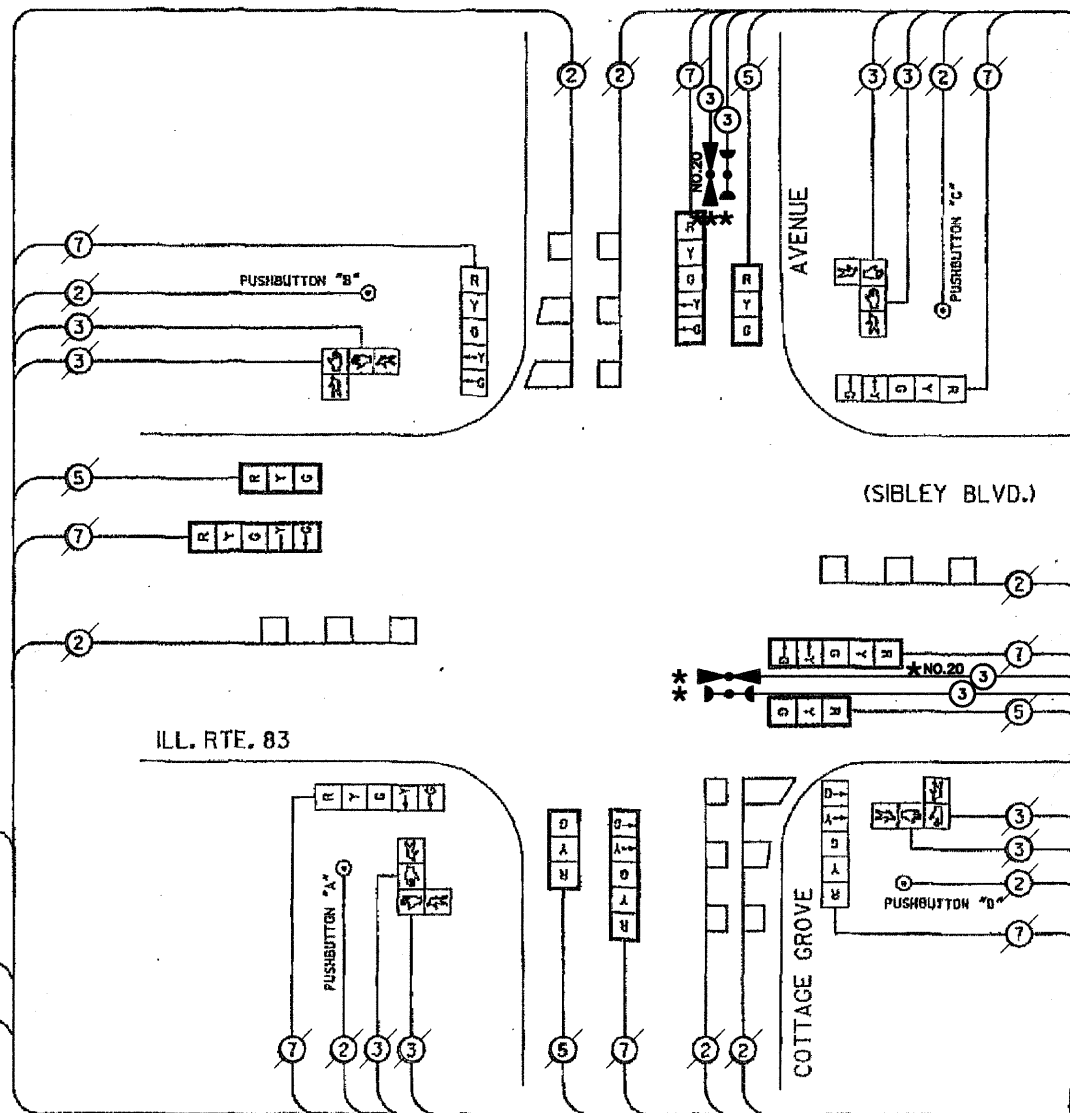


SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
5.4	SD M	SIGN PANEL - TYPE 2
4	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, 2-FACE, BRACKET MOUNTED
0	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 8.53 METER
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 9.14 METER
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 12.19 METER
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 14.02 METER
1	EACH	FIBER-ACTIVATED CONTROLLER AND TYPE IV CABINET
1	EACH	INDUCTIVE LOOP DETECTOR
217.6	METER	DETECTOR LOOP, TYPE I
4	EACH	PEDESTRIAN PUSH-BUTTON
19	METER	CONDUIT IN TRENCH, 100MM DIA, GALVANIZED STEEL
144.2	METER	CONDUIT IN TRENCH, 50MM DIA, GALVANIZED STEEL
18.4	METER	CONDUIT IN TRENCH, 60MM DIA, GALVANIZED STEEL
17.9	METER	CONDUIT IN TRENCH, 100MM DIA, GALVANIZED STEEL
20.1	METER	CONDUIT PIPED, 50MM DIA, GALVANIZED STEEL
66.5	METER	CONDUIT PIPED, 100MM DIA, GALVANIZED STEEL
28.5	METER	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
181.4	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
382.8	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
224.6	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
432.2	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
449.8	METER	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 RAR
1	EACH	SERVICE INSTALLATION, TYPE C
1.2	METER	CONCRETE FOUNDATION, TYPE D
3	METER	CONCRETE FOUNDATION, TYPE E 600MM DIAMETER
13.72	METER	CONCRETE FOUNDATION, TYPE E 750MM DIAMETER
5	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
1	EACH	DOUBLE HANDHOLE
230	METER	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	REMOVE EXISTING HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	TRANSCEIVER - FIBER OPTIC

CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		8" (200 mm) TRAFFIC SIGNAL SECTION
		12" (300 mm) TRAFFIC SIGNAL SECTION
		12" (300 mm) PEDESTRIAN SIGNAL SECTION
		12" (300 mm) PEDESTRIAN SIGNAL SECTION
		CONTROLLER CABINET
		SERVICE INSTALLATION
