

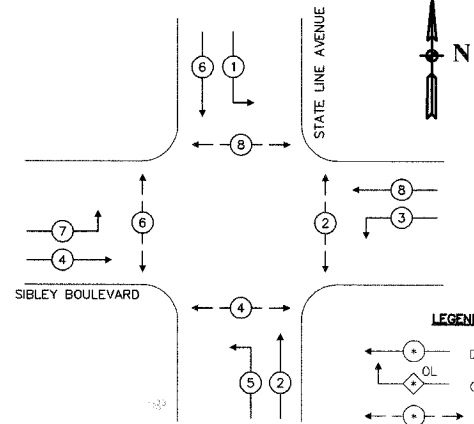
F. A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00146-00-TL	COOK		273	082
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63003

CABLE PLAN LEGEND

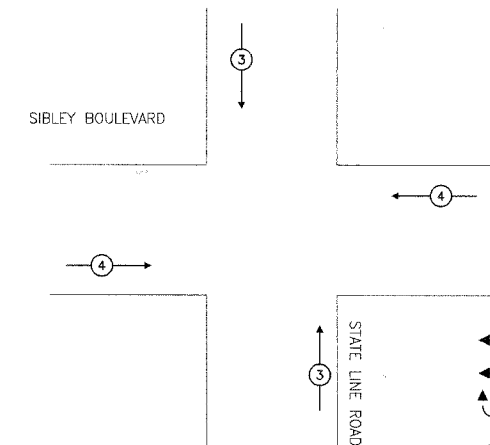
- | | | |
|-----------------|-----------------|---|
| EXISTING | PROPOSED | |
| [Symbol] | [Symbol] | 8" TRAFFIC SIGNAL SECTION |
| [Symbol] | [Symbol] | 12" TRAFFIC SIGNAL SECTION |
| [Symbol] | [Symbol] | 12" PEDESTRIAN SIGNAL SECTION |
| [Symbol] | [Symbol] | 12" PEDESTRIAN SIGNAL SECTION |
| [Symbol] | [Symbol] | CONTROLLER CABINET |
| [Symbol] | [Symbol] | SERVICE INSTALLATION |
| [Symbol] | [Symbol] | TELEPHONE CONNECTION |
| [Symbol] | [Symbol] | MAGNETIC DETECTOR |
| [Symbol] | [Symbol] | EMERGENCY VEHICLE LIGHT DETECTOR |
| [Symbol] | [Symbol] | CONFIRMATION BEACON |
| [Symbol] | [Symbol] | PUSHBUTTON DETECTOR |
| [Symbol] | [Symbol] | VEHICLE DETECTOR, INDUCTION LOOP |
| [Symbol] | [Symbol] | 2 DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED. |
| [Symbol] | [Symbol] | SIGNAL FACE WITH BACKPLATE |
| [Symbol] | [Symbol] | "P" INDICATES PROGRAMMED HEAD |
| [Symbol] | [Symbol] | RAILROAD CONTROL CABINET |
| [Symbol] | [Symbol] | ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN" |
| [Symbol] | [Symbol] | ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN" |
| [Symbol] | [Symbol] | H/C GROUND ROD AT HANDHOLE, DOUBLE HANDHOLE, OR CONTROLLER |
| [Symbol] | [Symbol] | P GROUND ROD AT POST OR MAST ARM POLE |
| [Symbol] | [Symbol] | S GROUND ROD AT ELECTRIC SERVICE INSTALLATION |

PROPOSED CONTROLLER SEQUENCE



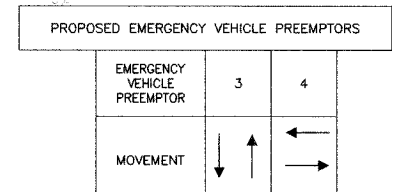
- LEGEND**
- [Symbol] DUAL ENTRY PHASE
 - [Symbol] OVERLAP
 - [Symbol] PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

