| | | | | TRAFFIC | SIGNA | L LEGEN | <u>ID</u> | | | | |
|--|-------------------------|--------------|---------------|--|------------------|--|--------------------------|--|------------|--------------------|---|
| ITEM | REMOVAL | EXISTING | PROPOSED | ITEM | REMOVAL | EXISTING | PROPOSED | ITEM | REMOVAL | EXISTING | PROPOSED |
| CONTROLLER CABINET | ≥ R | \boxtimes | | EMERGENCY VEHICLE LIGHT DETECTOR | R _≪ √ | | . ◀ | ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE | | , <u> </u> | |
| RAILROAD CONTROL CABINET | | B | | CONFIRMATION BEACON | Ro-0 | 0-0 | H | No. 11 17 d, divices noted officialist | | _/ : | |
| COMMUNICATIONS CABINET | C C | ECC | CC | HANDHOLE | R 🖂 | | | COAXIAL CABLE | | _ ©— | () () () () () () () () () () |
| MASTER CONTROLLER | | EMC | MC | HANDROLE | | | | | | | |
| MASTER MASTER CONTROLLER | D | EMMC | MMC | HEAVY DUTY HANDHOLE | Ħ | H | H | VENDOR CABLE FOR CAMERA | | (v) | — V |
| UNINTERRUPTIBLE POWER SUPPLY | UPS | EUPS | UPS | DOUBLE HANDHOLE | R SS | <u> </u> | | COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED | | <u> </u> | <u></u> |
| SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT | -DR | - <u>-</u> P | - <u>P</u> | JUNCTION BOX GALVANIZED STEEL CONDUIT | R | <u>@</u> | | FIBER OPTIC CABLE NO. 62,5/125, MM12F | | <u>(12</u> F) | |
| TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT | R | P | P | IN TRENCH (T) OR PUSHED (P) | | Market and Market | · · · | FIBER OPTIC CABLE | | (24F) | -(24F) |
| STEEL MAST ARM ASSEMBLY AND POLE | R | 0 | • | TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE | _R | | - | NO. 62.5/125, MM12F SM12F | | | |
| ALUMINUM MAST ARM ASSEMBLY AND POLE | R | 0 | | COMMON TRENCH | | | СТ | FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS) | | -5- | <u> </u> |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE | ^R o-× | 0-× | • × · | COILABLE NONMETALLIC CONDUIT (EMPTY) | | | CNC | GROUND ROD AT (C) CONTROLLER, | | | |
| STEEL COMBINATION MAST ARM | RQ | Q | PTZ N | SYSTEM ITEM INTERSECTION ITEM | | S | S IP | (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE | | C | ^c ∥ ⊢ → |
| ASSEMBLY AND POLE WITH PTZ CAMERA | | | | REMOVE ITEM | R | | | CONTROLLER CABINET AND | RCF | | |
| SIGNAL POST TEMPORARY WOOD POLE (CLASS 5 OR | °O R | o , · | • | RELOCATE ITEM | RL | | | FOUNDATION TO BE REMOVED | | | |
| BETTER) 45 FOOT (13.7m) MINIMUM | ^R ⊗ | | | ABANDON ITEM | Α | | | STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED | ORMF | | |
| UY WIRE | >R | > | | 12" (300mm) TRAFFIC SIGNAL SECTION | | R | R | ALUMINUM MAST ARM POLE AND | RMF | | |
| IGNAL HEAD | $\stackrel{\sim}{\sim}$ | > | - | 12" (300mm) RED WITH 8" (200mm) | | | | FOUNDATION TO BE REMOVED | 0 | | |
| IGNAL HEAD CONSTRUCTION STAGES NUMBERS INDICATE THE CONSTRUCTION STAGE) | | | - | YELLOW AND GREEN TRAFFIC SIGNAL FACE | | | | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND | RMF O—X | | |
| GIGNAL HEAD WITH BACKPLATE | +₽\ | +> | + | | | (R) (Y) | R | FOUNDATION TO BE REMOVED | | | |
