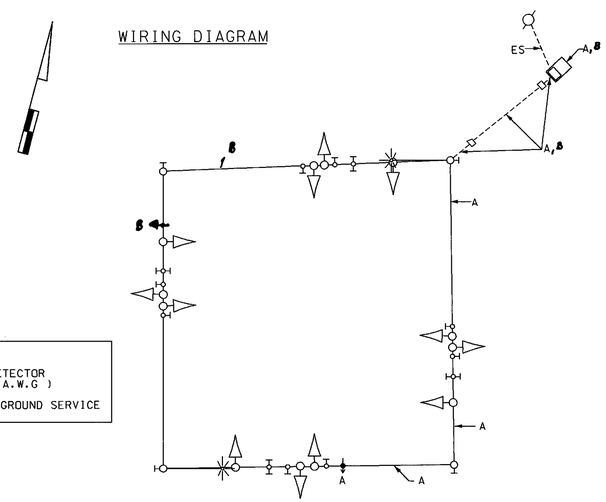
PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1 & 5	◄G-/G	◄G-/G	R	◄G-/G	◄G-/G	R	R	R	R	R	R	R
CHANGES TO PHASES 1 & 6 OR 2 & 5												
PHASE 1 & 6	◄G-/G	◄G-/G	G	R	R	R	R	R	R	R	R	R
1 & 6 CHANGE	◄Y-/G	◄Y-/G	Y	R	R	R	R	R	R	R	R	R
PHASE 2 & 5	R	R	R	◄G-/G	◄G-/G	G	R	R	R	R	R	R
2 & 5 CHANGE	R	R	R	◄Y-/G	◄Y-/C	Y	R	R	R	R	R	R
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R
PHASE 3 & 7	R	R	R	R	R	R	◄G-/G	◄G-/G	R	◄G-/G	◄G-/G	R
CHANGES TO PHASES 3 & 8 OR 4 & 7												
PHASE 3 & 8	R	R	R	R	R	R	◄G-/G	◄G-/G	G	R	R	R
3 & 8 CHANGE	R	R	R	R	R	R	◄Y-/G	◄Y-/G	Y	R	R	R
PHASE 4 & 7	R	R	R	R	R	R	R	R	R	◄G-/G	◄G-/G	G
4 & 7 CHANGE	R	R	R	R	R	R	R	R	R	◄Y-/G	◄Y-/G	Y
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G
4 & 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y
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

FIRE HOUSE PRE-EMPTION

FIRE HOUSE PRE-EMPTION PHASE 1 & 6	◄G-/G	◄G-/G	G	R	R	R	R	R	R	R	R	R
FIRE HOUSE PRE-EMPTION CLEARANCE	◄Y-/Y	◄Y-/Y	Y	R	R	R	R	R	R	R	R	R
ALL RED	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 2 & 6 NORMAL OPERATION	G	G	G	G	G	G	R	R	R	R	R	R

WIRING DIAGRAM



WIRING KEY

A, B 4-CONDUCTOR DETECTOR CABLE (NO. 20 A.W.G)

ES- EXISTING UNDERGROUND SERVICE

MD 272 @ MD 273

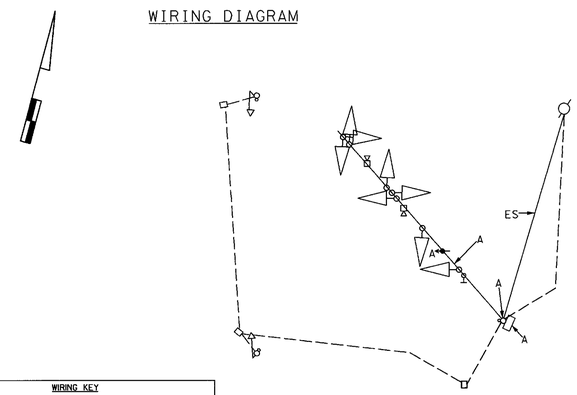
PHASE CHART

	1	2	3	4	5	6	7	8	9,10
Phase 2 & 6	G	G	G	G	R	R	R	R	DW
2 & 6 Change	Y	Y	Y	Y	R	R	R	R	DW
Phase 4 & 8	R	R	R	R	G	G	G	G	DW
4 & 8 Change	R	R	R	R	Y	Y	Y	Y	DW
Phase Alt 4 & 8	R	R	R	R	G	G	G	G	WK
Ped Clearance	R	R	R	R	G	G	G	G	FL/DW
Alt 4 Change	R	R	R	R	Y	Y	Y	Y	DW
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK

