

CONTRACT NO. 62479

SCHEDULE OF QUANTITIES

FRANKFORT FPD* <u>UNIT</u> QUANTITY QUANTITY <u>ITEM</u> SQ FT SIGN PANEL - TYPE 1 13.5 SQ FT 30 SIGN PANEL - TYPE 2 CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL FOOT 507 CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL FOOT 60 FOOT 25 CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL FOOT 209 CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL FOOT 470 HANDHOLE FACH HEAVY-DUTY HANDHOLE EACH DOUBLE HANDHOLE EACH TRENCH AND BACKFILL FOR ELECTRICAL WORK FOOT 546 ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C FOOT 1406 ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C FOOT 1831 ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C FOOT 1377 ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C FOOT 1760 ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR FOOT 2412 ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C FOOT 31 STEEL MAST ARM ASSEMBLY AND POLE, 60 FT. EACH STEEL MAST ARM ASSEMBLY AND POLE, 62 FT. EACH STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 50 FT. AND 18 FT. FACH STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 52 FT. AND 26 FT. FACH FOOT CONCRETE FOUNDATION, TYPE C CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER FOOT 32 CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER FOOT 42 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER EACH TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM EACH 12 INDUCTIVE LOOP DETECTOR EACH 10 * LIGHT DETECTOR EACH * LIGHT DETECTOR AMPLIFIER FACH PEDESTRIAN PUSH-BUTTON PREFORMED DETECTOR LOOP FACH FOOT 956 FULL ACTUATED CONTROLLER AND CABINET (SPECIAL) EACH SERVICE INSTALLATION - POLE MOUNTED EACH UNINTERRUPTABLE POWER SUPPLY EACH ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C FOOT 723 * ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED FOOT 369

* - 100% COST TO THE FRANKFORT FIRE PROTECTION DISTRICT

CONTROLLER SEQUENCE PHASE DESIGNATION DIAGRAM EMERGENCY VEHICLE PREEMPTION SEQUENCE

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS WATTAGE WATTAGE TYPE * %OPERATION NO. LAMPS INCAND. LED 87.5 52.5 ARROW ILLUM. SIGN 578.2 ENERGY COSTS TO: TOTAL = ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: MARK ANDERSON PHONE: (815) 724-5988

PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

PROPOSED INTERCONNECT

END OF TRACER CABLE SHALL BE CONTNUOUS AND EXTEND INTO THE CONTROLLER CABINET

TO ELSNER ROAD

U.S. RTE. 30 (LINCOLN HWY LEGEND → (*) DUAL ENTRY PHASE SINGLE ENTRY PHASE OL OVERLAP (3) (8) → PEDESTRIAN PHASE NUMBER REFERS TO ASSOCIATED PHASE

NO. 6

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U.S. RTE. 30

(LINCOLN HWY)

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-NO. 14, TRACER CABLE

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CABLE PLAN

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U.S. RTE. 30 (LINCOLN HWY)

END OF TRACER CABLE SHALL BE CONTNUOUS AND EXTEND INTO THE CONTROLLER CABINET

PROPOSED INTERCONNECT

PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

1/C, NO. 6 (GREEN)

3-1/C, NO. 6 (GREEN)

TO US RTE. 45

-NO. 6

-NO. 20 *

NO. 14, TRACER CABLE

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U.S. RTE. 30

(LINCOLN HWY)

ST.

EMERGENCY VEHICLE PREEMPTORS

PROPOSED EMERGENCY VEHICLE PREEMPTORS 4 MOVEMENT

REVISIONS NAME

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAYEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION CABLE PLAN, PHASE DESIGNATION
DIAGRAM, EMERGENCY VEHICLE
PREEMPTION, SCHEDULE OF
QUANTITIES

US RTE. 30 AT LOCUST STREET

DRAWN BY : RG SCALE : 1" = NTS DESIGNED BY : GB CHECKED BY : ZH DATE: 10/12/2010

COMPANY: COM. ED.

ECONOLITE # 144