M.O.T. PHASE 1 PHASING CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PHASE 1 & 5	◄G-	◄G-	R	R	◄G-	◄G-	R	R	R	R	R	R	R	R					DW			DW
CHANGES TO PHASES 1 & 6 OR 2 & 6																						
PHASE 1 & 6	◄G-	◄G-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R					DW			DW
1 & 6 CHANGE	◄Y-	◄Y-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R					DW			DW
PHASE 2 & 6	◄R-	◄R-	G	G	◄R-	◄R-	G	G	R	R	R	R	R	R					DW			DW
PED CLEAR	◄R-	◄R-	G	G	◄R-	◄R-	G	G	R	R	R	R	R	R					DW			DW
2 & 6 CHANGE	◄R-	◄R-	G	G	◄R-	◄R-	Y	Y	R	R	R	R	R	R					DW			DW
PHASE 6 & 7	◄G-	◄G-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R					DW			DW
6 & 7 CHANGE	◄Y-	◄Y-	Y	Y	◄R-	◄R-	R	R	R	R	R	R	R	R					DW			DW
PHASE 3	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G/◄G-	G/◄G-	G	R	R	R					DW			DW
3 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	R	R	R					DW			DW
PHASE 4	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	G/◄G-	G/◄G-	G					DW			DW
4 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	Y	Y	Y					DW			DW
PHASE 4 ALT	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	G/◄G-	G/◄G-	G					WK			WK
PED CLEAR	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	G/◄G-	G/◄G-	G					FL/DW			FL/DW
4 ALT CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	Y	Y	Y					DW			DW
PRE-EMPT	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	G/◄G-	G/◄G-	G					DW			DW
PRE-EMPT CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	Y	Y	Y					DW			DW
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					DARK			DARK

NOTE: PEDESTRIAN HEADS 15,16,17,18,20 AND 21 ARE BAGGED DURING THIS PHASE.
PHASE 7 OPERATES FROM 6:30 - 9:30 AM AND FROM 4:30 - 5:10 PM.

M.O.T. PHASE 2 & 3 PHASING CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PHASE 1 & 5	◄G-	◄G-	R	R	◄G-	◄G-	R	R	R	R	R	R	R	R						DW	DW	
CHANGES TO PHASES 1 & 6 OR 2 & 6																						
PHASE 1 & 6	◄G-	◄G-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R						DW	DW	
1 & 6 CHANGE	◄Y-	◄Y-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R						DW	DW	
PHASE 2 & 6	◄R-	◄R-	G	G	◄R-	◄R-	G	G	R	R	R	R	R	R						DW	DW	
PED CLEAR	◄R-	◄R-	G	G	◄R-	◄R-	G	G	R	R	R	R	R	R						DW	DW	
2 & 6 CHANGE	◄R-	◄R-	G	G	◄R-	◄R-	Y	Y	R	R	R	R	R	R						DW	DW	
PHASE 6 & 7	◄G-	◄G-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R						DW	DW	
6 & 7 CHANGE	◄Y-	◄Y-	Y	Y	◄R-	◄R-	R	R	R	R	R	R	R	R						DW	DW	
PHASE 3	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G/◄G-	G/◄G-	G	R	R	R						DW	DW	
3 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	R	R	R						DW	DW	
PHASE 4	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	G/◄G-	G/◄G-	G						DW	DW	
4 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	Y	Y	Y						DW	DW	
PHASE 3 ALT	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G/◄G-	G/◄G-	G	R	R	R						WK	WK	
PED CLEAR	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G/◄G-	G/◄G-	G	R	R	R						FL/DW	FL/DW	
3 ALT CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	R	R	R						DW	DW	
PRE-EMPT	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	G/◄G-	G/◄G-	G						DW	DW	
PRE-EMPT CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	Y	Y	Y						DW	DW	
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						DARK	DARK	

NOTE: PEDESTRIAN HEADS 15,16,17,18,19 & 22 ARE BAGGED DURING THIS PHASE.
PHASE 7 OPERATES FROM 6:30 - 9:30 AM AND FROM 4:30 - 5:10 PM.

