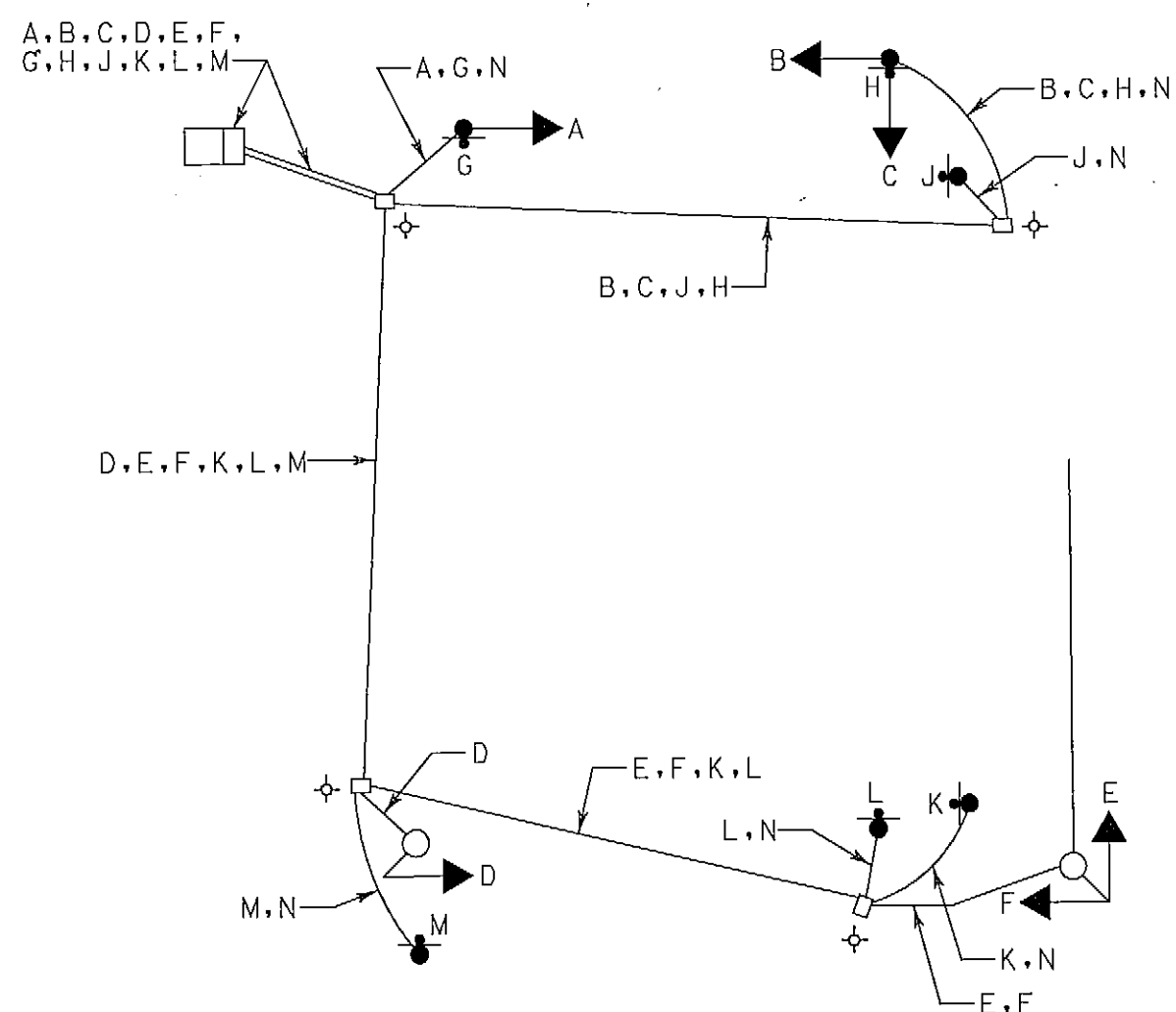


MD 24 AND SPENCEOLA PARKWAY

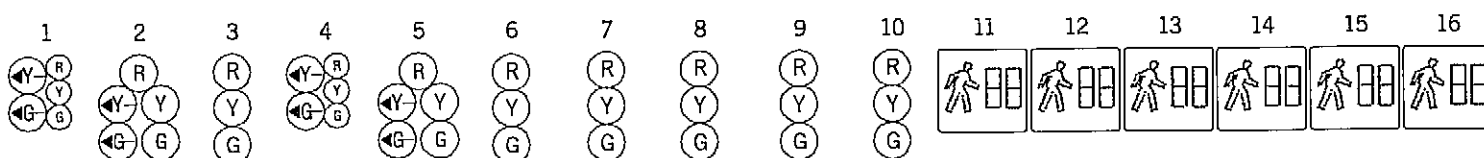
WIRING DIAGRAM



WIRING KEY

- A B C D E F } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- G H J K L M } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- N } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- + - 3/4 IN. X 10 FT. GROUND ROD

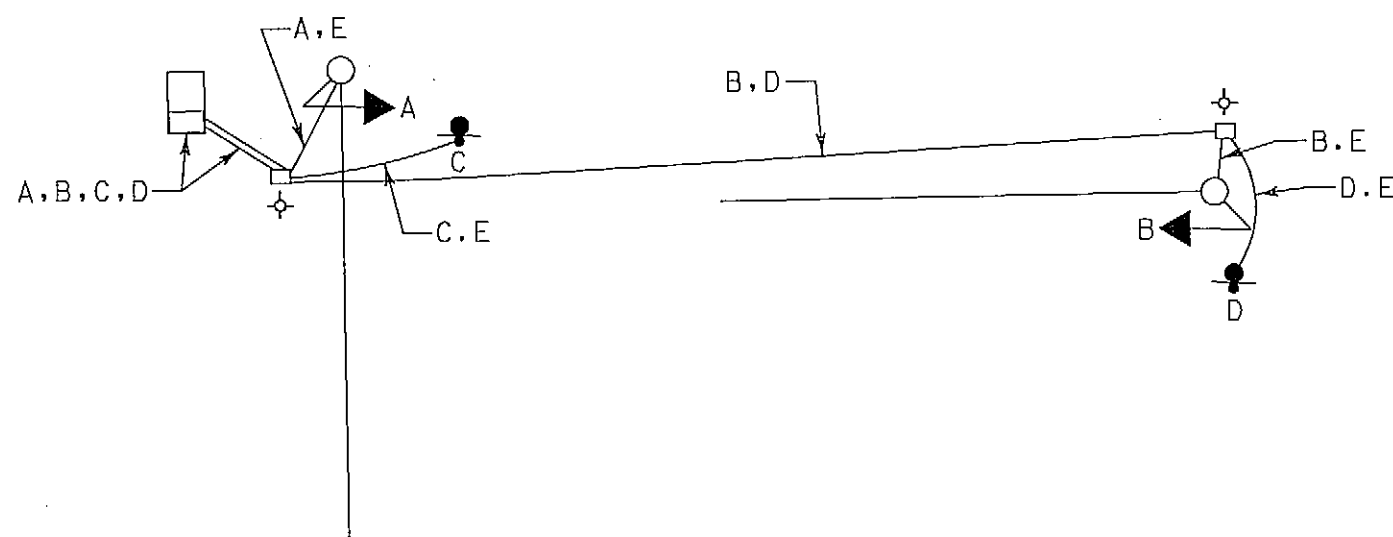
PHASE CHART



PHASE 1 AND 5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1 AND 5 CHANGE	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 1 + 6	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1 + 6 CHANGE	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 + 5	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
2 + 5 CHANGE	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 + 6	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PED CLEARANCE	G	G	G	G	G	G	G	G	G	G	FLDW	FLDW	FLDW	FLDW	DW	DW
2 + 6 CHANGE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW
PHASE 4 + 8	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
4 + 8 CHANGE	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 4 + 8 ALT	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	WK	WK
PED CLEARANCE	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	FLDW	FLDW
4 + 8 ALT CHANGE	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	DARK	DARK	DARK	DARK	DARK	DARK

