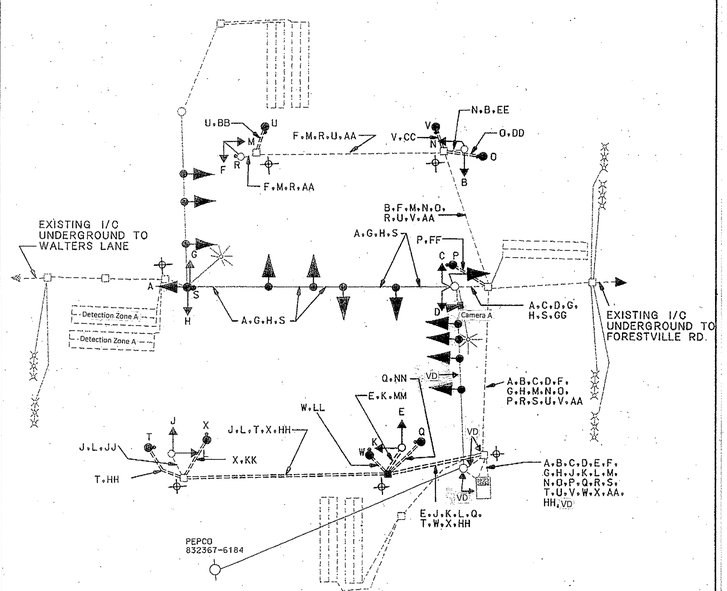
WIRING DIAGRAM
NOT TO SCALE

Wiring Key

O,P,Q,R,S,T, U,V,W,X	2-Conductor (No. 14 AWG) electrical cable.
A,B,C,D,E,F,G,H, J,K,L,M,N,	5-Conductor (No. 14 AWG) electrical cable.
AA,BB,CC,DD,EE, FF,GG,HH,JJ,KK, LL,MM,NN	No. 6 AWG Stranded Bare Copper Ground Wire

VD – Video Detection



PHASE CHART

ALL PEDESTRIAN HEADS ARE 16" LED COUNTDOWN PEDESTRIAN HEADS

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G												
PHASE 1 & 5	G	G	R	R	G	G	G	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
1 & 5 CHANGE	CHANGE TO PHASE 1 & 6 OR PHASE 2 & 5																								
PHASE 1 & 6	G	G	G	G	R	R	R	R	R	R	R	R	R	DW	WK	WK	DW	DW	DW	DW	DW	DW	DW	DW	DW
PED CLEARANCE	G	G	G	G	R	R	R	R	R	R	R	R	R	DW	FL/DW	FL/DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
1 & 6 CHANGE	Y	Y	Y	Y	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 2 & 5	R	R	R	R	G	G	G	G	G	R	R	R	R	WK	DW	DW	WK	DW	DW	DW	DW	DW	DW	DW	DW
PED CLEARANCE	R	R	R	R	G	G	G	G	G	R	R	R	R	FL/DW	DW	DW	FL/DW	DW	DW	DW	DW	DW	DW	DW	DW
2 & 5 CHANGE	R	R	R	R	Y	Y	Y	Y	Y	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 2 & 6	R	R	G	G	R	R	R	G	G	R	R	R	R	WK	WK	WK	WK	DW	DW	DW	DW	DW	DW	DW	DW
PED CLEARANCE	R	R	G	G	R	R	R	G	G	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW	DW	DW	DW	DW	DW	DW
2 & 6 CHANGE	R	R	Y	Y	R	R	R	Y	Y	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 3	R	R	R	R	R	R	R	R	R	R	R	R	G/G	G	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
3 CHANGE	R	R	R	R	R	R	R	R	R	R	R	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PHASE 4	R	R	R	R	R	R	R	R	R	G/G	G	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
ALT PHASE 3	R	R	R	R	R	R	R	R	R	R	R	G/G	G	DW	DW	DW	DW	WK	WK	DW	DW	DW	DW	WK	WK
PED CLEARANCE	R	R	R	R	R	R	R	R	R	R	R	G/G	G	DW	DW	DW	DW	FL/DW	FL/DW	DW	DW	DW	DW	FL/DW	FL/DW
ALT 3 CHANGE	R	R	R	R	R	R	R	R	R	R	R	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
ALT PHASE 4	R	R	R	R	R	R	R	R	R	G/G	G	R	R	DW	DW	DW	DW	DW	DW	WK	WK	WK	WK	DW	DW
PED CLEARANCE	R	R	R	R	R	R	R	R	R	G/G	G	R	R	DW	DW	DW	DW	DW	DW	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW
ALT 4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	R	R	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION – DISTRICT 3

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 4 (Pennsylvania Avenue) @ Donnell Drive
Signal Plan Notes

WALLACE, MONTGOMERY & ASSOCIATES, LLP
CIVIL AND STRUCTURAL ENGINEERS
110 West Road
Suite 300
Towson, Maryland 21204

SCALE N.T.S. DATE 04/23/2002 CONTRACT NO. AW113A56 AW113B56

DESIGNED BY
DRAWN BY
CHECKED BY
F.A.P. NO. CM-STP-000S(502)E

COUNTY PRINCE GEORGE'S
LOGMILE 16000410.40
T.I.M.S. NO. 3-569
TOD NO.

DRAWING NO. 69E
SHEET NO. 2 OF 2

PLOTTED: THURSDAY, MARCH 30, 2006 AT 07:28 AM
FILE: M:\PROJ\201819.33\CADD\PSG-N000_MD4_DONNELL.DGN

03/30/2006 07:28:08 AM M:\000\201819.33\CADD\PSG-N000_MD4_Donnell.dgn