COUNTY SHEETS KAME CABLE PLAN LEGEND CABLE PLAN (1) REPLACE EXISTING CONTROLLER AND MALFUNCTION MANAGEMENT UNIT. (2) ALL EXISTING CONFIRMATION BEACONS SHALL BE RETROFITTED WITH L.E.D. INDICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR THE PAY ITEM: UNINTERRUPTIBLE POWER SUPPLY. 3 REPLACE EXISTING FIBER OPTIC INTERCONNECT CENTER. No. 6 4 REPLACE EXISTING UNINTERRUPTIBLE POWER SUPPLY. NEW CABINET ENCLOSURE TO BE POWDER COATED BROWN TO MATCH EXISTING TRAFFIC SIGNAL CABINET. THIS WORK SHALL BE INCLUDED IN THE COST FOR THE PAY ITEM: UNINTERRUPTIBLE POWER SUPPLY. 5 UPGRADE EXISTING VIDEO DETECTION TO COMMUNICATE OVER ETHERNET. · 2 | 6 INSTALL NEW 50"x67" PAD FOR UNINTERRUPTIBLE POWER SUPPLY. **₽** C 3 -3 THEREOF DETECTOR, INDUCTION LODGE SCHEDULE OF QUANTITIES - 60.32 REED-0-10-11-0 ITEM UNIT TOTAL PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SQ FT 24 STONAL FACE WITH BACKPLATE PRINTING THAT MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION FABYAN PKWY 1 EACH [\$[\$]\$]-(S)-FULL-ACTUATED CONTROLLER IN EXISTING CABINET, SPECIAL EACH 1 **)** (C.H. 8)REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH 43-E EACH 1 Toward . pay took towners cohike: ---UNINTERRUPTIBLE POWER SUPPLY EACH LICENTINATATE SITAN, FIRES OFFICE THE STATE OF THE TERMINATE FIBER IN CABINET EACH THE SIGHT TORY MODIFY VIDEO PROCESSING UNIT 1 EACH FIBER OPTIC INTERCONNECT CENTER EACH 1 CONTROLLER CO EACH 6 Pales (AN HE OF EVER 100 AL YES) (PO DIE NAS) NEW FILE SAK TRACER CABLE UPS BATTERY BACK-UP CABINET EACH 1 5 di-o 5 di- SHOUND BEO AT FIFETRE SERVECE INSTALLATION VIDEO ENCODER, VIDEO DETECTION SYSTEM EACH 1 ○ OFFICIAL CASES IN CONTINUE, NO. 6 SELEO COPPER ICHEFAI 3---MALFUNCTION MANAGEMENT UNIT EACH ◆ NO. 52.97075 MM 12F & SM 52F, FIBER 0PTZ CABEF T DEST ETHERNET MANAGED SWITCH, TYPE 1 EACH (6) NO. 8281 COAXIAL CAPLE WAS AUTO DE LECTION CHICKE X FEMINATHE SOLICE VARYS 1891Z MOUNT PROTECTED CO. CONT. JOB W. 120 Y BALLAS' THE LIGHT DETECTORS AND LIGHT INTERCONNECT TO RANDALL ROZD CONTROLLER. DETECTOR AMPLIFIER FOR THIS PROJECT SHALL BE "3M OPTICOM" TO MEET LOCAL FIRE DEPARTMENT WALMART ACCESS DR RIGHT TURN OVERLAP PHASE DESIGNATION THE TRAFFIC SIGNAL CONTROL PROTECTED EQUIPMENT FOR THIS PROJECT PHASE LETTER SHALL BE "EAGLE" TO MATCH A = 3 CONTROLLER SEQUENCE NOTE: ALL TRAFFIC SIGNAL POSTS. POLES. .0 THE EXISTING ADJACENT MAST ARM ASSEMBLY, CONTROLLER CABINET. SHROUDS. LIGHTING MAST ARMS AND LUMINAIRES SHALL BE POWDER COATED "DARK BRONZE. @ (1) EMERGENCY VEHICLE PREEMPTION SEQUENCE TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS ALL INDICATIONS SHALL BE LED WATTAGE FABYAN PKW) (C.H. 8) NG. OF LAMPS XINCAMD LED XX OPERATIONS RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITER SUCH AS FOUNDATION, CONDUCT, HAMDHOLE, FRENCH, AND BACKFILL, ETC., AND HO EXTRA COMPENSATION SHALL BE ALLOWED. ALL RADDAYS SUFFACES SUCH AS SHOULDEDS, HEDRAN, SIDERALKS, PRESENT, FIC. SHALL BE REPLACED IN KINDA ALL BRANGE TO NOVED LAWAS SHALL BE REPLACED IN STANDARD APPROVED BOD, AND ALL DARROE TO INVIOUS LAWAS SHALL BE SEEDED IN ACCORDANCE MITH STANDARD FABY AN FIRW (C.H. 8) 100 SPECIFICATIONS 252 AND 250 RESPECTIVELY. T(4)-LEGEND EMERGENCY VEHICLE PREEMPTORS - FI SINGLE ENTRY PHASE 0.50

TOTAL = 1025.4 FOUNMATION (DEPTH) FT. (m) CABLE SLACK FT. (m) VERTICAL FT. (m)

TYPE A - POST 4 (1.2) HANDHOLE 6.5 (2.0) ALL FOUNDATIONS 3.5 (1.1)

D - CONTROLLER 6 (1.2) DOUBLE HANDHOLE 13 (4.0) MAST ARM (L) POLE 5 SIGNAL POST 2 (1.0)

24" (600mm) 10 (3.0) CONTROLLER CAB. 1 (0.5) BRACKET MOUNTED 13 (6.0)

30" (750mm) 15 (4.6) FIBER OPTIC 13 (4.0) PDL PUSHBUTTON 6 (1.2)

GROUND CABLE 1 (0.5) SERVICE TO GROUND 13.5 (6.1)

GROUND CABLE 1 (0.5) SERVICE TO GROUND 13.5 (6.1) - (*)- DUAL ENTRY PHASE **EMERGENCY VEHICLE** PREEMPTOR -OE OVERLAP - D- PEDESTRIAN PHASE WALMART ACCESS DR GENEVA, ILLINOIS 60134 NUMBER REFERS TO ASSOCIATED PHASE. MOVEMENT ENERGY SUPPLY - CONTACT: MS. JEMNIFER HILKEMANN PHONE: (630) 232-1503 PHASE DESIGNATION DIAGRAM COMPANY: CITY OF GENEVA REVISIONS CABLE PLAN, PHASE DESIGNATION DIAGRAM AND FILE NAME: METRO TRANSPORTATION GROUP, INC. 17_6p_000-dg NO. DATE DESCRIPTION SCHEDULE OF QUANTITIES TRAFFIC ENGINEERING, TRANSPORTATION PLANNING DATES JAN. 30: 2004 AND SIGNAL SYSTEMS/DESIGN FABYAN PKWY (C.H. 8) @ WALMART ACCESS DR PROJECT No.: 1300 GREENBROOK, HANOVER PARK, IL 60133 PH# 630 213-1000 BATAVIA/GENEVA, ILLINOIS

REVISED

REVISED

REVISED

REVISED

DESIGNED - ABR

- MJT

AUGUST 31, 2010

DRAWN

DATE

CHECKED

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE **FABYAN PARKWAY AND WALMART** SHEET NO. OF SHEETS STA. --

SHEETS NO. SECTION COUNTY KANE 336 09-00237-02-TL 100 43 CONTRACT NO. 63525 ILLINOIS FED. AID PROJECT

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION