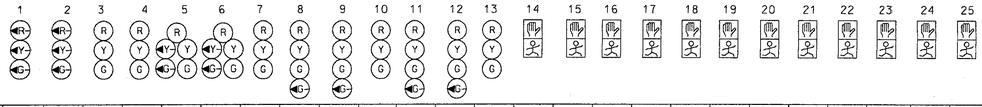
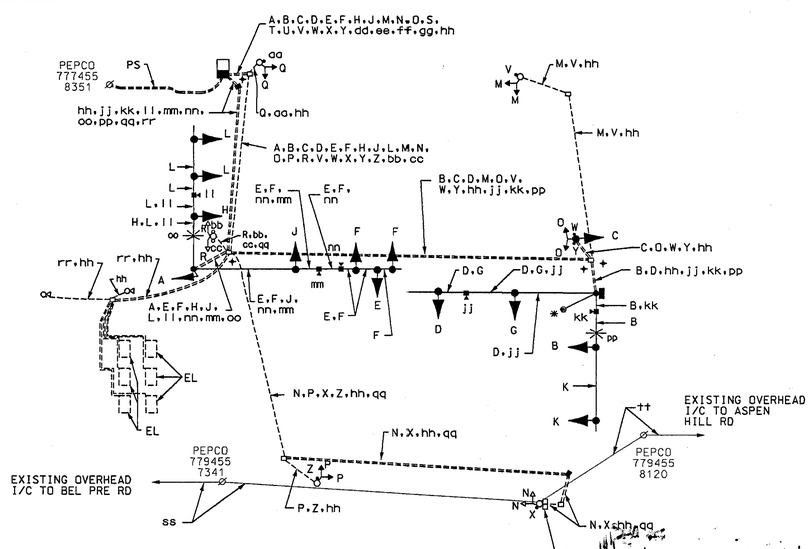
PHASE CHART



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
PHASE 1 & 5	◄G-	◄G-	R	R	◄G-/R	◄G-/R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
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	DW	WK	WK	DW	DW	DW	DW	DW	DW	DW	DW	DW
1 & 6 CHANGE	◄Y-	◄Y-	Y	Y	R	R	R	R	R	R	R	R	R	DW	WK	WK	DW	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 2 & 5	◄R-	◄R-	R	R	◄G-/G	◄G-/G	G	R	R	R	R	R	R	WK	DW	DW	WK	DW	DW	DW	DW	DW	DW	DW	DW
2 & 5 CHANGE	◄R-	◄R-	R	R	◄Y-/G	◄Y-/G	G	R	R	R	R	R	R	WK	DW	DW	WK	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 2 & 6	◄R-	◄R-	G	G	G	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW	DW	DW	DW	DW	DW	DW
PED CLEAR	◄R-	◄R-	G	G	G	G	G	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW	DW	DW	DW	DW	DW	DW
2 & 6 CHANGE	◄R-	◄R-	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3	◄R-	◄R-	R	R	R	R	R	R	R	R	G ◄G-	G ◄G-	G	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
3 CHANGE	◄R-	◄R-	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4	◄R-	◄R-	R	R	R	R	R	G ◄G-	G ◄G-	G	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
4 CHANGE	◄R-	◄R-	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3 ALT	◄R-	◄R-	R	R	R	R	R	R	R	R	G ◄G-	G ◄G-	G	DW	DW	DW	DW	WK	DW	WK	DW	DW	WK	DW	WK
PED CLEARANCE	◄R-	◄R-	R	R	R	R	R	R	R	R	G ◄G-	G ◄G-	G	DW	DW	DW	DW	FL/DW	DW	FL/DW	DW	DW	FL/DW	DW	FL/DW
3 ALT CHANGE	◄R-	◄R-	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4 ALT	◄R-	◄R-	R	R	R	R	R	G ◄G-	G ◄G-	G	R	R	R	DW	DW	DW	DW	DW	WK	DW	WK	WK	DW	WK	DW
PED CLEARANCE	◄R-	◄R-	R	R	R	R	R	G ◄G-	G ◄G-	G	R	R	R	DW	DW	DW	DW	DW	FL/DW	DW	FL/DW	FL/DW	DW	FL/DW	DW
4 ALT CHANGE	◄R-	◄R-	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/◄R	FL/◄R	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK

WIRING DIAGRAM



WIRING KEY

- A, B, C, D, E, F, T, rr — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- G, H, J, K, L, M, N, O — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- P, Q, R — EXISTING 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- S, T, U — REROUTED 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- V, W, X, Y — 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- Z, aa, bb, cc — EXISTING 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- dd, ee, ff, gg — REROUTED 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- hh - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- jj, kk — PRE-MANUFACTURED CAMERA TO CONTROLLER CABLE (500')
- ll, mm, nn — PRE-MANUFACTURED CAMERA TO CONTROLLER CABLE (250')
- oo, pp — 2-CONDUCTOR TRAY CABLE (NO. 12 A.W.G)
- qq - 12-PAIR VOICE GRADE INTERCONNECT CABLE (JELLY FILLED)
- ss - EXISTING OVERHEAD 25-PAIR INTERCONNECT CABLE
- †† - EXISTING OVERHEAD 12-PAIR INTERCONNECT CABLE
- * - EXISTING TRAFFIC SURVEILLANCE CAMERA AND EQUIPMENT TO BE RELOCATED AND REWIRED BY MONTGOMERY COUNTY FORCES
- EL - LOOP WIRE (NO. 14 A.W.G.) EXISTING (RED LIGHT CAMERA)
- PS - PROPOSED UNDERGROUND SERVICE TO BE INSTALLED BY PEPCO
- + - GROUND ROD

SHA #: MO360A51/P51

REVISION "G"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-9500
Fax (410) 590-9537

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MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 97 (GEORGIA AVENUE) AND
MD 185 (CONNECTICUT AVENUE)

DRAWN BY: ROB CICCHINI	F.A.P. NO.		TS NO. 31 G	SHEET NO. 2 OF 3
CHECKED BY: R ZACHERL	S.H.A. NO.			
SCALE: NONE	COUNTY: MONTGOMERY		T.I.M.S. NO. F286	
DATE: 6/26/03	LOG MILE: 15009707.00			