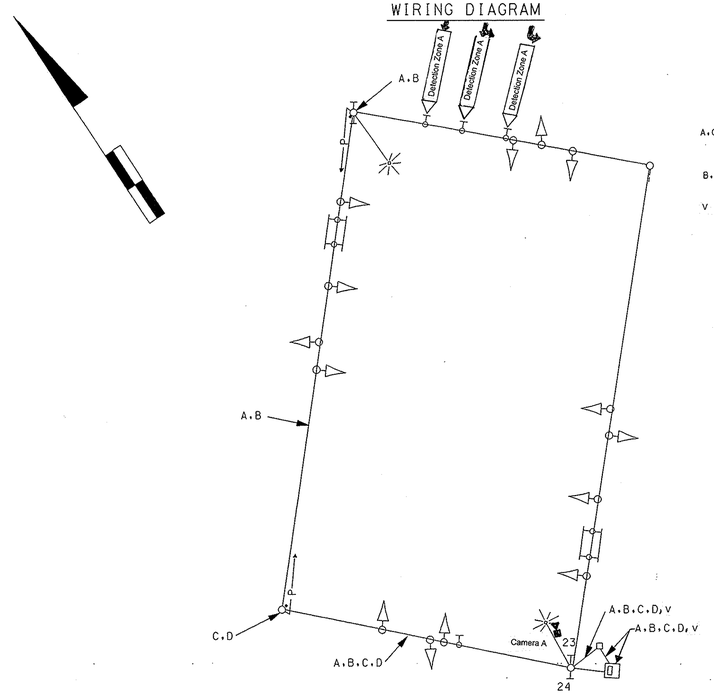
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE BELOW	2	2

WIRING DIAGRAM

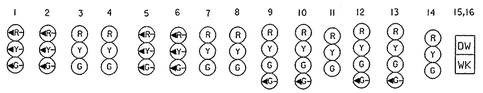


A,C 2-CONDUCTOR, ELECTRICAL CABLE (NO. 14 AWG)

B,D 3-CONDUCTOR, ELECTRICAL CABLE (NO. 14 AWG)

V VIDEO DETECTION LEAD-IN CABLE

PHASE CHART



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15,16
Phase 1 & 5	◄G–	◄G–	R	R	◄G–	◄G–	R	R	R	R	R	R	R	R	DW
1 & 5 Change	THE CONTROLLER MAY SKIP TO PHASES 1 & 6 OR 2 & 5 OR 2 & 6														
Phase 1 & 6	R	R	R	R	◄G–	◄G–	G	G	R	R	R	R	R	R	DW
1 Change	R	R	R	R	◄Y–	◄Y–	G	G	R	R	R	R	R	R	DW
Phase 2 & 5	◄G–	◄G–	G	G	R	R	R	R	R	R	R	R	R	R	DW
5 Change	◄Y–	◄Y–	G	G	R	R	R	R	R	R	R	R	R	R	DW
Phase 2 & 6	◄R–	◄R–	G	G	◄R–	◄R–	G	G	R	R	R	R	R	R	DW
2 & 6 Change	◄R–	◄R–	Y	Y	◄R–	◄R–	Y	Y	R	R	R	R	R	R	DW
Phase 3	◄R–	◄R–	R	R	◄R–	◄R–	R	R	R	R	R	G ◄G–	G ◄G–	G	DW
3 Change	◄R–	◄R–	R	R	◄R–	◄R–	R	R	R	R	R	Y	Y	Y	DW
Phase 4	◄R–	◄R–	R	R	◄R–	◄R–	R	R	G ◄G–	G ◄G–	G	R	R	R	WK
4 Change	◄R–	◄R–	R	R	◄R–	◄R–	R	R	Y	Y	Y	R	R	R	WK
Ø4 Alt.	◄R–	◄R–	R	R	◄R–	◄R–	R	R	G ◄G–	G ◄G–	G	R	R	R	WK
Ped. Clear	◄R–	◄R–	R	R	◄R–	◄R–	R	R	G ◄G–	G ◄G–	G	R	R	R	FL/DW
4 Alt. Change	◄R–	◄R–	R	R	◄R–	◄R–	R	R	Y	Y	Y	R	R	R	DW
Flashing Operation	FL/RA	FL/RA	FL/Y	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK

REVISIONS
Ⓕ Install Video Detection SHA # 23854T130226/05
Ⓔ ADD CROSSWALK, SIDEWALK RAMPS, AND PEDESTRAIN SIGNALS FOR WEST LEG US 40 11/30/95 SHA #0 - 23854T2040601
KLW

APPROVALS
ORIGINAL ON FILE
ASST. DIVISION CHIEF, TEDD
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

US 40 AND CHATHAM ROAD

DATE 6/20/77

DRAWN BY: M.A. JOHNSON	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
CHECK BY: J. GORDON	S.H.A. NO.	HO 536-501-785	TS-1518F	2 OF 2
SCALE: 1"-20'	COUNTY	HOWARD		

LOG MILE #13004017.65

US 40 @ CHATHAM