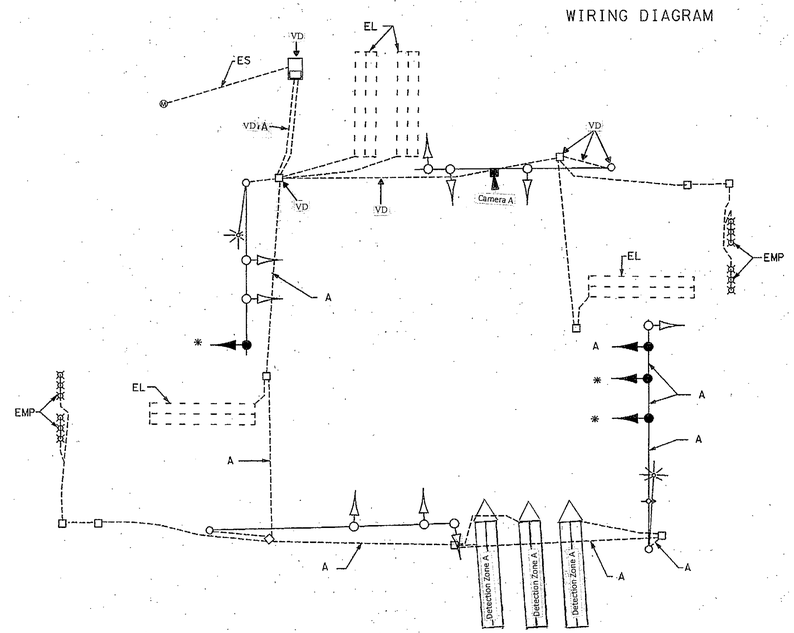
PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13
PHASE 1 & 5	◄G–	◄G–	R	R	◄G–/R	◄G–/R	R	R	R	R	R	R	R
CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6													
PHASE 1 & 6	◄G–	◄G–	G	G	R	R	R	R	R	R	R	R	R
1 & 6 CHANGE	◄Y–	◄Y–	G	G	R	R	R	R	R	R	R	R	R
PHASE 2 & 5	◄R–	◄R–	R	R	◄G–/G	◄G–/G	G	R	R	R	R	R	R
2 & 5 CHANGE	◄R–	◄R–	R	R	◄Y–/G	◄Y–/G	G	R	R	R	R	R	R
PHASE 2 & 6	◄R–	◄R–	G	G	G	G	G	R	R	R	R	R	R
2 & 6 CHANGE	◄R–	◄R–	Y	Y	Y	Y	Y	R	R	R	R	R	R
PHASE 3	◄R–	◄R–	R	R	R	R	R	R	R	R	G ◄G–	G ◄G–	G
3 CHANGE	◄R–	◄R–	R	R	R	R	R	R	R	R	Y	Y	Y
PHASE 4	◄R–	◄R–	R	R	R	R	R	G ◄G–	G ◄G–	G	R	R	R
4 CHANGE	◄R–	◄R–	R	R	R	R	R	Y	Y	Y	R	R	R
FLASHING OPERATION	FL/◄R–	FL/◄R–	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

WIRING DIAGRAM



WIRING KEY

A - 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

* - USE EXISTING WIRING

EMP- MICROLOOP LEAD-IN CABLE

EL - LOOP WIRE (NO. 14 A.W.G.) EXISTING

ES - EXISTING UNDERGROUND SERVICE TO BE MAINTAINED

VD - Video Detection

STREET TRAFFIC STUDIES, LTD.
420 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

468661.dgn

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

MD 2 / 4 AND PATUXENT POINT PKWY

DRAWN BY: R.C.	F.A.P. NO.		TS NO. 3750C	SHEET NO.
CHECKED BY: J.A.	S.H.A. NO.	SHOP INSTALL		
SCALE: NONE	COUNTY:	CALVERT	T.I.M.S. NO. J-656	2 OF 2
DATE: 7/19/04	LOG MILE:	04000202.43		

...\4000's\4688\468661.dgn Jul. 19, 2004 10:03:04