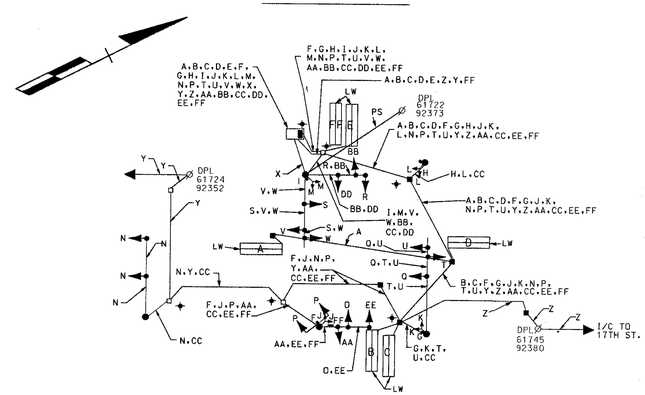
PHASING CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
PHASE 1 & 5	FL/8"Y	FL/8"Y	R ←G	R ←G	R	R ↙G	R ↙G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
1 & 5 CHANGE	TO PHASE 1 & 6 OR PHASE 2 & 5																DW	DW	DW	DW	DW	DW	DW	DW
PHASE 1 & 6	FL/8"Y	FL/8"Y	G ←G	G ←G	G	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
1 CHANGE	FL/8"Y	FL/8"Y	G ←Y	G ←Y	G	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 2 & 5	FL/8"Y	FL/8"Y	R	R	R	G ↙G	G ↙G	G	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
5 CHANGE	FL/8"Y	FL/8"Y	R	R	R	G ↙Y	G ↙Y	G	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 2 & 6	FL/8"Y	FL/8"Y	G	G	G	G	G	G	R	R	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW	DW	DW
PED CLEARANCE	FL/8"Y	FL/8"Y	G	G	G	G	G	G	R	R	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW	DW	DW
2 & 6 CHANGE	FL/8"Y	FL/8"Y	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3	FL/8"Y	FL/8"Y	R	R	R	R	R	R	G ←G	G ←G	G	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
3 CHANGE	FL/8"Y	FL/8"Y	R	R	R	R	R	R	Y	Y	Y	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3 ALT.	FL/8"Y	FL/8"Y	R	R	R	R	R	R	G ←G	G ←G	G	R	R	R	R	R	DW	DW	DW	DW	DW	WK	WK	DW
PED CLEARANCE	FL/8"Y	FL/8"Y	R	R	R	R	R	R	G ←G	G ←G	G	R	R	R	R	R	DW	DW	DW	DW	DW	FL/DW	FL/DW	DW
3 ALT. CHANGE	FL/8"Y	FL/8"Y	R	R	R	R	R	R	Y	Y	Y	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4	FL/8"Y	FL/8"Y	R	R	R	R	R	R	R	R	R	R	R	G ←G	G ←G	G	DW	DW	DW	DW	DW	DW	DW	DW
4 CHANGE	FL/8"Y	FL/8"Y	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4 ALT.	FL/8"Y	FL/8"Y	R	R	R	R	R	R	R	R	R	R	R	G ←G	G ←G	G	DW	DW	DW	DW	WK	DW	DW	WK
PED CLEARANCE	FL/8"Y	FL/8"Y	R	R	R	R	R	R	R	R	R	R	R	G ←G	G ←G	G	DW	DW	DW	DW	FL/DW	DW	DW	FL/DW
4 ALT. CHANGE	FL/8"Y	FL/8"Y	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
OVERLAP A	Y	Y	G ←C	G ←C	G	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
OVERLAP A CHANGE	R	R	G ←G	G ←G	G	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PRE-EMPTION PHASE	R	R	G ←G	G ←G	G	R	R	R	R	R	R	FL/8"Y	FL/8"Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PRE-EMPTION CHANGE	R	R	Y ←Y	Y ←Y	Y	R	R	R	R	R	R	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/8"Y	FL/8"Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK

WIRING DIAGRAM



WIRING KEY

- A, B, C, D, E, FF — 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.) (ALUMINUM SHIELDED)
- F, G, H, I — 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- FF — 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- J, K, L, M, N, O, P, Q, R, S — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- T, U, V, W, DD, EE, AA, BB — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- X — 3-WIRE ELECTRICAL CABLE (NO. 4 A.W.G.)
- Y, Z — 12-PAIR, VOICE-GRADE INTERCONNECT CABLE (NO 19 AWG) (SELF-SUPPORTING)
- CC — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- LW — LOOP WIRE (NO. 14 A.W.G.)
- PS — PROPOSED OVERHEAD SERVICE TO BE INSTALLED BY CONNECTIV
- ✦ — GROUND ROD

2 REDLINE NO.2 11/ /00
NEW SHEET

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Glen Burnie, MD 21061
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Fax (410) 590-6637

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REVISIONS		
D	RECONSTRUCT SIGNAL USING MAST ARMS S.H.A. NO.: WO7005184	04-28-00
RRZ		
C	INSTALL 6'x 30' QUAD LOOP DETECTOR (2-4-2) 12"-18" BEHIND STOPLINE S.H.A. NO.: BW-476-802-112	5-4-92
DJD		
B	INSTALL PRE-EMPTION SIGNAL FOR N.B. TRAFFIC S.H.A. NO.: 855-25004	5-15-87
RZ		
A	REVISED LOOP DETECTION S.H.A. NO.: 855-25001	

APPROVALS
ORIGINAL ON FILE
ASST. CHIEF TEDD SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 528 (COASTAL HWY.) AND 15th ST

DRAWN BY: LISA HANDY	COUNTY: WORCESTER	TS NO. 571D GI	SHEET NO.
CHECK BY:	LOG MILE: 23052807.57		
DATE: 7-10-85	F.A.P. NO.	T.I.M.S. NO.	54A OF 89
SCALE: NONE	S.H.A. NO. WO-479-001-185		