| IGNAL HEAD OPTICALLY PROGRAMMED | R → "P" | →"P" | → "P" | SIGNAL FACE | | | G ◆Y | SIGNAL POST AND FOUNDATION TO BE REMOVED | RMF | | |
| FLASHER INSTALLATION IS DENOTES SOLAR POWER) | R O-E>"F" | O-D″F″ | ●→ "F" | | | | ◆ G | INTERSECTION & SAMPLING (SYSTEM) DETECTOR | | Is | IS |
| PEDESTRIAN SIGNAL HEAD | R - | -[] | · - | | | | R | SAMPLING (SYSTEM) DETECTOR | | [5] | S |
| PEDESTRIAN PUSHBUTTON DETECTOR | R © | <u></u> | © | SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD | | | Y G | EXISTING INTERSECTION LOOP DETECTOR | ECTOR | Pj | |
| ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR | R ③ APS | @APS | APS | | | | ← Y ← G | PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETI | LOTOR | | |
| ILLUMINATED SIGN 'NO LEFT TURN' | R | (3) | • | | | "p" | "Р" | PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETI | ECTOR | IPP. | |
| LLUMINATED SIGN | R | | | 12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL | | (Dw) | | PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR | | [PIS] | PIS |
| NO RIGHT TURN" | (3) | ® | ® | 12" (300mm) PEDESTRIAN SIGNAL HEAD | | | | PREFORMED SAMPLING (SYSTEM) DETECTOR | | [PS] | PS |
| ETECTOR LOOP, TYPE I | | | | INTERNATIONAL SYMBOL, OUTLINED | | | | | | | |
| PREFORMED DETECTOR LOOP | | [P] | Р | 12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID | | (| * | RAILROAD | SYMBO | DLS | |
| MICROWAVE VEHICLE SENSOR | R [M][] | (M) | M | PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER | | | ₽ C ★ D | | | EXISTING | PROPOSED |
| IDEO DETECTION CAMERA | ^R . (√)1 | | ① | RADIO INTERCONNECT | - - R | | ##•• | RAILROAD CONTROL CABINET | | | ₽- <8 |
| VIDEO DETECTION ZONE | - | | | | | | <u> </u> | RAILROAD CANTILEVER MAST ARM | 2 | (O <u>X</u> — X X | X OX X X |
| PAN, TILT, ZOOM CAMERA | R PTZÍJ | | <u></u> | RADIO REPEATER DENOTES NUMBER OF CONDUCTORS, ELECTRIC | RERR | ERR | RR | FLASHING SIGNAL | | 202 | XOX |
| | RW | (W) | W | CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED | | | _5_ | CROSSING GATE | | 202> | X-X- |
| WIRELESS DETECTOR SENSOR | . R | | | GROUND CABLE IN CONDUIT | | (1) | | CROSSBUCK | | ≥ ≤ | * |
| WIRELESS ACCESS POINT | | | | NO. 6 SOLID COPPER (GREEN) | | | | | | | |

| FILE NAME = 102589METR01-4.DWG | USER NAME = | DESIGNED — RJD | REVISED — | | |
|--------------------------------|--------------|-----------------|-----------|--|--|
| | FILE NAME == | DRAWN — EC | REVISED — | | |
| • | PLOT SCALE = | CHECKED — RJD | REVISED — | | |
| | PLOT DATE = | DATE - 01/19/10 | REVISED | | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| DISTRICT ONE STANDARDS TRAFFIC SIGNAL DESIGN DETAILS | | | | | |
|--|---------------|---------------------------|--|--|--|
| | SCALE: N.T.S. | SHEET NO. 36 OF 75 SHEETS | | | |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | |
|---------------------------|----------------|----------|-----------------|--------------|--|--|
| | 10-00073-00-SW | LAKE | 75 | . 36 | | |
| | | CONTRACT | NO. 63 | 3467 | | |
| ILLINOIS FED. AID PROJECT | | | | | | |