" ANCHOR RODS DRG. #818. |
| | | POLE, CITY STEEL, ANCHOR BASE, 34'-6", 3 GA. 10" DIA. AND 15" B.C. 24"X9' FND. W/1 1/4" ANCHOR RODS DRG. #818 (16',20' or 26' M.A.) |
| | | POLE, CITY STEEL, ANCHOR BASE, 34"-6", 3GA., 11" DIA. AND 17 1/4" B.C. 30"X9' FND. W/1 1/4" ANCHOR RODS DRG. #816. (30' M.A.) |
| | | POLE, CITY STEEL, ANCHOR BASE 34'-6", 3 GA. 12 1/2" DIA. AND 16 1/2"B.C. 30"X11' FND. W/1 1/2" ANCHOR RODS DRG.#817. (35',40' or 44' M.A.) |
| | | POLE, CITY STEEL, ANCHOR BASE, 32'-6", 3 GA. 10" DIA., WITH 3 GA. BAL. HSG. BASE AND 17 1/4" B. C. ON 30"X9' FND. W/ 11/4" ANCHOR RODS DRG. #816. |
| | | POLE, CITY STEEL, ANCHOR BASE, 20',27'-6",29'-6", 7 GA. WITH STEEL BAL. HSG. BASE AND FND. W/10" D. B.C. AND 1" ANCHOR RODS DRG. #716. |
| | | POLE, CITY STEEL, ANCHOR BASE, 20',27'-6",29'-6", 3 GA. WITH STEEL BAL. HSG. BASE AND FND. W/10" D. B.C. AND 1" ANCHOR RODS DWG.#719. |
| | | POLE, CITY STEEL, ANCHOR BASE, 20',27'-6",29'-6" 7 GA., AND FND. WITH 10" B.C. AND 1" ANCHOR RODS DWG. #11408B. |
| | | POLE, CITY STEEL, ANCHOR BASE, 20',27'-6",29'-6" 3 GA..AND FND. WITH 10" B.C. AND 1" ANCHOR RODS DWG. #11408B. |
| | | POLE, CITY STEEL, ANCHOR BASE, 32'-6", 7 GA., AND FND. WITH 11 1/2" B.C. AND 1" ANCHOR RODS DWG. #753. |
| | | POLE, CITY STEEL, ANCHR BASE, 32'-6", 3 GA., AND FND. WITH 11 1/2" B.C. AND 1" ANCHOR RODS DWG. #753. |
| | | POLE, CITY STEEL, ANCHOR BASE, 32'-6" 7 GA., ALUM. BHB AND FND. WITH 15" B.C.-24"X7' WITH 1" ANCHOR RODS DRG. #691. |
| | | POLE, CITY STEEL, ANCHOR BASE, 32'-6", 3 GA., ALUM. BHB AND FND. WITH 15" B.C. 24"X 7' WITH 1" ANCHOR RODS DWG. #691. |
| | | POLE, CITY ALUMINUM, WITH ROUND BAL. HSG. BASE, 25', 28', or 30' ON FND.WITH 14" B.C., ACQUIRED FROM CHICAGO PARK DISTRICT. |
| | | POLE, CITY STEEL, EMBEDDED, 4"X 9"X 35' 7 GA., TAPERED TUBULAR. (DWG. #658) |
| | | POLE, CITY STEEL, EMBEDDED, 4"X 9"X 35' 3 GA., TAPERED TUBULAR. (DWG. #658) |
| | | POLE, CITY STEEL, EMBEDDED. (ACQUIRED FROM CTA) |
| | | COLUMN, ELEVATED STRUCTURE |
| | | POLE, WOOD. (SIZE AS NOTED) |
| | | POLE, FOUNDATION WITH ELBOWS AS INDICATED.(SIZE AS NOTED) |
| | | POLE, ORNAMENTAL OR OTHER, AS INDICATED ON THE PLANS |