MD 24 AND FOREST VALLEY DRIVE

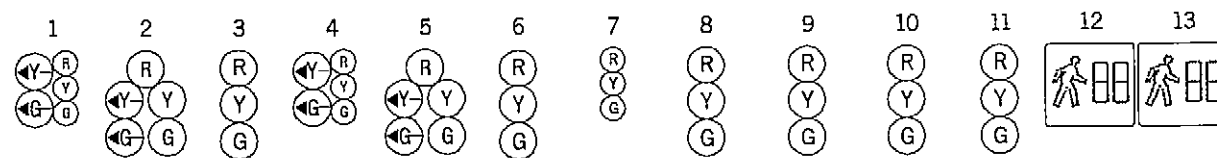
WIRING DIAGRAM



WIRING KEY

- A } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- B } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- C } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- D } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- + - 3/4 IN. X 10 FT. GROUND ROD

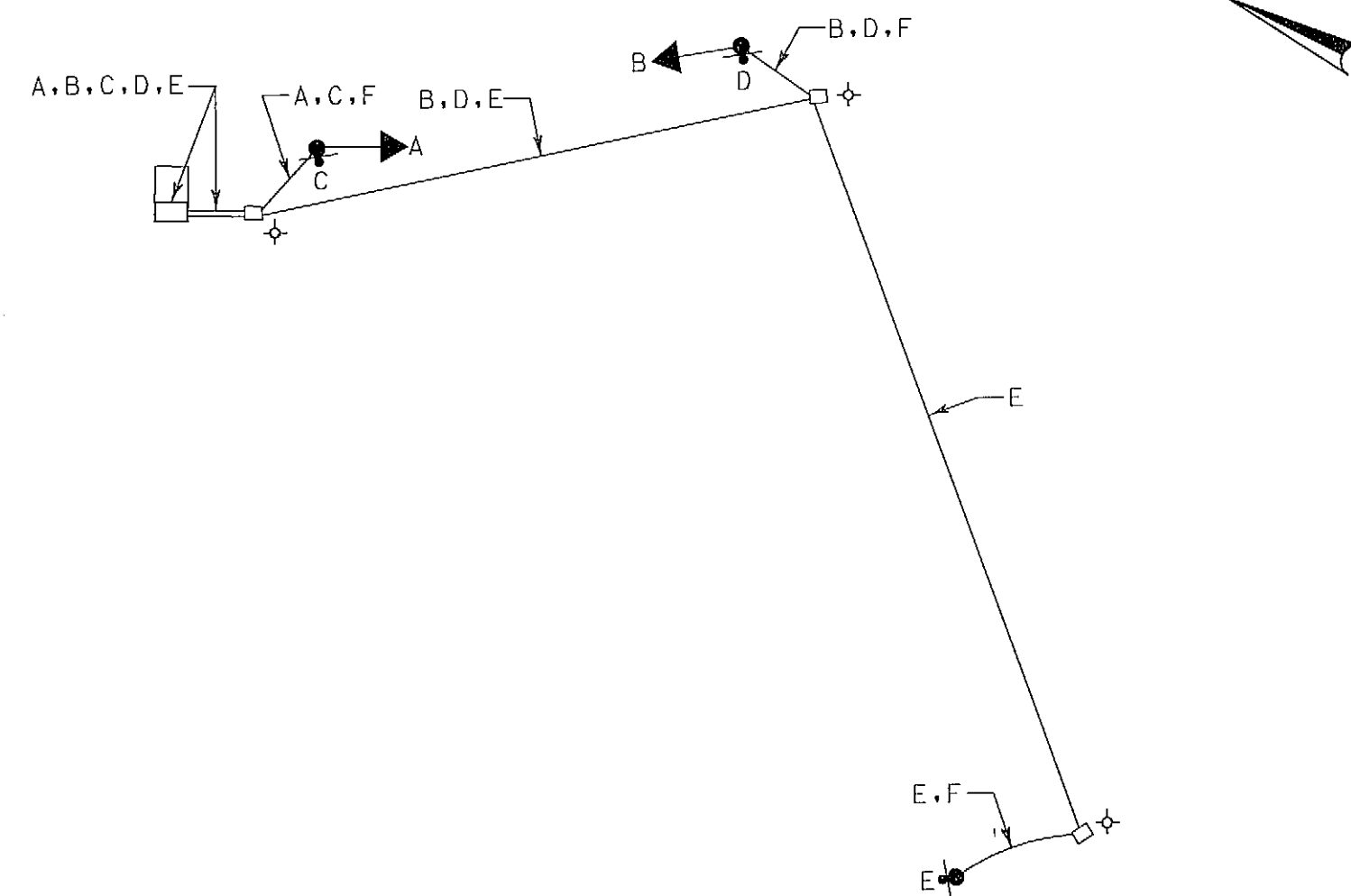
PHASE CHART



PHASE 1 AND 5	1	2	3	4	5	6	7	8	9	10	11	12	13
1 AND 5 CHANGE	R	R	R	R	R	R	R	R	R	R	R	DW	DW
PHASE 1 + 6	R	R	R	R	R	R	R	R	R	R	R	DW	DW
1 + 6 CHANGE	R	R	R	R	R	R	R	R	R	R	R	DW	DW
PHASE 2 + 5	R	R	R	R	R	R	R	R	R	R	R	DW	DW
2 + 5 CHANGE	R	R	R	R	R	R	R	R	R	R	R	DW	DW
PHASE 2 + 6	R	R	R	R	R	R	R	R	R	R	R	DW	DW
PED CLEARANCE	G	G	G	G	G	G	G	G	G	G	G	FLDW	FLDW
2 + 6 CHANGE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DW	DW
PHASE 4 + 8	R	R	R	R	R	R	R	R	R	R	R	DW	DW
4 + 8 CHANGE	R	R	R	R	R	R	R	R	R	R	R	DW	DW
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	DARK	DARK

MD 24 AND RED PUMP ROAD/BYNUM ROAD

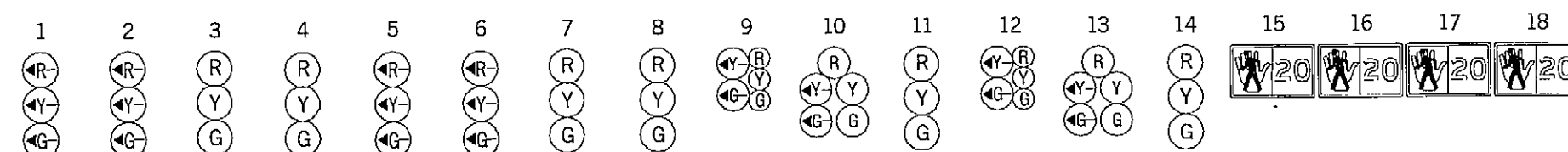
WIRING DIAGRAM



WIRING KEY

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- B } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
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- D } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- + - 3/4 IN. X 10 FT. GROUND ROD

PHASE CHART



PHASE 1 + 5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1 + 5 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 1 + 6	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 + 6 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 + 5	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
2 + 5 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 + 6	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PED CLEARANCE	G	G	G	G	G	G	G	G	G	G	G	G	G	G	FLDW	FLDW	FLDW	FLDW
2 + 6 CHANGE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
PHASE 3 AND 7	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
3 AND 7 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 3 AND 8	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
3 AND 8 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 4 AND 7	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
4 AND 7 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 4 AND 8	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
4 AND 8 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 4 AND 8 ALT	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	WK	WK
PED CLEARANCE	G	G	G	G	G	G	G	G	G	G	G	G	G	G	FLDW	FLDW	FLDW	FLDW
4 + 8 ALT CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	FLY	DARK	DARK	DARK	DARK



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 24 Intersections
Forest Hill, MD

GENERAL INFORMATION SHEET

SCALE NONE ADVERTISED DATE 11/23/2010 CONTRACT NO. AX7043168

DESIGNED BY S. Bloss COUNTY Harford
DRAWN BY S. Bloss LOGMILE 12002411.81
CHECKED BY N. Leary TMS NO. J827
F.A.P. NO. TOD NO.

TS NO. DRAWING TSP-6 OF 7 SHEET NO. 6 OF 7



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