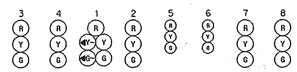
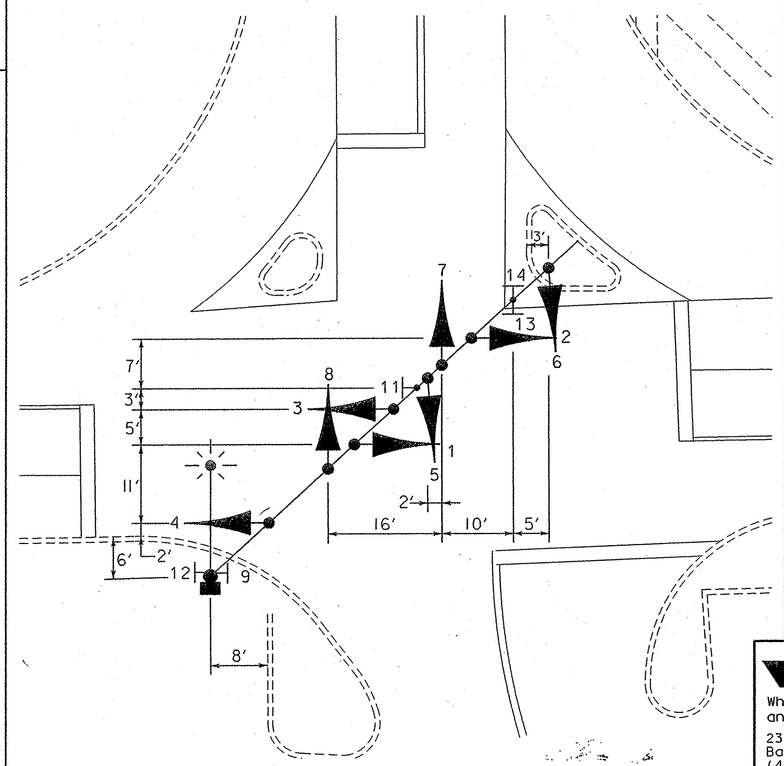
PHASE CHART



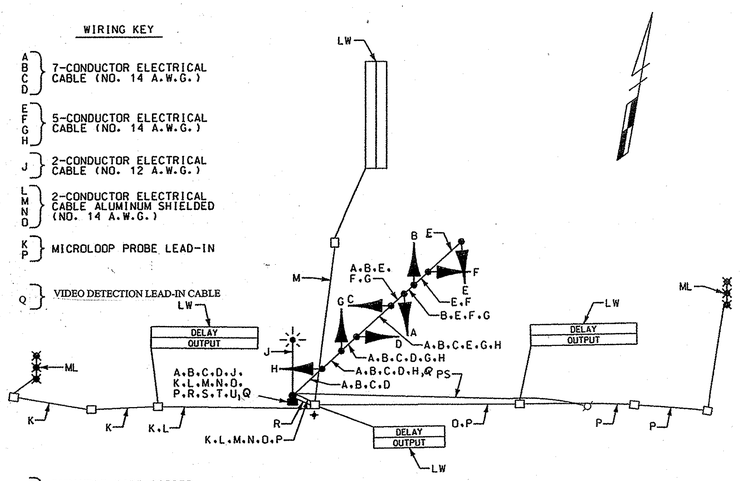
	3	4	1	2	5	6	7	8
PHASE 2 + 5	R	R	G ← G	G	R	R	R	R
2 + 5 CHANGE	R	R	G ← Y	G	R	R	R	R
PHASE 2 + 6	G	G	G	G	R	R	R	R
2 + 6 CHANGE	Y	Y	Y	Y	R	R	R	R
PHASE 4 + 8	R	R	R	R	G	G	G	G
4 + 8 CHANGE	R	R	R	R	Y	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R

DIMENSION DIAGRAM

SCALE 1" = 10'



WIRING DIAGRAM



WIRING KEY

- A, B, C, D — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- E, F, G, H — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- J — 2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)
- L, M, N, O — 2-CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 A.W.G.)
- K, P — MICROLOOP PROBE LEAD-IN
- Q — VIDEO DETECTION LEAD-IN CABLE
- R — STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- S, T, U — 1-CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)

LW - LOOP WIRE (NO. 14 A.W.G.)

ML - MICROLOOP PROBE SET

PS - PROPOSED UNDERGROUND ELECTRICAL SERVICE

⏚ - 3/4 IN. X 10 FT. GROUND ROD

WR&A
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Baltimore, Maryland 21218
(410) 235-3450

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
TOLLGATE ROAD AND BOULTON STREET

DRAWN BY: S. BLOSS	F.A.P. NO.		TS NO. TS-4133A	SHEET NO.
CHECKED BY: N. LEARY	S.H.A. NO.	BW340M83		
SCALE: NONE	COUNTY:	HARFORD	T.I.M.S. NO. J-294	2 OF 2
DATE: 8/27/01	LOG MILE:			

M:\20008\Tollgate&Boulton\e629gd02.dgn