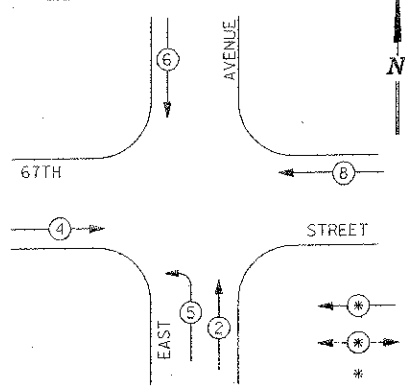


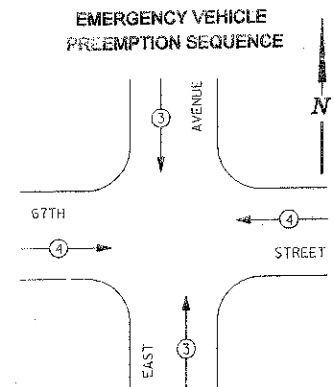
COUNTY HIGHWAY	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
670	2003		

SECTION: 02-B7021-03-CH

### CONTROLLER SEQUENCE



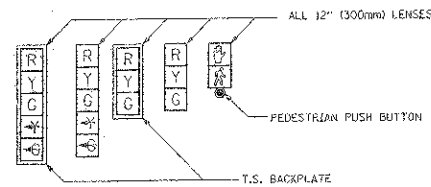
**PHASE DESIGNATION DIAGRAM**  
DUAL ENTRY - ALL LEGS  
PROTECTED / PERMITTED LEFT TURN PHASING



PROPOSED EMERGENCY VEHICLE PREEMPTOR	EMERGENCY VEHICLE PREEMPTOR	MOVEMENT
3	4	

- NOTE:**
- THIS IS A SYSTEM GROUND THAT SHALL INTERCONNECT ALL GROUND RODS WITH NO. 6 1/2 SOLID COPPER AWG.
  - THE NEUTRAL AND GROUND SHALL BE TIED AT THE SERVICE INSTALLATION, BUT SHALL BE SEPARATED AT THE TRAFFIC SIGNAL CABINET.