		VEHICLE DETECTOR, INDUCTION LOOP
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		DENOTES NUMBER OF CONDUCTORS.
		ALL CABLE NO. 14 EXCEPT AS INDICATED.
		ALL LOOP DETECTOR CABLE TO BE SHIELDED.
		SIGNAL FACE WITH BACKPLATE.
		"P" INDICATES PROGRAMMED HEAD.
		NO. 62.5/125 12F FIBER OPTIC CABLE



THE END OF THE TRACER CABLE SHALL BE TIED TO A CABLE HOOK IN THE DOUBLE HANDHOLE CLOSEST TO THE CONTROLLER FOUNDATION.

TRACER CABLE  
INTERCONNECT TO CHICAGO ROAD  
No. 62.5/125 12F FIBER OPTIC CABLE

INTERCONNECT TO FIRE STATION EMERGENCY VEHICLE PUSHBUTTON ASSEMBLY (SEE INTERCONNECT PLAN)

THE END OF THE TRACER CABLE SHALL BE TIED TO A CABLE HOOK IN THE DOUBLE HANDHOLE CLOSEST TO THE CONTROLLER FOUNDATION.

TRACER CABLE  
INTERCONNECT TO ENGLE PLACE  
No. 62.5/125 12F FIBER OPTIC CABLE

NOTE:  
PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.  
PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.  
PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8.  
PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

\* SCHEDULE OF QUANTITIES

ITEM	UNIT	QUAN
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	306
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	306

\* THIS PLAN IS FOR THE PURPOSE OF INSTALLING EMERGENCY VEHICLE PREEMPTION EQUIPMENT AS SHOWN PER PLAN INDICATED IN THE SCHEDULE OF QUANTITIES. ALL OTHER EQUIPMENT SHOWN SHALL BE DISREGARDED.

\* ADDED EV PREEMPTION LOCATION NO. 4

FILE NAME = 0924-PLAN-06 - IDOT P02

USER NAME =	DESIGNED - MRS	REVISED - 10-13-09 *
PLOT SCALE =	CHECKED - PKB	REVISED -
PLOT DATE = 10-13-09	DRAWN - PS	REVISED -
	CHECKED - AG	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED EMERGENCY VEHICLE PREEMPTION  
IL ROUTE 83 (SIBLEY BOULEVARD) & COTTAGE GROVE AVENUE  
SCHEDULE OF QUANTITIES, CABLE PLAN, & PHASE DESIGNATION DIAGRAM

SCALE: NTS SHEET NO. 12 OF 43 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	09-00114-00-TL	COOK	43	12
CONTRACT NO. 63317				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(336)				