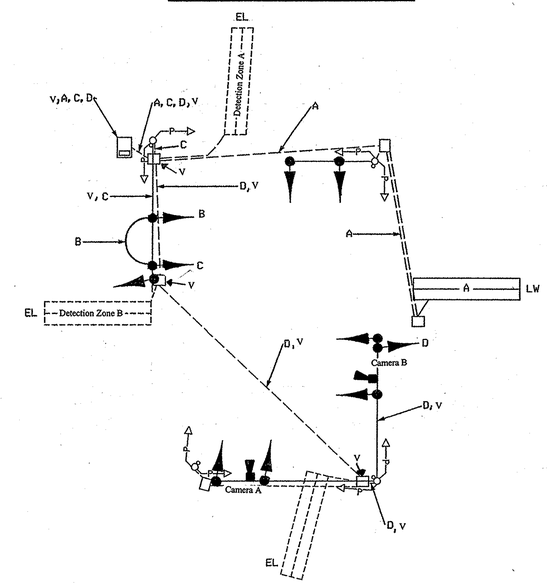
WIRING DIAGRAM



WIRING KEY

A - 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) ALUMINUM SHIELDED

B - 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

C, D } 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

LW - LOOP WIRE

EL - EXISTING LOOP

V - Video Detection Cable

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11-14	15-18
PHASE 1 AND 5	←G/R	←G/R	R	←G/R	←G/R	R	R	R	R	R	DW	DW
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6												
PHASE 1 AND 6	R	R	R	←G/G	←G/G	G	R	R	R	R	DW	DW
1 AND 6 CHANGE	R	R	R	←Y/G	←Y/G	G	R	R	R	R	DW	DW
PHASE 2 AND 5	←G/G	←G/G	G	R	R	R	R	R	R	R	DW	DW
2 AND 5 CHANGE	←Y/G	←Y/G	G	R	R	R	R	R	R	R	DW	DW
ALTERNATE PHASES 2 AND 6	G	G	G	G	G	G	R	R	R	R	WK	DW
PED CLEARANCE	G	G	G	G	G	G	R	R	R	R	FL/DW	DW
ALTERNATE PHASES 2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	DW	DW
PHASE 4 AND 8	R	R	R	R	R	R	G	G	G	G	DW	DW
4 AND 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	DW	DW
ALTERNATE PHASES 4 AND 8	R	R	R	R	R	R	Y	Y	Y	Y	DW	WK
PED CLEARANCE	R	R	R	R	R	R	G	G	G	G	DW	FL/DW
ALTERNATE PHASES 4 AND 8 CHANGE	R	R	R	R	R	R	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	DARK	DARK

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET

08/06
Tims # I-075

US 1 AND KNOX ROAD

SABRA, WANG & ASSOCIATES, INC.
1506 JOH AVENUE
SUITE 180
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

DRAWN BY:	M MEARS	F.A.P. NO.	SHA NO.:	TS NO.	SHEET NO.
CHECKED BY:		S.H.A. NO.	23854T2502849	TS-1099H	
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGES	T.I.M.S. NO.	
DATE:	MARCH 30, 2001	LOG MILE:		E 495	2 OF 2

R: 97-11\TASK-47\DWG\E495GG02.DGN