### SIGNAL FACES

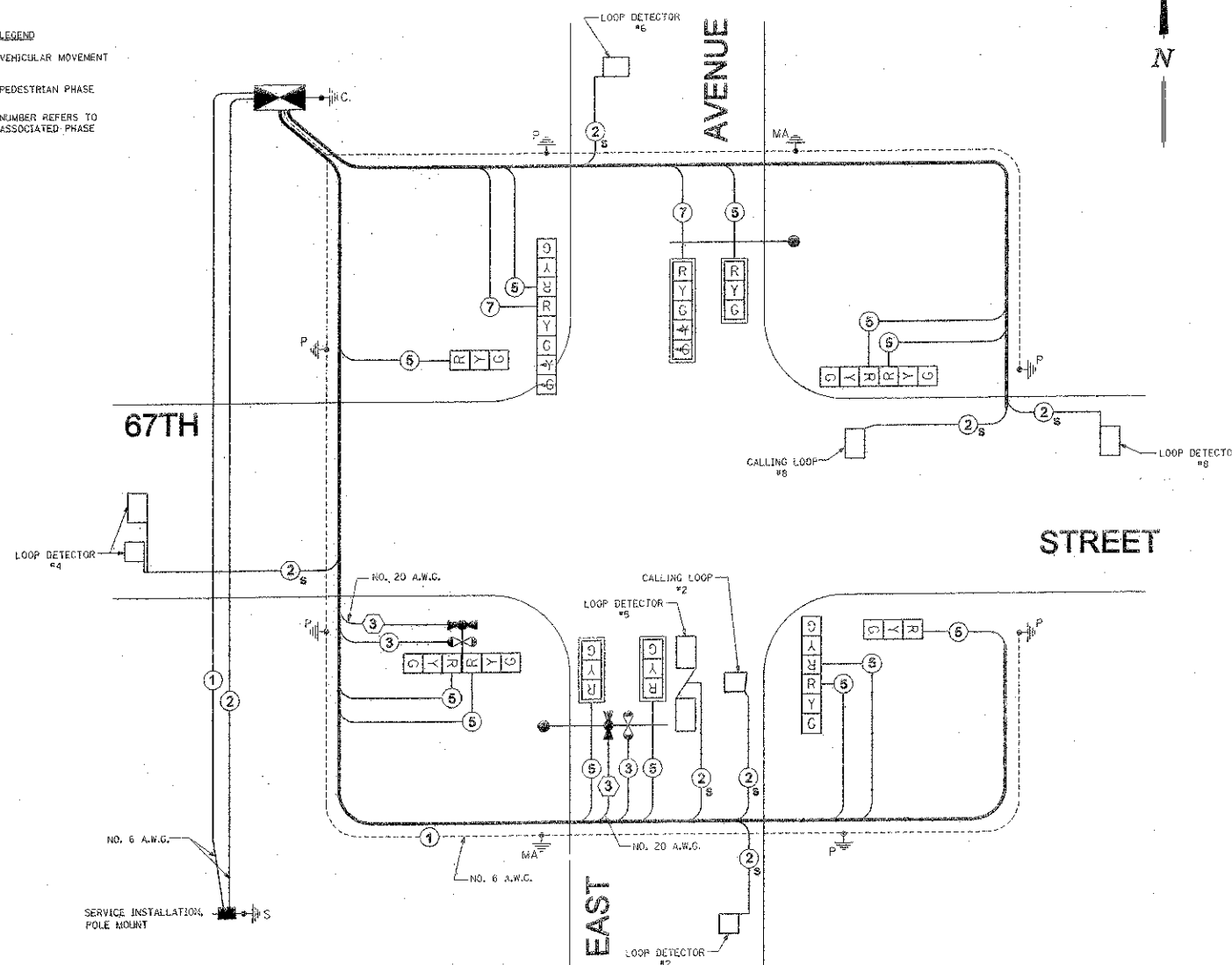


### SIGNAL LENSES

- R RED
- Y YELLOW
- G GREEN
- Y< YELLOW TURN INDICATOR
- G< GREEN TURN INDICATOR

### CABLE PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER CABINET	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
12" TRAFFIC SIGNAL SECTION (L.E.D.)	[Symbol]	[Symbol]
DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE TWISTED AND SHIELDED.	[Symbol]	[Symbol]
VEHICLE DETECTOR, INDUCTION LOOP	[Symbol]	[Symbol]
SHIELDED & TWISTED	[Symbol]	[Symbol]
EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
OPTICOM CABLE	[Symbol]	[Symbol]
300mm PEDESTRIAN SIGNAL HEAD	[Symbol]	[Symbol]
PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C).	[Symbol]	[Symbol]
GROUND ROD AT POST (P), OR MAST ARM POLE (M).	[Symbol]	[Symbol]
GROUND ROD AT ELECTRIC SERVICE INSTALLATION	[Symbol]	[Symbol]



## CABLE PLAN

NOT TO SCALE

COUNTY OF COOK DEPARTMENT OF HIGHWAYS	
TRAFFIC SIGNAL INSTALLATION 67TH STREET AT EAST AVENUE (CABLE PLAN)	
COMPUTED BY: [Signature]	DATE: 11/22/02
DRAWN BY: [Signature]	
CHECKED BY: [Signature]	

FILE NAME	VILLAGE OF HODGKINS EAST AVENUE 67TH ST. TO JOULET RD.
USER NAME	
DESIGNED	THK
DRAWN	JFP
CHECKED	J.C.
DATE	4/12

DESIGNED	THK	REVISED	-
DRAWN	JFP	REVISED	-
CHECKED	J.C.	REVISED	-
DATE	4/12	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SIGNAL DESIGN DETAILS - EAST AVENUE AND 67TH STREET (FOR INFORMATION ONLY)			
SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	

**Frank Novotny & Associates, Inc.**  
Civil Engineers  
1835 Midway Drive • Wheelock, IL • 61227 • Telephone (815) 287-8940 • Fax (815) 687-0130  
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 194-001005

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11-00019-00-RS	COOK	29	15
CONTRACT NO. 63736		FED. ROAD DIST. NO. ILLINOIS (RFP) PROJECT NO. 9005 (888)	