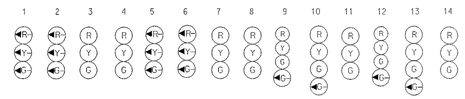
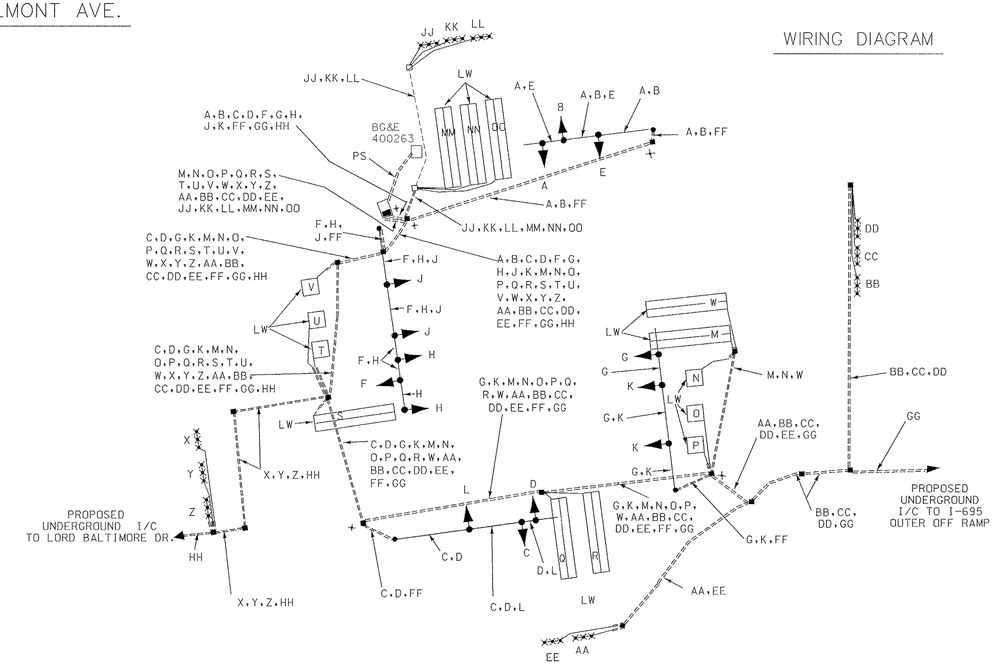
MD 122 (SECURITY BLVD.) and BELMONT AVE.

PHASE CHART



	1	2	3	4	5	6	7	8	9	10	11	12	13	14
PHASE 1 & 5	G	G	R	R	G	G	R	R	R	R	R	R	R	R
1 & 5 CHANGE	TO PHASE 1 & 6 OR PHASE 2 & 5													
PHASE 1 & 6	G	G	G	G	R	R	R	R	R	R	R	R	R	R
1 & 6 CHANGE	Y	Y	G	G	R	R	R	R	R	R	R	R	R	R
PHASE 2 & 5	R	R	R	R	G	G	G	G	R	R	R	R	R	R
2 & 5 CHANGE	R	R	R	R	Y	Y	G	G	R	R	R	R	R	R
PHASE 2 & 6	R	R	G	G	R	R	G	G	R	R	R	R	R	R
2 & 6 CHANGE	R	R	Y	Y	R	R	Y	Y	R	R	R	R	R	R
PHASE 3	R	R	R	R	R	R	R	R	R	R	R	G G	G G	G
3 CHANGE	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y
PHASE 4	R	R	R	R	R	R	R	R	G G	G G	G	R	R	R
4 CHANGE	R	R	R	R	R	R	R	R	Y	Y	Y	R	R	R
FLASHING OPERATION	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

