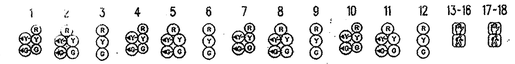
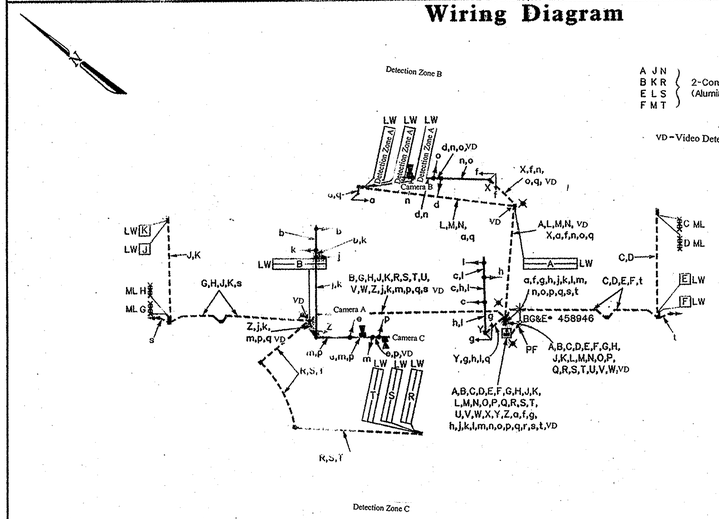
Phase Chart



	1	2	3	4	5	6	7	8	9	10	11	12	13-16	17-18
Phase 1 & 5	R G	R G	R	R G	R G	R	R	R	R	R	R	R	DW	DW
1 & 5 Change to Phase 1 & 6 or Phase 2 & 5 or Phase 2 & 6														
Phase 1 & 6	G G	G G	G	R	R	R	R	R	R	R	R	R	DW	DW
1 Change	G Y	G Y	G	R	R	R	R	R	R	R	R	R	DW	DW
Phase 2 & 5	R	R	R	G G	G G	G	R	R	R	R	R	R	DW	DW
5 Change	R	R	R	G Y	G Y	G	R	R	R	R	R	R	DW	DW
Phase 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R	WK	DW
Ped Clearance	G	G	G	G	G	G	R	R	R	R	R	R	FL/DW	DW
2 & 6 Change	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW
Phase 3 & 7	R	R	R	R	R	R	R G	R G	R	R G	R G	R	DW	DW
3 & 7 Change to Phase 3 & 8 or Phase 4 & 7 or Phase 4 & 8														
Phase 3 & 8	R	R	R	R	R	R	R	R	R	G G	G G	G	DW	DW
3 Change	R	R	R	R	R	R	R	R	R	G Y	G Y	G	DW	DW
Phase 4 & 7	R	R	R	R	R	R	G G	G G	G	R	R	R	DW	DW
7 Change	R	R	R	R	R	R	G Y	G Y	G	R	R	R	DW	DW
Phase 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW
4 & 8 Change	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW
Phase Alt 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G	DW	WK
Ped Clearance	R	R	R	R	R	R	G	G	G	G	G	G	DW	FL/DW
Alt 4 & 8 Change	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK

Wiring Diagram



C P
D Q
G U
H V
O W } Microloop Probe Lead-in Cable

A J N
B K R
E L S
F M T } 2-Conductor Cable (Aluminum Shielded)

VD = Video Detection Cable

X, Y } 2-Conductor Electrical Cable (No. 14 A.W.G.)

Z, a } 3-Conductor Electrical Cable (No. 14 A.W.G.)

b, c, d, e, f, g } 5-Conductor Electrical Cable (No. 14 A.W.G.)

h, m, j, n, k, o, i, p } 7-Conductor Electrical Cable (No. 14 A.W.G.)

q — Bare Copper Ground Wire (No. 6 A.W.G.)

r — 3-Wire (No. 4 A.W.G.) for Traffic Signal Electrical Service

s — 12-Pair Voice Grade Telemetry Interconnect Cable (No. 19 A.W.G.) (Naylors La. - Old Court Rd. Run)

t — 12-Pair Voice Grade Telemetry Interconnect Cable (No. 19 A.W.G.) (Old Court Rd. - McHenry Ave./Walker Ave. Run)

ML — Microloop Probe

LW — Loop Detector Wire (No. 14 A.W.G.) in Flexible Tubing

PF — Proposed Underground Electrical Service By BGE

X — Proposed Grounding Rod

The Traffic Group
The Traffic Group, Inc.
Suite H
9900 Franklinsquare Dr.
Baltimore, Maryland 21236
410-931-6600
1-800-583-8411
Fax 410-931-6601
Job No. 970727-026
SIG2.DGN

All mast arm poles, mast arms, and pedestal poles are to be painted National Park Service (NPS) Brown.

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(General Information)

TMS H-195 12/05

MD 140 at Old Court Road

DATE: December 2, 1999 — LOG MILE • 03014001.25

DRAWN BY: FJH/JES	F.A.P. NO.	SEE TITLE SHEET	PLAN SHEET NO.:	SHEET NO.
CHK. BY:	S.H.A. NO.	BA3035183	3265 H-GI	.33 of 81
SCALE: N/A	COUNTY:	Baltimore		

1:\970727\026\sig2\sig2.dgn 07-Dec-1999