| PROPOSED | PRESENT | |
|---|---|---|
| | | HANDHOLE, HEAVY DUTY, 36" I.D. (DWG.#866) |
| | | HANDHOLE, CIRCULAR WITH 24"FRAME & COVER.30"I.D. (#867) |
| | | MANHOLE, CITY 3'X4'X4' DWG. #729 or 730; 4'X6'X6' DWG. #732or 733. |
| | | FOUNDATION, CONTROLLER OR PEDESTAL, 13" B.C.,20"X5' (DWG. #709) |
| | | FOUNDATION, TRAFFIC CONTROLLER DWG. #854. F.A. TERMINAL FND. DWG. #11972 |
| | | FOUNDATION, TRAFFIC TYPE "P", BASE MOUNT. (DWG. #888) |
| | | FOUNDATION, CONTROLLER STREET LIGHT ,SPECIAL, 100A & 200A. (DWG.#876 & # 880) |
| | | FOUNDATION, TRANSCLOSURE; TRANSCLOSURE HOUSING. (DWG.# 583 & #891) |
| | | CONTROLLER, UNDERPASS LIGHTING 120V. & 240V. (DWG. #860 & #861) |
| | | MANHOLE, UTILITY, E=COMMONWEALTH EDISON; T=ILL.BELL TEL.; G=PEOPLES GAS; W=CITY WATER; P=CHGO PARK DISTRICT; CTA=C.T.A; S= SEWER |
| | | JUNCTION BOX, IN PAVEMENT (DWG. #815) |
| | | DETECTOR LOOP IN PAVEMENT |
| | | CONDUIT or P.V.C., NUMBER,SIZE & TYPE. (AS NOTED) |
| 2D | 2D | CONDUIT or P.V.C. ENCASED IN CONCRETE. (SECTION or NUMBER OF CONDUIT INDICATED |
| | | LUMINAIRE, H.P.S.V. 400W LAMP, 240V, SEMI-CUTOFF |
| | | LUMINAIRE, H.P.S.V. 400W LAMP, 240V, CUTOFF |
| | | LUMINAIRE, H.P.S.V. 310W LAMP, 240V |
| | | LUMINAIRE, H.P.S.V. 310W LAMP 240V, CUTOFF |
| | | LUMINAIRE, H.P.S.V. 150W LAMP, 240V |
| | | LUMINAIRE, H.P.S.V. 150W LAMP, 120V |
| | | LUMINAIRE, H.P.S.V. 250W LAMP, 120V, (ALLEY LIGHT) |
| | | LUMINAIRE, H.P.S.V. 250W LAMP, 120V |
| | | TERMINAL, CABINET F.A. & P.C. |
| | | FIRE ALARM BOX, MOUNTED |
| | | FIRE ALARM BOX, POLE MOUNTED |
| PR | PR | CABLE, TRAFFIC SIGNAL, COMMUNICATION, 1-PAIR #14 SHIELDED, IN CONDUIT |
| 2 | 2 | CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2/C- #4, 600 V. EPR. IN CONDUIT |
| III | III | CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2 1/C-#2 or #1/0 600V. EPR IN CONDUIT |
| II | II | CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2/C-#10 or #6, 600V NSRI, IN CONDUIT |
| VII | VII | CABLE, TRAFFIC SIGNAL, 7/C-#12 or #14, 600V, EPR IN CONDUIT |
| X | X | CABLE, TRAFFIC SIGNAL, 10/C-#12 600V. EPR IN CONDUIT |
| XIV | XIV | CABLE, TRAFFIC SIGNAL, 14/C-#14, 600V. EPR IN CONDUIT |
| XIX | XIX | CABLE, TRAFFIC SIGNAL, 19/C-#12 600V, EPR IN CONDUIT |
| 2N | 2N | CABLE, STREET LIGHT, 2 1/C-#6, 600V. RINS IN PARKWAY |
| 2NC | 2NC | CABLE, STREET LIGHT, 2 1/C-#6, 600V. RINS IN CONDUIT |
| 3TC | 3TC | CABLE, STREET LIGHT, 2 1/C-#6 EPRN 600V. & 1 1/C-#8 GREEN, TRIPLEXED,IN CONDUIT |
| 3NC | 3NC | CABLE, STREET LIGHT, 3 1/C-#1/0, or #2/0, or #4, 600V. EPR IN CONDUIT |
| 2W | 2W | WIRE, STREET LIGHT, 2 1/C-#6, HDNS. AERIAL |
| 3W | 3W | WIRE, STREET LIGHT, 2 1/C-#6 & 1 1/C #8, HDNS. AERIAL |
| III | III | CABLE, STREET LIGHT AERIAL, 3 1/C-#4 or #2 SELF SUPPORTING, 600V EPR |
| W FA | W FA | WIRE, F.A. & P.C. AERIAL, 1/C-#10, NUMERAL DENOTES QUANTITY |
| PR | PR | CABLE, F.A. & P.C. AERIAL, W/ MESSENGER #19-(NUMBER OF PAIRS AS INDICATED) |
| 6 PR | 6 PR | CABLE, F.A. & P.C. AERIAL, SELF SUPPORTING, #19-(NUMBER OF PAIRS AS INDICATED) |
| 37 PR | 37 PR | CABLE, F.A. & P.C., IN CONDUIT, #19-(NUMBER OF PAIRS AS INDICATED) |
| | | DOWNLIGHT ASSEMBLY. (DWG. #850) |
| | | LIGHT, TRAFFIC SAFETY ISLAND |
| | | FLASHING BEACON & DOWNLIGHT |

## ORNAMENTAL LUMINAIRES

| PROPOSED | EXISTING | | |
|---|---|---|---|
| | | 310W PENDANT | (240V) |
| | | 400W PENDANT | (240V) |
| | | 250W PENDANT | (240V) |
| | | 150W ACORN | (120V) |
| | | 150W ACORN | (240V) |
| | | 50W ACORN | (240V) |
| | | 100W ACORN | (240V) |
| | | 150W GLOBE | (240V) |
| | | 100W GLOBE | (240V) |
| | | 50W GLOBE | (240V) |

| DATE | REVISION | |
|---|---|---|
| C 04-01-02 | REVISED/REDRAW | R.POOL/B.I. |
| B 12-4-01 | ADDED ORNAMENTAL SYMBOLS | |
| A 8-6-96 | REDRAWN | |

# STANDARD CODE FOR TRAFFIC SIGNALS/ STREET LIGHTING

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

| | | |
|---|---|---|
| DRAFTSMAN: R. IVY | CHIEF DRAFTSMAN: R. CARTER | ENGINEER: R. POOL/R.C/W.T. |
| SUPERVISING ENGINEER: | ELEC. DESIGN ENGR. | DWG. NO. |
| ENGINEER OF ELECTRICITY | | 826 |
| GEN'L SUPT. OF CONSTRUCTION | | |
| DEPUTY COMMISSIONER | | |
| SIZE: 22" \| 36" | SCALE: | DATE: |

KNIGHT
Engineers & Architects

| REVISIONS | |
|---|---|
| NAME | DATE |
| | |
| REVISED | 04/15/05 |

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)

CITY OF CHICAGO
BUREAU OF ELECTRICITY STANDARDS

SCALE: NONE — DRAWN BY: B.S.B.
DATE: MARCH 25, 2005 — CHECKED BY: A.S.N.

FILE: L:\6592.02\Cad\Sheets\Revised ITB\04-05\6592.02 t-Std Rd\Rev04505.dgn