

PHASE 2+6	G	G	G	G	R	R	R	R	←
2+6 CHANGE	Y	Y	Y	Y	R	R	R	R	
PHASE 4+8	R	R	R	R	G	G	G	G	↑
4+8 CHANGE	R	R	R	R	Y	Y	Y	Y	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	↑↓

NOTE:
MD 332 IS ASSUMED TO RUN
IN EAST-WEST DIRECTION.

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE TRAFFIC SIGNAL AT MD 332 AND CHAMBER AVENUE/ LARCHMONT AVENUE 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 (4) FOUR-PHASE FULLY-TRAFFIC-ACTUATED MODE WITH EASTBOUND AND WESTBOUND MARYLAND 332 APPROACHES OPERATING CONCURRENTLY. THE CHAMBER AVENUE/ LARCHMONT AVENUE APPROACHES WILL ALSO OPERATE CONCURRENTLY.

CONTROLLER REQUIREMENTS:

A FULLY - TRAFFIC - ACTUATED - EIGHT- PHASE TRAFFIC SIGNAL CONTROLLER IN A BASE - MOUNTED SYSTEM READY CABINET WITH TWO (2) FOUR - CHANNEL LOOP DETECTOR AMPLIFIERS, INTERSECTION MONITOR WITH BATTERY BACK-UP FOR PHONE DROP, AND ASSOCIATED HARNESSES HOUSED IN A NEMA SIZE *6" BASE MOUNTED CABINET.

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).

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

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

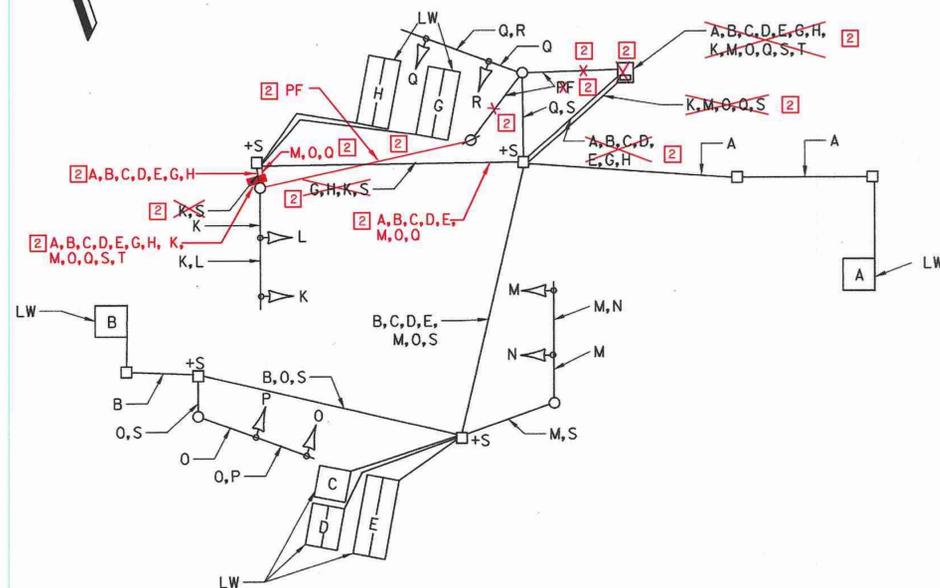
MR. MAJID SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358

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

WIRING DIAGRAM



WIRING KEY

- A, B, C, D, E, G, H } 2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED)
- L, N, P, R } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- K, M, O, Q } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- S } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- T } 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.)
- + - 3/4 IN. x 10 FT. GROUND ROD

SS-2

RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TEL: (410) 728-2900 FAX: (410) 383-3270

REVISIONS:	APPROVALS:
<p>Red Line Revision 2 New Island Added 10/22/99</p> <p>January, 1999 Reconstruct Due To New Geometrics. SHA No: PG321B21</p>	<p>CHIEF SIGNAL DESIGN SECTION</p> <p>ASST. DISTRICT ENGINEER - TRAFFIC</p> <p>CHIEF TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>DIRECTOR OFFICE OF TRAFFIC & SAFETY</p>

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 03014600.85

DRAWN BY: SMH
DES. BY: SMH
CHK. BY: BJH

MD 332 (CENTRAL AVENUE) AT
CHAMBER AVENUE/LARCHMONT AVENUE
SIGNAL PLAN

COUNTY: PRINCE GEORGE'S

DATE: JANUARY, 1999 F.A.P. NO. SEE TITLE SHEET TS/STD. NO.: SHEET NO.
SCALE: N/A S.H.A. NO. PG321B21 1838B-GI1 80 OF 96