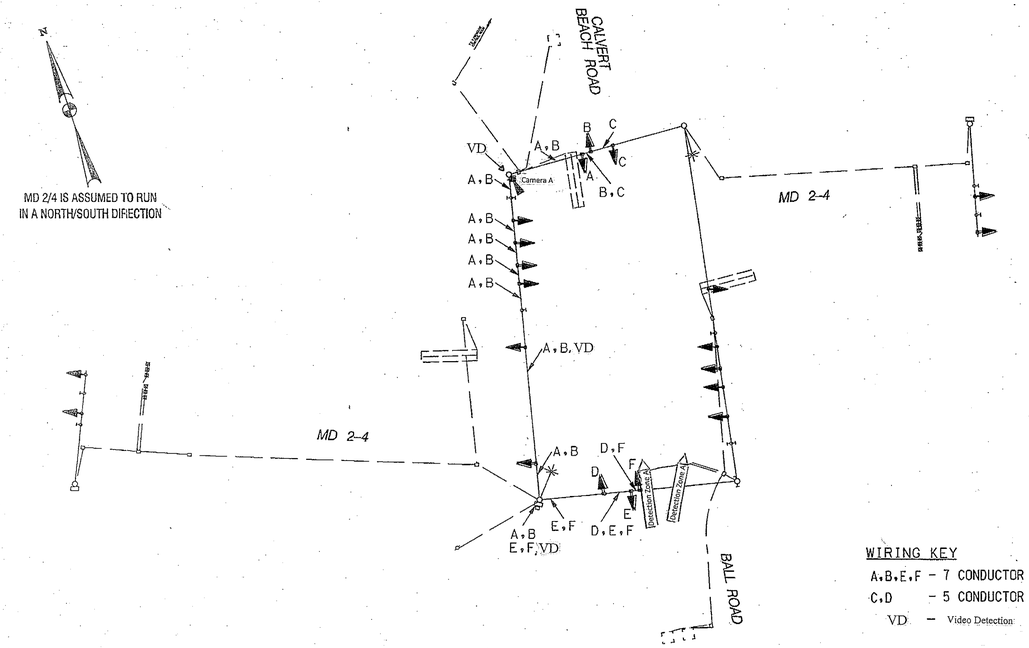
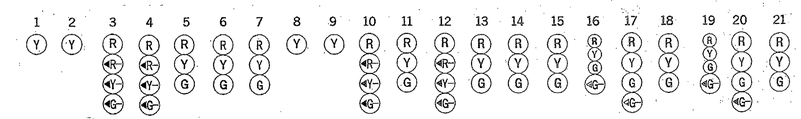
WIRING DIAGRAM



WIRING KEY

A,B,E,F - 7 CONDUCTOR CABLE (NO. 14 AWG)
C,D - 5 CONDUCTOR CABLE (NO. 14 AWG)
VD - Video Detection

PHASING SEQUENCE CHART



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
PHASE 1 AND 5	FL/Y	FL/Y	←G—	←G—	R	R	R	FL/Y	FL/Y	←G—	R	←G—	R	R	R	R	R	R	R	R	R
CONTROLLER MAY SKIP TO PHASES 1 AND 6, PHASES 2 AND 5, OR PHASES 2 AND 6.																					
PHASE 1 AND 6	DARK	DARK	←G—	←G—	G	G	G	FL/Y	FL/Y	R/←R—	R	R/←R—	R	R	R	R	R	R	R	R	R
1 CHANGE	DARK	DARK	←Y—	←Y—	G	G	G	FL/Y	FL/Y	R/←R—	R	R/←R—	R	R	R	R	R	R	R	R	R
PHASE 2 AND 5	FL/Y	FL/Y	R/←R—	R/←R—	R	R	R	DARK	DARK	←G—	G	←G—	G	G	G	R	R	R	R	R	R
5 CHANGE	FL/Y	FL/Y	R/←R—	R/←R—	R	R	R	DARK	DARK	←Y—	G	←Y—	G	G	G	R	R	R	R	R	R
PHASE 2 AND 6	DARK	DARK	R/←R—	R/←R—	G	G	G	DARK	DARK	R/←R—	G	R/←R—	G	G	G	R	R	R	R	R	R
2 AND 6 CHANGE	FL/Y	FL/Y	R/←R—	R/←R—	Y	Y	Y	FL/Y	FL/Y	R/←R—	Y	R/←R—	Y	Y	Y	R	R	R	R	R	R
PHASE 3	FL/Y	FL/Y	R/←R—	R/←R—	R	R	R	FL/Y	FL/Y	R/←R—	R	R/←R—	R	R	R	R	R	R	G/←G—	G/←G—	G
3 CHANGE	FL/Y	FL/Y	R/←R—	R/←R—	R	R	R	FL/Y	FL/Y	R/←R—	R	R/←R—	R	R	R	R	R	R	Y	Y	Y
PHASE 4	FL/Y	FL/Y	R/←R—	R/←R—	R	R	R	FL/Y	FL/Y	R/←R—	R	R/←R—	R	R	R	G/←G—	G/←G—	G	R	R	R
4 CHANGE	FL/Y	FL/Y	R/←R—	R/←R—	R	R	R	FL/Y	FL/Y	R/←R—	R	R/←R—	R	R	R	Y	Y	Y	R	R	R
FLASHING OPERATION	DARK	DARK	FL/ R/←R—	FL/ R/←R—	FL/Y	FL/Y	FL/Y	DARK	DARK	FL/ R/←R—	FL/Y	FL/ R/←R—	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

FIREHOUSE PREEMPTION

FIREHOUSE PREEMPTION PHASE 3	FL/Y	FL/Y	R/←R—	R/←R—	R	R	R	FL/Y	FL/Y	R/←R—	R	R/←R—	R	R	R	R	R	R	G/←G—	G/←G—	G
PREEMPTION CLEARANCE	FL/Y	FL/Y	R/←R—	R/←R—	R	R	R	FL/Y	FL/Y	R/←R—	R	R/←R—	R	R	R	R	R	R	Y	Y	Y
NORMAL OPERATION PHASES 2 AND 6	DARK	DARK	R/←R—	R/←R—	G	G	G	DARK	DARK	R/←R—	G	R/←R—	G	G	G	R	R	R	R	R	R

BY: apowell

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

MD2-4 AND BALL ROAD/CALVERT BEACH ROAD

INSTALLATION OF SPLIT PHASING AND NEW LED SIGNAL HE

GENERAL INFORMATION SHEET

SCALE NOT TO SCALE DATE JUNE 2007 CONTRACT NO. AT9

DESIGNED BY H. DONG
DRAWN BY A. POWELL
CHECKED BY
FAP NO.

COUNTY CALVERT
LOGMILE 04000213.6
TIMS NO. J-448
TOD NO.

TS NO. 3375 E | DRAWING TS-1 OF 1 | SHEET NO. 2

PLOTTED: Thursday, August 23, 2007 AT 03:20 PM
FILE: J:\2005 Projects\000020.018\Cad\Task #67 - MD 2-4 at Ball Road and Calvert Beach Road\pSG-N001_MD2_4_ATBALLROAD_CALVERTBEACHROAD.dgn