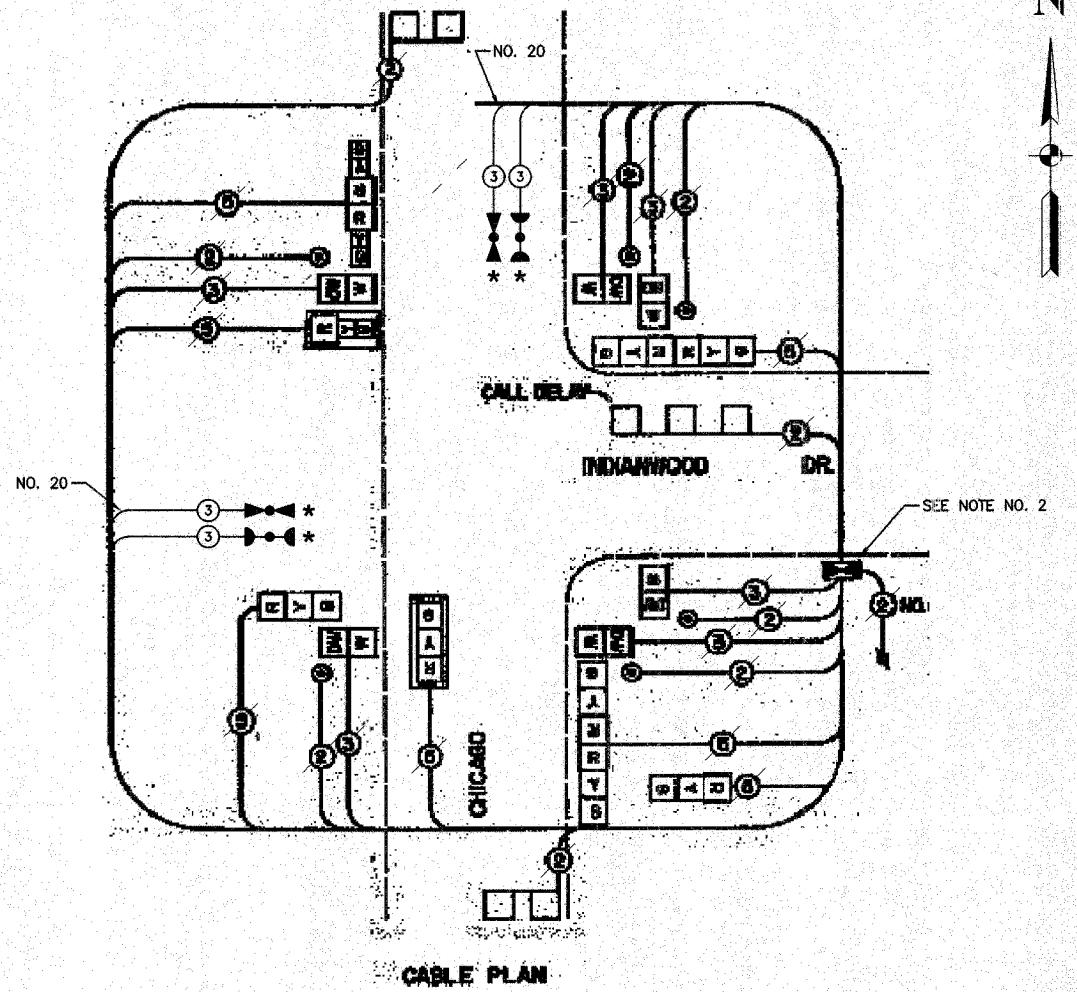
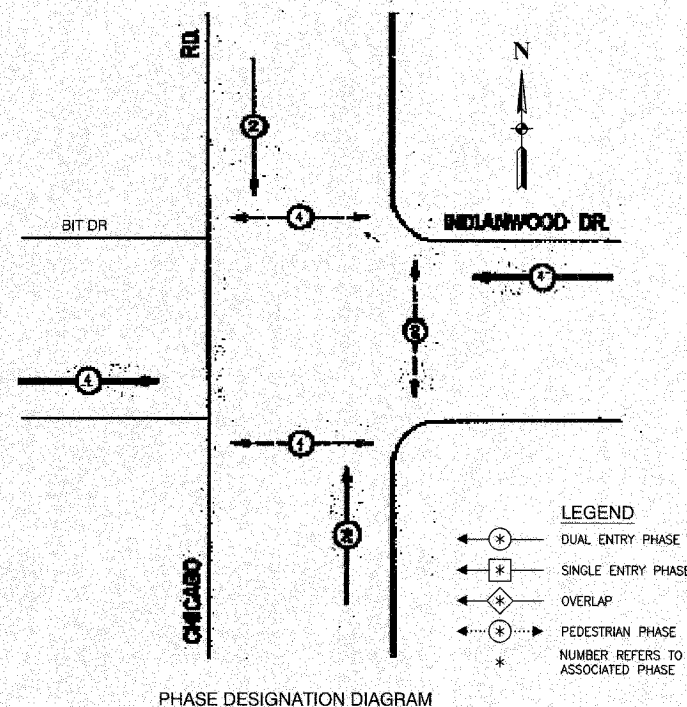


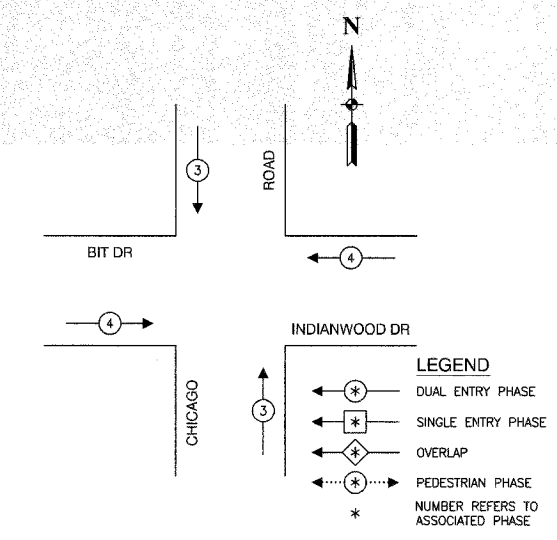
F. A. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00146-00-TL	COOK	273	269
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63003



CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
[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 EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑	→

SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QUANTITY
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	400
SIDEWALK REMOVAL	SQ FT	400
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	5
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	228
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	1
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
RELOCATE EXISTING SIGNAL HEAD	EACH	1
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	15
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	228

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.

2. THE EXISTING TRAFFIC SIGNAL CONTROLLER SHALL BE REMOVED AND REPLACED IN THE EXISTING CONTROLLER CABINET. THE EXISTING TRAFFIC SIGNAL CONTROLLER EQUIPMENT SHALL BE RETURNED TO IDOT.

* PLANS MODIFIED BY ROBINSON ENGINEERING, LTD

REVISIONS	
NAME	DATE
ADDED EV PREEMPTION	01/02/08
ADDED NEW 18" POST	
ADDED NEW CONTROLLER	

VILLAGE OF THORNTON
LOCATION NO. 128

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED EMERGENCY VEHICLE PREEMPTION CABLE PLAN, PHASE DESIGNATION DIAGRAM & SCHEDULE OF QUANTITIES
CHICAGO ROAD & INDIANWOOD DRIVE

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY