

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-000146-00-TL	COOK		144
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63003				

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE OR MUNICIPALITY AS SPECIFIED IN THE SPECIAL PROVISION, AND SHALL BE STORED AS STATED IN THE SPECIAL PROVISION FOR PICK UP BY STATE OR MUNICIPALITY FORCES:

2 EACH LIGHT DETECTOR
1 EACH LIGHT DETECTOR AMPLIFIER

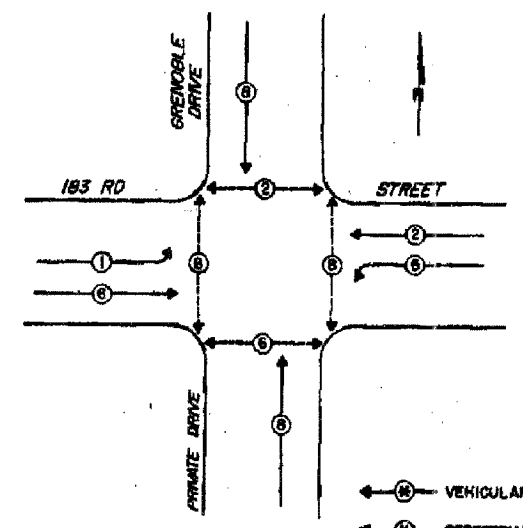


TRAFFIC SIGNALS LEGEND

- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL WOOD POLE
- TRAFFIC SIGNAL VEHICLE DETECTOR MAGNETIC
- TRAFFIC SIGNAL CLOSED CIRCUIT TV
- TRAFFIC SIGNAL VIDEO DETECTOR
- TRAFFIC SIGNAL COMBINATION MAST ARM
- TRAFFIC SIGNAL STEEL MAST
- TRAFFIC SIGNAL POST
- TRAFFIC SIGNAL TEMPORARY SIGNAL HEAD
- TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEAD WITH BACKPLATE
- TRAFFIC SIGNAL SERVICE INSTALLATION
- TRAFFIC SIGNAL PRIORITY VEHICLE DETECTOR
- TRAFFIC SIGNAL CONFIRMATION BEACON
- TRAFFIC SIGNAL PEDESTRIAN SIGNAL HEAD
- TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON
- TRAFFIC SIGNAL JUNCTION BOX
- TRAFFIC SIGNAL HEAVY DUTY HANDHOLE
- TRAFFIC SIGNAL HANDHOLE
- TRAFFIC SIGNAL DOUBLE HANDHOLE
- TRAFFIC SIGNAL DETECTOR LOOP
- TRAFFIC SIGNAL DETECTOR RACEWAY
- TRAFFIC SIGNAL CONDUIT SPLICE
- TRAFFIC SIGNAL UNDERGROUND CABLE
- TRAFFIC SIGNAL UNDERGROUND CONDUIT

CONTROLLER SEQUENCE III

REFERRING TO STANDARD 2393, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.

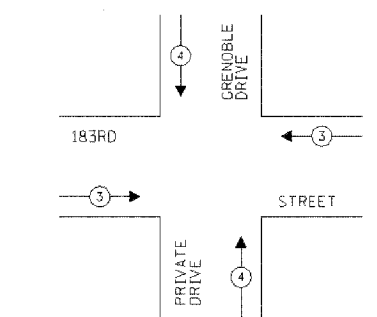
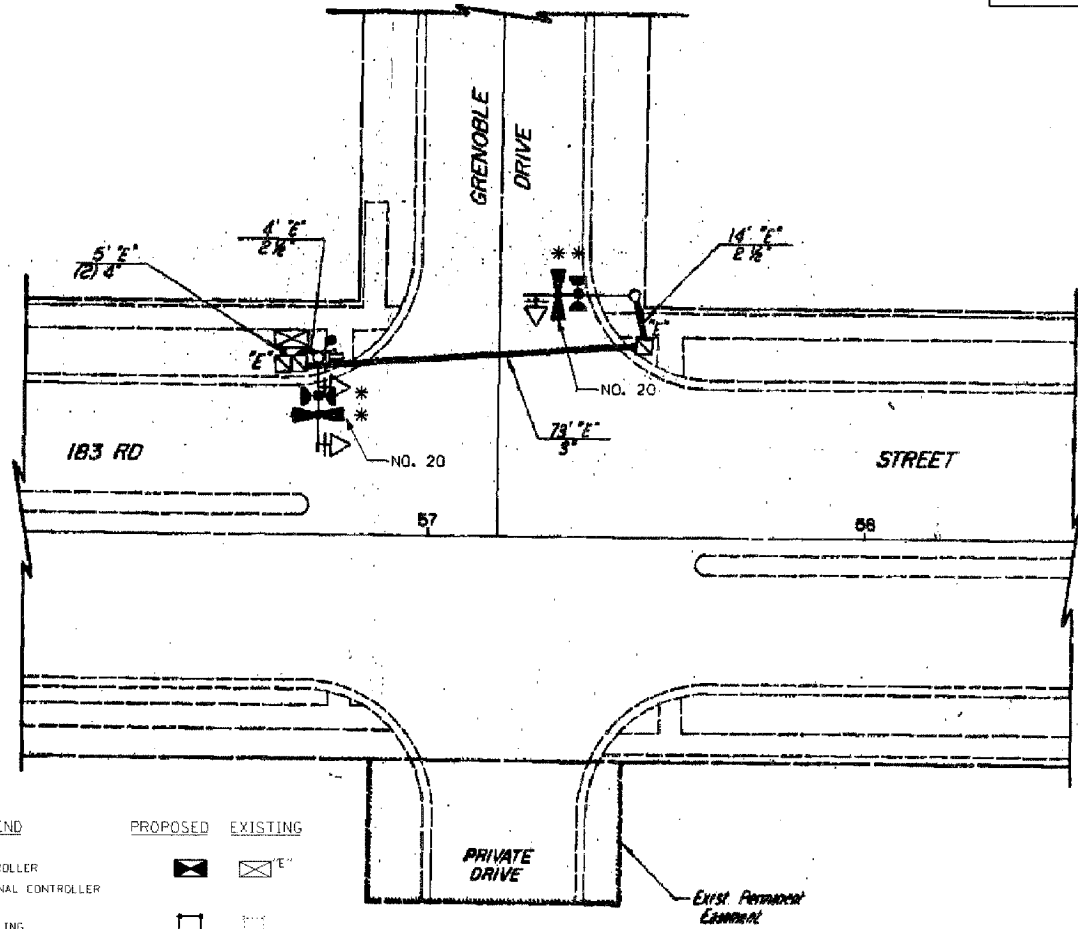


PHASE DESIGNATION DIAGRAM

VEHICULAR MOVEMENT
PEDESTRIAN MOVEMENT
* NUMBER REFERS TO ASSOCIATED PHASE

CABLE PLAN LEGEND

- TRAFFIC SIGNAL CONTROLLER
- EXISTING TRAFFIC SIGNAL CONTROLLER
- INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- TRAFFIC SIGNAL CABLE NUMBER
- LOOP DETECTOR CABLE
- TRAFFIC SIGNAL DETAIL WALK SYMBOL
- TRAFFIC SIGNAL DETAIL BACKPLATE
- TRAFFIC SIGNAL DETAIL LEFT TURN GREEN
- TRAFFIC SIGNAL DETAIL LEFT TURN YELLOW
- TRAFFIC SIGNAL DETAIL WALK ON LETTERS
- TRAFFIC SIGNAL PRIORITY VEHICLE DETECTOR
- TRAFFIC SIGNAL CONFIRMATION BEACON
- TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON
- TELEPHONE CONNECTION
- GROUNDING SYSTEM CONNECTION



EMERGENCY VEHICLE PREEMPTION SEQUENCE

PROPOSED EMERGENCY VEHICLE PREEMPTORS	
EMERGENCY VEHICLE PREEMPTOR	3 4
MOVEMENT	→ ↑

SCHEDULE OF QUANTITIES		
PAY ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	210
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	210
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	210

NOTES

- 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.
- EXISTING LIGHT DETECTORS AND LIGHT DETECTOR AMPLIFIER REMOVED, TO BE RETURNED TO THE VILLAGE OF HAZEL CREST PUBLIC WORKS DEPARTMENT.

VILLAGE OF HAZEL CREST
LOCATION NO. 82

Globetrotters
Engineering Corporation
ENGINEERS ARCHITECTS
300 South Wacker Drive
Chicago, Illinois 60606

REVISIONS	
NAME	DATE
ADDED EV PREEMPTION	01/02/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED EMERGENCY VEHICLE PREEMPTION
CABLE PLAN, PHASE DESIGNATION DIAGRAM &
SCHEDULE OF QUANTITIES
183RD STREET & GRENABLE DRIVE
HAZEL CREST, ILLINOIS

SCALE: VERT. N.T.S. HORIZ. N.T.S.
DRAWN BY SL
CHECKED BY CT