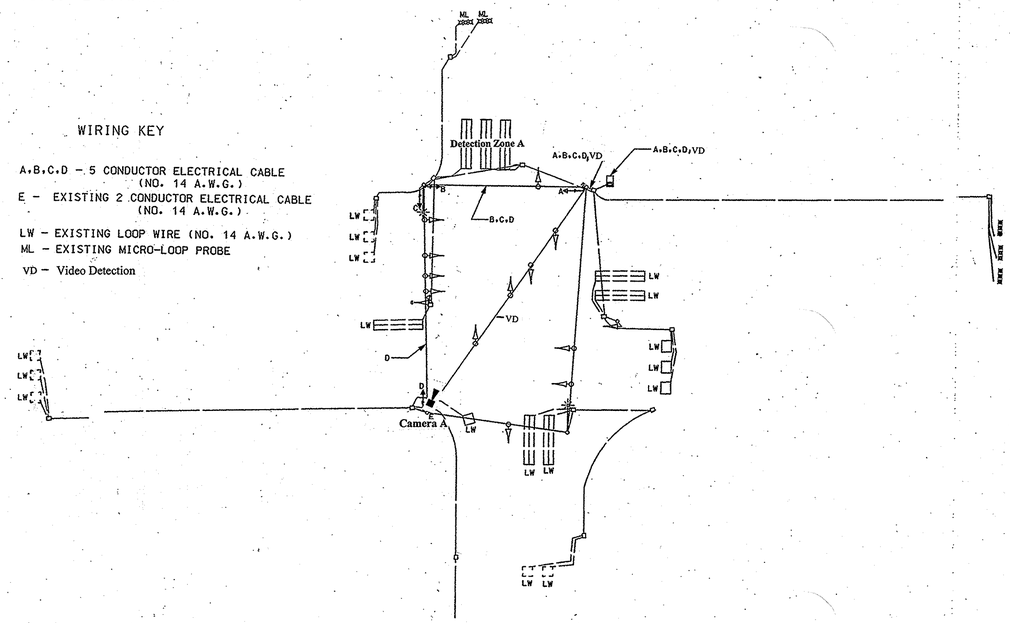
WIRING DIAGRAM

WIRING KEY

A,B,C,D – 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
E – EXISTING 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
LW – EXISTING LOOP WIRE (NO. 14 A.W.G.)
ML – EXISTING MICRO-LOOP PROBE
VD – Video Detection



PHASE CHART

PHASING CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 & 5	◁G–	◁G–	R	R	◁G–	◁G–	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 & 5 CHANGE	PHASE 1 & 5 CHANGE MAY CHANGE TO PHASE 1 & 6, 2 & 5 OR 2 & 6																	
PHASE 1 & 6	◁G–	◁G–	G	G	◁R–	◁R–	R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 CHANGE	◁Y–	◁Y–	G	G	◁R–	◁R–	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 & 5	◁R–	◁R–	R	R	◁G–	◁G–	G	G	R	R	R	R	R	R	DW	DW	DW	DW
5 CHANGE	◁R–	◁R–	R	R	◁Y–	◁Y–	G	G	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 & 6	◁R–	◁R–	G	G	◁R–	◁R–	G	G	R	R	R	R	R	R	WK	WK	DW	DW
PED CLEAR	◁R–	◁R–	G	G	◁R–	◁R–	G	G	R	R	R	R	R	R	FL/DW	FL/DW	DW	DW
2 & 6 CHANGE	◁R–	◁R–	Y	Y	◁R–	◁R–	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 3	◁R–	◁R–	R	R	◁R–	◁R–	R	R	R	R	R	G ◁R–	G ◁G–	G	DW	DW	DW	DW
3 CHANGE	◁R–	◁R–	R	R	◁R–	◁R–	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW
PHASE ALT. 3	◁R–	◁R–	R	R	◁R–	◁R–	R	R	R	R	R	G ◁G	G ◁G–	G	DW	DW	WK	WK
PED CLEAR	◁R–	◁R–	R	R	◁R–	◁R–	R	R	R	R	R	G ◁G–	G ◁G–	G	DW	DW	FL/DW	FL/DW
ALT. 3 CHANGE	◁R–	◁R–	R	R	◁R–	◁R–	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW
PHASE 4	◁R–	◁R–	R	R	◁R–	◁R–	R	R	G ◁G–	G ◁G–	G	R	R	R	DW	DW	DW	DW
4 CHANGE	◁R–	◁R–	R	R	◁R–	◁R–	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW
FLASHING OPERATION	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 2 AT MARLEY STATION ROAD

SCALE N/A DATE 6-27-05 CONTRACT NO.

DESIGNED BY C.WARD
DRAWN BY C.WARD
CHECKED BY M.RUCKER
F.A.P. NO.

COUNTY ANNE ARUNDEL
LOGMILE 02000234.76
T.I.M.S. NO.
TOD NO.

DRAWING NO. – OF SHEET NO. 2 OF 2

PLOTTED: MONDAY, JULY 25, 2005 AT 11:31:02 AM
FILE: 09780002.DGN

BY: CWARD