TRAFFIC SIGNAL LEGEND **EXISTING EXISTING** REMOVAL PROPOSED ITEM REMOVAL **PROPOSED** REMOVAL **EXISTING PROPOSED** ELECTRIC CABLE IN CONDUIT, TRACER, $\mathbb{R}_{\mathbb{Q}}$ \boxtimes EMERGENCY VEHICLE LIGHT DETECTOR G< ___(1)___ CONTROLLER CABINET \boxtimes \leftarrow NO. 14 1/C, UNLESS NOTED OTHERWISE $R_{\circ - 0}$ RAILROAD CONTROL CABINET **3** $\triangleright \blacktriangleleft$ CONFIRMATION BEACON ⊶(] - (—(c)— COAXIAL CABLE R □ E C C СС COMMUNICATIONS CABINET СС HANDHOLE MASTER CONTROLLER EMC MC VENDOR CABLE FOR CAMERA Н \mathbb{H} HEAVY DUTY HANDHOLE MASTER MASTER CONTROLLER EMMC MMC $^{\mathsf{R}}$ COPPER INTERCONNECT CABLE, UPS EUPS UPS \square UNINTERRUPTIBLE POWER SUPPLY DOUBLE HANDHOLE NO. 18 3 PAIR TWISTED, SHIELDED R 0 O JUNCTION BOX SERVICE INSTALLATION, -D^F -D-F FIBER OPTIC CABLE (P) POLE OR (G) GROUND MOUNT GALVANIZED STEEL CONDUIT NO. 62.5/125, MM12F ____ IN TRENCH (T) OR PUSHED (P) TELEPHONE CONNECTION P. FIBER OPTIC CABLE (P) POLE OR (G) GROUND MOUNT -24F)-TEMPORARY SPAN WIRE, TETHER WIRE, NO. 62.5/125, MM12F SM12F STEEL MAST ARM ASSEMBLY AND POLE AND CABLE FIBER OPTIC CABLE NO. 62.5/125, ALUMINUM MAST ARM ASSEMBLY AND POLE COMMON TRENCH CT (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS) COILABLE NONMETALLIC CONDUIT (EMPTY) CNC STEEL COMBINATION MAST ARM 0 = x_A—A— ASSEMBLY AND POLE WITH LUMINAIRE GROUND ROD AT (C) CONTROLLER, SYSTEM ITEM (H) HANDHOLE, (P) POST, (M) MAST ARM, STEEL COMBINATION MAST ARM OR (S) SERVICE ΙP INTERSECTION ITEM PTZ PIZ PTZ11 ASSEMBLY AND POLE WITH PTZ CAMERA CONTROLLER CABINET AND REMOVE ITEM SIGNAL POST 0 \times R_O FOUNDATION TO BE REMOVED RELOCATE ITEM TEMPORARY WOOD POLE (CLASS 5 OR \otimes $^{\mathsf{R}}\!\!\otimes\!$ BETTER) 45 FOOT (13.7m) MINIMUM STEEL MAST ARM POLE AND ABANDON ITEM FOUNDATION TO BE REMOVED R GUY WIRE 12" (300mm) TRAFFIC SIGNAL SECTION ALUMINUM MAST ARM POLE AND SIGNAL HEAD \rightarrow FOUNDATION TO BE REMOVED 12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE SIGNAL HEAD CONSTRUCTION STAGES STEEL COMBINATION MAST ARM ASSEMBLY (NUMBERS INDICATE THE CONSTRUCTION STAGE) AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED + \triangleright R SIGNAL HEAD WITH BACKPLATE + + SIGNAL POST AND FOUNDATION G ◆Y ◆G RMF SIGNAL HEAD OPTICALLY PROGRAMMED --->''P' **→**"P' -.∵ ''P'' SIGNAL FACE TO BE REMOVED FLASHER INSTALLATION O-⊠″F″ **⊕**→"F" O-D''F'' INTERSECTION & SAMPLING IS (S DENOTES SOLAR POWER) IS (SYSTEM) DETECTOR R -PEDESTRIAN SIGNAL HEAD -0 S S SAMPLING (SYSTEM) DETECTOR SIGNAL FACE WITH BACKPLATE. PEDESTRIAN PUSHBUTTON DETECTOR 0 EXISTING INTERSECTION LOOP DETECTOR "P" INDICATES PROGRAMMED HEAD P PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR ® APS (©) APS APS EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR ILLUMINATED SIGN 9 (3) **9** "NO LEFT TURN" (W) (W) 12" (300mm) PEDESTRIAN SIGNAL HEAD PREFORMED INTERSECTION AND SAMPLING WALK/DON'T WALK SYMBOL (SYSTEM) DETECTOR ILLUMINATED SIGN $^{\odot}$ **®** "NO RIGHT TURN" PS PS 12" (300mm) PEDESTRIAN SIGNAL HEAD PREFORMED SAMPLING (SYSTEM) DETECTOR INTERNATIONAL SYMBOL, OUTLINED DETECTOR LOOP, TYPE I 12" (300mm) PEDESTRIAN SIGNAL HEAD **RAILROAD SYMBOLS** P INTERNATIONAL SYMBOL, SOLID PREFORMED DETECTOR LOOP PEDESTRIAN SIGNAL HEAD, INTERNATIONAL MICROWAVE VEHICLE SENSOR \mathbb{M} [M]**4** SYMBOL. WITH COUNTDOWN TIMER **EXISTING** PROPOSED $\sqrt{1}$ VIDEO DETECTION CAMERA ∇ RAILROAD CONTROL CABINET ▶⋖ RADIO INTERCONNECT ###0 VIDEO DETECTION ZONE RAILROAD CANTILEVER MAST ARM $X \circ X = X$ XXXX R ERR ERR RR RADIO REPEATER $\times \circ \times$ $\mathbf{X} \mathbf{O} \mathbf{X}$ FLASHING SIGNAL PTZ|1 ₽ĨZ PAN, TILT, ZOOM CAMERA PTZ)1 DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, (5) CROSSING GATE $\times \circ \times \sim$ XOX-R(W)ALL DETECTOR LOOP CABLE TO BE SHIELDED (W) (W)WIRELESS DETECTOR SENSOR CROSSBUCK \geq \rightarrow GROUND CABLE IN CONDUIT WIRELESS ACCESS POINT NO. 6 SOLID COPPER (GREEN) FILE NAME = USER NAME = ZACH WALLSTEN DESIGNED - DAD/BCK REVISED -DISTRICT ONE SECTION COUNTY STATE OF ILLINOIS REVISED -4085,879 - TR1,dwd DRAWN - BCK 339 2011-211-TS COOK 26 10 STANDARD TRAFFIC SIGNAL DESIGN DETAILS

DEPARTMENT OF TRANSPORTATION CHECKED - DAD REVISED -TS-05 CONTRACT #: 60R51 SHEET NO. 6 OF 6 SHEETS STA. PLOT DATE = 2/1/2012 DATE - 10-28-09 REVISED -