ULTIMATE PHASING CHART

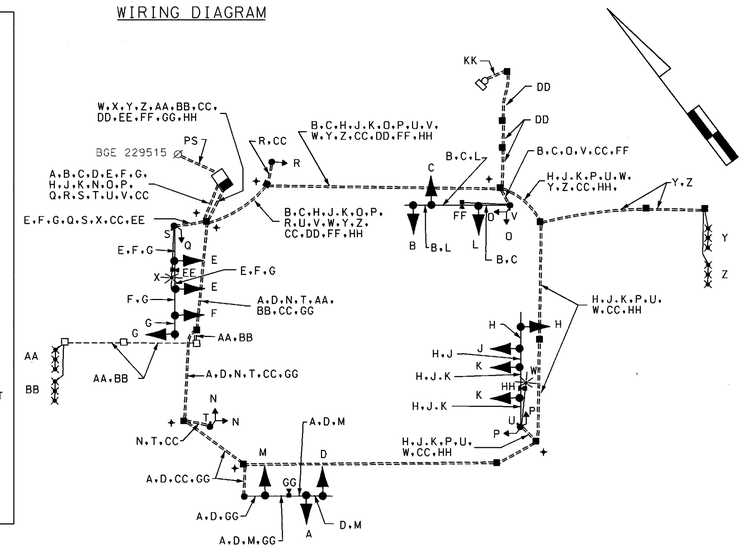
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PHASE 1 & 5	◄G-	◄G-	R	R	◄G-	◄G-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
CHANGES TO PHASES 1 & 6 OR 2 & 6																						
PHASE 1 & 6	◄G-	◄G-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R	DW	WK	WK	DW	DW	DW	DW	DW
1 & 6 CHANGE	◄Y-	◄Y-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R	DW	WK	WK	DW	DW	DW	DW	DW
PHASE 2 & 6	◄R-	◄R-	G	G	◄R-	◄R-	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW	DW	DW
PED CLEAR	◄R-	◄R-	G	G	◄R-	◄R-	G	G	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW	DW	DW
2 & 6 CHANGE	◄R-	◄R-	G	G	◄R-	◄R-	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 6 & 7	◄G-	◄G-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
6 & 7 CHANGE	◄Y-	◄Y-	Y	Y	◄R-	◄R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G/◄G-	G/◄G-	G	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
3 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4	◄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	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3 ALT	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G/◄G-	G/◄G-	G	R	R	R	DW	DW	DW	DW	DW	WK	WK	DW
PED CLEAR	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G/◄G-	G/◄G-	G	R	R	R	DW	DW	DW	DW	DW	FL/DW	FL/DW	DW
3 ALT CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4 ALT	◄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 CLEAR	◄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	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
PRE-EMPT	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	G/◄G-	G/◄G-	G	DW	DW	DW	DW	DW	DW	DW	DW
PRE-EMPT CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
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	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK

NOTE: PHASE 7 OPERATES FROM 6:30 - 9:30 AM AND FROM 4:30 - 5:10 PM.

WIRING KEY

- A,B,C,D — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- E,F,G,H,J,K,L,M,N,O,P — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- Q,R — 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- S,T,U,V — 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- W,X — 2-CONDUCTOR TRAY CABLE (NO. 12 A.W.G)
- Y,Z — MICROLOOP LEAD-IN CABLE (1000')
- AA,BB — MICROLOOP LEAD-IN CABLE (500')
- CC - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- DD - 12-PAIR VOICE GRADE INTERCONNECT CABLE (JELLY FILLED)
- EE,FF — PRE-MANUFACTURED CAMERA TO CONTROLLER CABLE (250')
- GG,HH — PRE-MANUFACTURED CAMERA TO CONTROLLER CABLE (500')
- PS - PROPOSED UNDERGROUND SERVICE TO BE INSTALLED BY BGE
- + - GROUND ROD

WIRING DIAGRAM



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Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 70 (ROSCOE ROWE BLVD) AND MD 435

DRAWN BY:	ROB CICCHINI	F.A.P. NO.		TS NO. 1192K-G-1	2 SHEET NO.
CHECKED BY:	R ZACHERL	S.H.A. NO.	AA2905187		
SCALE:	NONE	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO.	
DATE:	1/21/03	LOG MILE:	02007000.79	F287X	OF