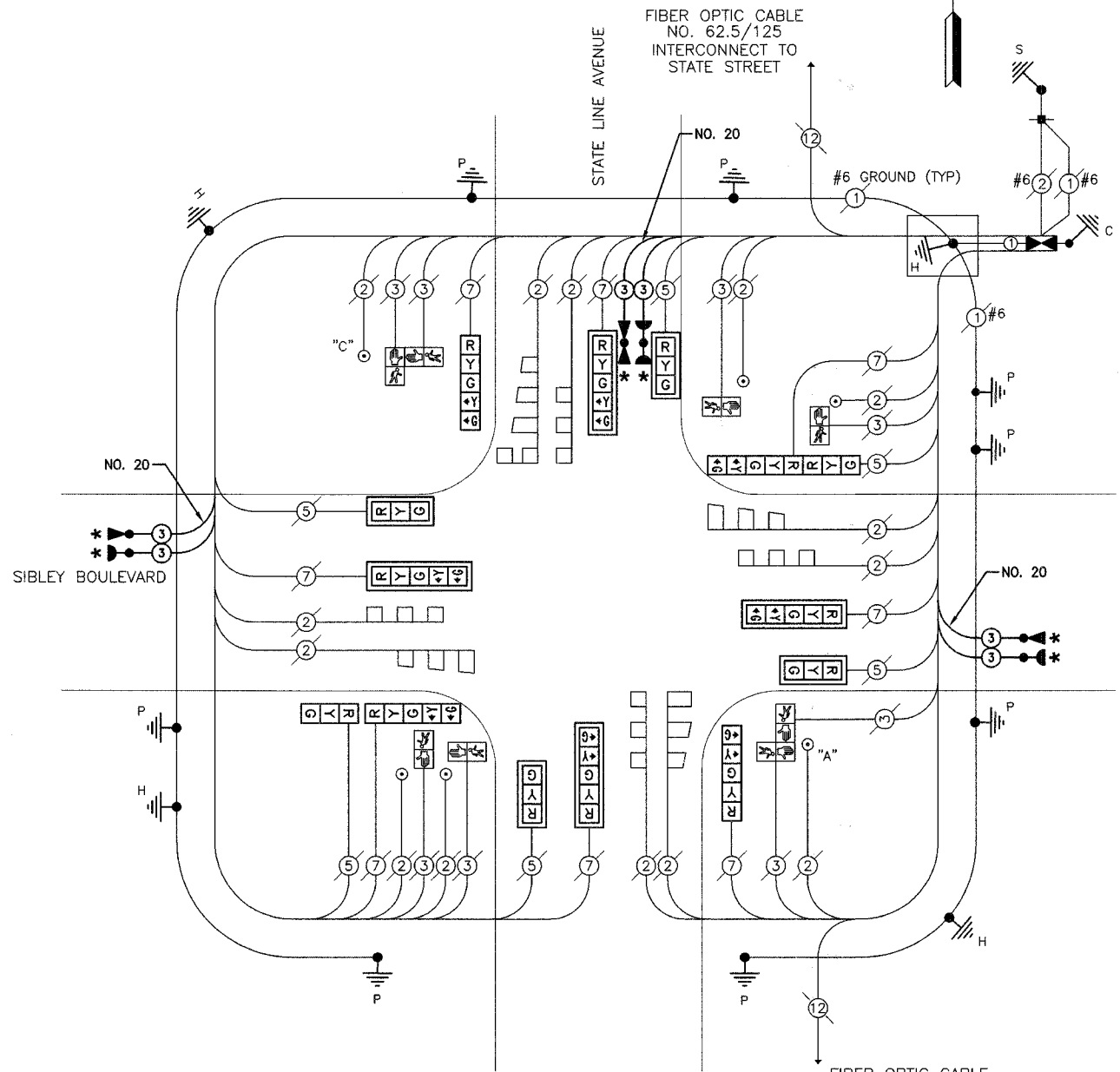


- LEGEND**
- [Symbol] DUAL ENTRY PHASE
 - [Symbol] SINGLE ENTRY PHASE
 - [Symbol] OVERLAP
 - [Symbol] PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

EMERGENCY VEHICLE PREEMPTION SEQUENCE



SCHEDULE OF QUANTITIES		
PAY ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	541
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	541



CABLE PLAN

NOTE

* 1. 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.

* PLANS MODIFIED BY ROBINSON ENGINEERING, LTD

REVISIONS	
NAME	DATE
ADDED EV PREEMPTION	01/02/08

CITY OF CALUMET CITY LOCATION NO. 32

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED EMERGENCY VEHICLE PREEMPTION CABLE PLAN, PHASE DESIGNATION DIAGRAM & SCHEDULE OF QUANTITIES

STATE LINE ROAD & SIBLEY BOULEVARD

SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

ROBINSON ENGINEERING, LTD.
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(708) 331-8700 FAX (708) 331-3826
ILLINOIS DESIGN FIRM REGISTRATION NO. 02001128

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