WIRING DIAGRAM



WIRING KEY

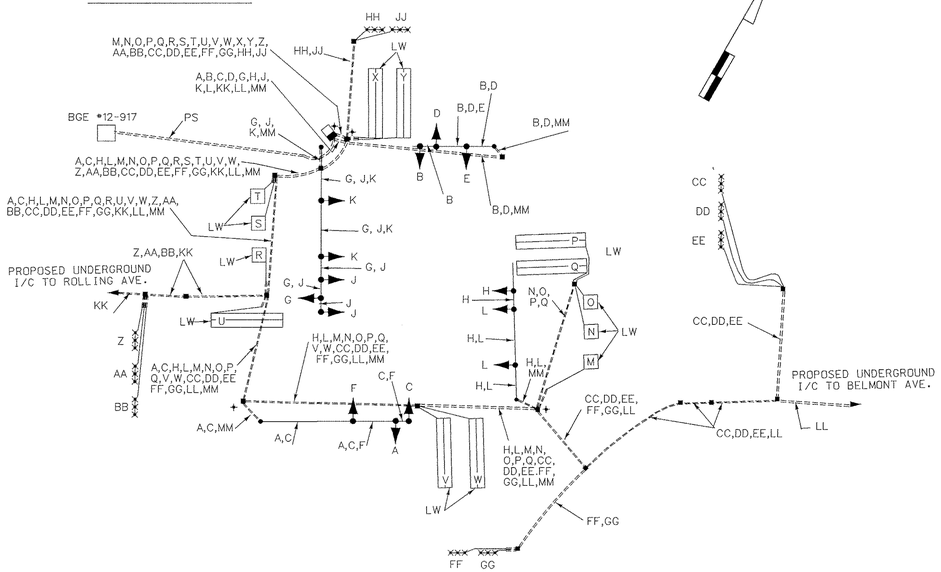
- A B C D — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- E F G H J K L — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- M N O P Q R S T U V W MM NN OO — 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G) ALUMINUM SHIELDED
- [1] X Y Z AA EE JJ KK LL — MICRO-LOOP PROBE SET 500' LEAD-IN CABLE
- [1] BB CC DD — MICRO-LOOP PROBE SET 1000' LEAD-IN CABLE
- FF - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- GG HH — 12-PAIR VOICE GRADE INTERCONNECT CABLE (JELLY FILLED)
- LW - LOOP WIRE (NO. 14 A.W.G.)
- EL - EXISTING LOOP WIRE
- PS - PROPOSED UNDERGROUND SERVICE TO BE INSTALLED BY BG&E
- + - GROUND ROD

MD 122 (SECURITY BLVD.) and LORD BALTIMORE DR.

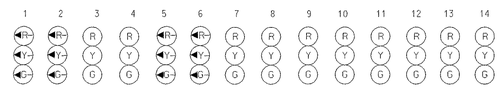
WIRING KEY

- A B C D — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- E F G H J K L — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- M N O P Q R S T U V W X Y — 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G) ALUMINUM SHIELDED
- Z AA BB FF GG JJ — MICRO-LOOP 500' LEAD-IN CABLE
- [1] CC DD EE — MICRO-LOOP 1000' LEAD-IN CABLE
- KK LL — 12-PAIR VOICE GRADE INTERCONNECT CABLE (JELLY FILLED)
- MM - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- LW - LOOP WIRE (NO. 14 A.W.G.)
- PS - PROPOSED UNDERGROUND SERVICE TO BE INSTALLED BY BGE
- + - GROUND ROD

WIRING DIAGRAM



PHASE CHART



	1	2	3	4	5	6	7	8	9	10	11	12	13	14
PHASE 1 & 5	G	G	R	R	G	G	R	R	R	R	R	R	R	R
CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6														
PHASE 1 & 6	G	G	G	G	R	R	R	R	R	R	R	R	R	R
1 & 6 CHANGE	Y	Y	G	G	R	R	R	R	R	R	R	R	R	R
PHASE 2 & 5	R	R	R	R	G	G	G	G	R	R	R	R	R	R
2 & 5 CHANGE	R	R	R	R	Y	Y	G	G	R	R	R	R	R	R
PHASE 2 & 6	R	R	G	G	R	R	G	G	R	R	R	R	R	R
2 & 6 CHANGE	R	R	Y	Y	R	R	Y	Y	R	R	R	R	R	R
PHASE 4 & 8	R	R	R	R	R	R	R	R	G	G	G	G	G	G
4 & 8 CHANGE	R	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y
FLASHING OPERATION	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

[1] Red Line Revision 9/4/00

GENERAL IMFORMATION SHEET 2

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400 Crain Hwy. N.W.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

P-Task29GI-2.DGN

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 122 (SECURITY BLVD.) FROM ROLLING ROAD TO I695 OFF RAMP

DRAWN BY: MILESKY	COUNTY: BALTIMORE	TS NO. GI-2	SHEET NO. 8 OF 8
CHECK BY: RRZ	LOG MILE: 00.15 & 00.27		
DATE: 03/10/00	F.A.P. NO.	T.I.M.S. NO. D670	
SCALE: N\A	S.H.A. NO. XX1005885		

SEP 05 2000