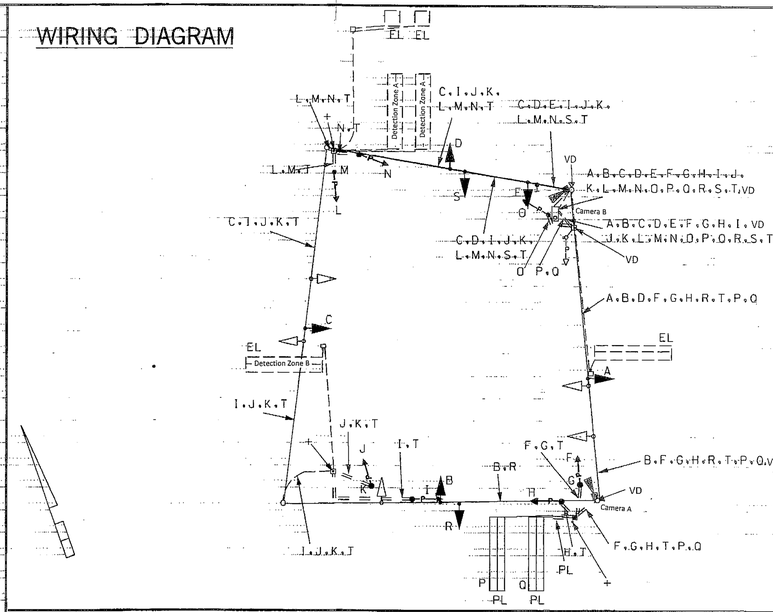
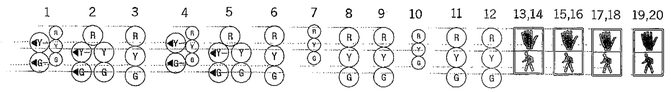
WIRING DIAGRAM



KEY

A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T	7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG).
C	USE EXISTING 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
E	5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG).
F, H, I, J, L, N, O	3 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG).
G, K, M	2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG).
T	BARE STRANDED GROUND WIRE (NO. 14 AWG)
P, Q	2 CONDUCTOR ALUMINUM SHIELDED CABLE (NO. 14 AWG).
+	3/4" DIAMETER X 10' LENGTH GROUND ROD.
EL	EXISTING LOOP.
PL	PROPOSED LOOP WIRE (NO. 14 AWG) 1/4" IN FLEXIBLE TUBING.
VD	Video Detection

PHASE CHART



	1	2	3	4	5	6	7	8	9	10	11	12	13,14	15,16	17,18	19,20
PHASE 1 AND 5	G-/R	G-/R	R	G-/R	G-/R	R	R	R	R	R	R	R	DW	DW	DW	DW
1 AND 5 MAY CHANGE TO 1 AND 6,2 AND 5,OR 2 AND 6																
PHASE 1 AND 6	R	R	R	G-/G	G-/G	G	R	R	R	R	R	R	DW	DW	DW	DW
1 AND 6 CHANGE	R	R	R	Y-/Y	Y-/Y	Y	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 AND 5	G-/G	G-/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
2 AND 5 CHANGE	Y-/G	Y-/G	Y	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	WK	DW	WK	DW
PED CLEAR	G	G	G	G	G	G	R	R	R	R	R	R	FL/DW	DW	FL/DW	DW
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW
PHASE 4 AND 8	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW
4 AND 8CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
PHASE 4 AND 8 ALT	R	R	R	R	R	R	G	G	G	G	G	G	DW	WK	DW	WK
PED CLEAR	R	R	R	R	R	R	G	G	G	G	G	G	DW	FL/DW	DW	FL/DW
4 AND 8 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
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	DARK	DARK	DARK	DARK

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

MD 193 AT 15TH AVENUE.

DRAWN BY: KC/CW	F.A.P. NO.		TS NO. 405E	SHEET NO. 2 OF 2
CHECKED BY: ORG	S.H.A. NO.	BW996MB2		
SCALE: NTS	COUNTY:	PRINCE GEORGES	T.I.M.S. NO. J-893	
DATE: MARCH 1, 2009	LOG MILE:	16019300.74		

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