FIRE HOUSE PRE-EMPTION

FIRE HOUSE PRE-EMPTION PHASE 6	G	G	R	R	R	R	R	R	DW
FIRE HOUSE PRE-EMPTION CLEARANCE	Y	Y	R	R	R	R	R	R	DW
PHASE 2 & 6 NORMAL OPERATION	G	G	G	G	R	R	R	R	DW

WIRING DIAGRAM



WIRING KEY

A - 4-CONDUCTOR DETECTOR CABLE (NO. 20 A.W.G)

ES- EXISTING OVERHEAD SERVICE

MD 273 @ RISING SUN SHOPPING CENTER

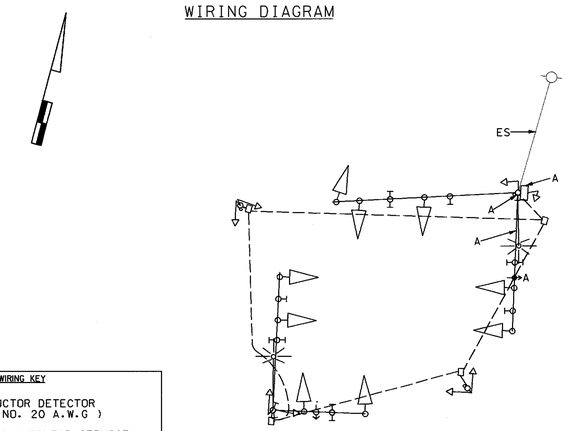
PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Phase 2 & 6	G	G	G	G	R	R	R	R	R	WK	WK	WK	WK	DW	DW	DW	DW
Ped Clearance	G	G	G	G	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW	DW	DW
2 & 6 Change	Y	Y	Y	Y	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
Phase 4 & 8	R	R	R	R	G	G	G	G	G	DW	DW	DW	DW	DW	DW	DW	DW
4 & 8 Change	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
Phase Alt 4 & Alt 8	R	R	R	R	G	G	G	G	G	DW	DW	DW	DW	WK	WK	WK	WK
Ped Clearance	R	R	R	R	G	G	G	G	G	DW	DW	DW	DW	FL/DW	FL/DW	FL/DW	FL/DW
Alt 4 & Alt 8 Change	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK

FIRE HOUSE PRE-EMPTION

FIRE HOUSE PRE-EMPTION I	R	R	R	R	G	G	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
FIRE HOUSE PRE-EMPTION I CLEAR	R	R	R	R	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
FIRE HOUSE PRE-EMPTION II	R	R	G	G	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
FIRE HOUSE PRE-EMPTION II CLEAR	Y	Y	G	G	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 2 & 6 NORMAL OPERATION	G	G	G	G	R	R	R	R	R	WK	WK	WK	WK	DW	DW	DW	DW

WIRING DIAGRAM



WIRING KEY

A - 4-CONDUCTOR DETECTOR CABLE (NO. 20 A.W.G)

ES- EXISTING OVERHEAD SERVICE

MD 273 @ MD 274

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. N.W.
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Fax (410) 590-6537

4267G11.dgn Task 68

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

MD 273 @ RISING SUN SHOPPING CENTER, MD 273 @ MD 274 and MD 272 @ MD 273

DRAWN BY: J. ALLEN Jr.	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:	S.H.A. NO.			
SCALE: NONE	COUNTY: CECIL		T.I.M.S. NO. F401	4 OF 5
DATE: 3-3-03	LOG MILE:			

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