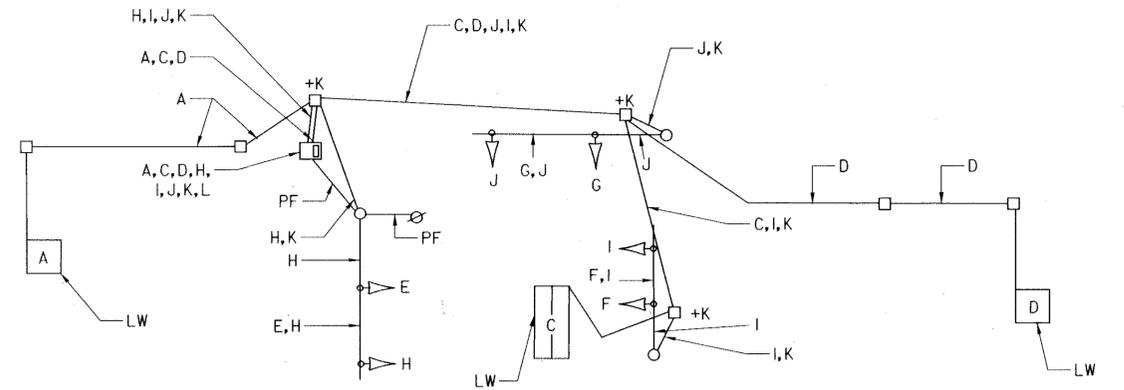


PHASE 2+6	G	G	G	G	R	R	
2+6 CHANGE	Y	Y	Y	Y	R	R	
PHASE 4	R	R	R	R	G	G	
4 CHANGE	R	R	R	R	Y	Y	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	



WIRING DIAGRAM



WIRING KEY

- A, C, D } 2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED)
- E, F, G } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- H, I, J } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- K } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- L } 3-CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)
- LW - LOOP WIRE (NO. 14 A.W.G.)
- PF - POWER FEED (NO. 4 A.W.G.)
- + - 3/4IN. x 10 FT. GROUND ROD

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

MR. CHARLIE WATKINS
 DISTRICT ENGINEER
 PHONE: (301) 513-7311

MR. MAJID SHAKIB
 ASSISTANT DISTRICT ENGINEER - TRAFFIC
 PHONE: (301) 513-7358

MR. JOE GECKLE
 UTILITY ENGINEER
 PHONE: (301) 513-7350

MR. RICHARD L. DAFF, SR.
 CHIEF, TRAFFIC OPERATIONS DIVISION
 PHONE: (410) 787-7630

THE POWER COMPANY REPRESENTATIVE IS:
 POTOMAC ELECTRIC POWER COMPANY
 MR. RON BEESON
 8300 OLD MARLBORO PIKE
 UPPER MARLBORO, MARYLAND 20772
 PHONE: (301) 967-5325

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE TRAFFIC SIGNAL AT MD 332 AND CAPITAL HEIGHTS BLVD IN PRINCE GEORGE'S COUNTY. MD 332 IS ASSUMED TO RUN IN A EAST WEST DIRECTION.

INTERSECTION OPERATION

I. NORMAL OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA (3) THREE-PHASE FULLY-TRAFFIC-ACTUATED MODE WITH EASTBOUND AND WESTBOUND MARYLAND 332 APPROACHES OPERATING CONCURRENTLY. CAPITAL HEIGHTS BLVD APPROACHE WILL OPERATE ALONE.

CONTROLLER REQUIREMENTS:

A FULLY - TRAFFIC - ACTUATED - EIGHT- PHASE TRAFFIC SIGNAL CONTROLLER IN A BASE - MOUNTED SYSTEM READY CABINET WITH ONE (1) FOUR - CHANNEL LOOP DETECTOR AMPLIFIER, INTERSECTION MONITOR WITH BATTERY BACK-UP FOR PHONE DROP, AND ASSOCIATED HARNESSSES HOUSED IN A NEMA SIZE '6' BASE MOUNTED CONTROLLER.

MAINTENANCE OF TRAFFIC

THE TRAFFIC CONTROL NUMBERS SHALL BE REFERENCED FOR THE PROJECT

- STANDARD NO. MD-105.00
- STANDARD NO. MD-105.01
- STANDARD NO. MD-105.02
- STANDARD NO. MD-105.101 (FLAGGING OPERATION)
- STANDARD NO. MD-105.103 (INTERSECTION FLAGGING OPERATION)
- STANDARD NO. MD-105.105 (SHOULDER WORK)
- STANDARD NO. MD-105.107 (LANE SHIFT)
- STANDARD NO. MD-105.109 (LANE SHIFT)
- NOTE: STANDARDS TO BE MODIFIED BY REPLACING W21-5 SIGN WITH A W29-1 SIGN (ROAD WORK AHEAD).

SS-5

R&K
RUMMEL, KLEPPER & KAHL, LLP
 CONSULTING ENGINEERS

81 MOSHER STREET
 BALTIMORE, MARYLAND 21217
 TEL: (410) 728-2900 FAX: (410) 383-3270

REVISIONS:	APPROVALS:
	CHIEF SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER - TRAFFIC
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

MDOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE #16033200.28	
DRAWN BY: SMH	MD 332 (CENTRAL AVENUE) AT CAPITOL HEIGHTS BLVD SIGNAL PLAN
DES. BY: SMH	COUNTY: PRINCE GEORGE'S
CHK. BY: BJH	
DATE: JANUARY, 1999	F.A.P. NO. SEE TITLE SHEET
SCALE: N/A	S.H.A. NO. PG321B21
	TS/STD. NO.: 3872A-GI1
	SHEET NO. OF