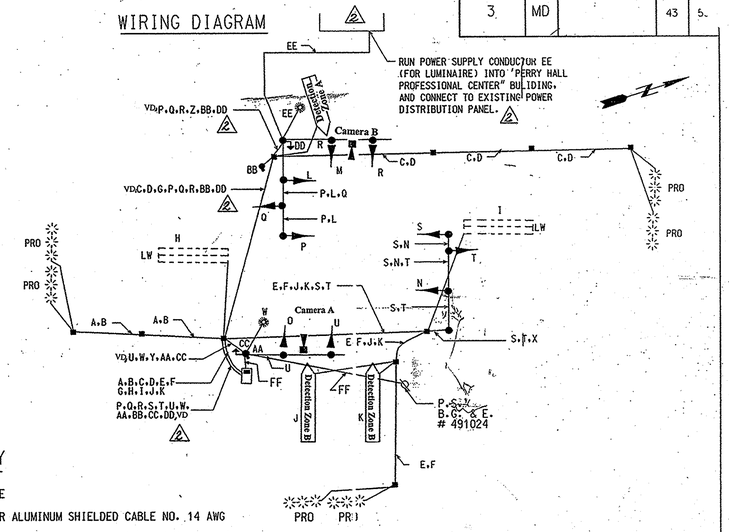
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD		43	5

WIRING DIAGRAM



WIRING KEY

A-F	PROBE CABLE
G-K	2 CONDUCTOR ALUMINUM SHIELDED CABLE NO. 14 AWG
L-O	5 CONDUCTOR ELECTRICAL CABLE NO. 14 AWG
P-U	7 CONDUCTOR ELECTRICAL CABLE NO. 14 AWG
W,EE	2 CONDUCTOR ELECTRICAL CABLE TYPE T/C NO. 12 AWG
X-Z	STRANDED BARE COPPER GROUND WIRE NO. 6 AWG
AA-BB	2 CONDUCTOR ELECTRICAL CABLE NO. 14 AWG
CC-DD	3 CONDUCTOR ELECTRICAL CABLE NO. 14 AWG
PRO	PROBES
L W	LOOP WIRE
FF	1 CONDUCTOR ELECTRICAL CABLE NO. 4 AWG
P.S.	POWER SOURCE

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1 & 5	R	R	R	R	R	R	R	R	R	R	DW	DW
PHASE 1 & 5 CHANGE TO PHASE 1 & 6 OR TO 2 & 5 OR TO 2 & 6												
PHASE 1 & 6	G	G	G	R	R	R	R	R	R	R	DW	DW
PHASE 1 & 6 CHANGE	G	G	G	R	R	R	R	R	R	R	DW	DW
PHASE 2 & 5	R	R	R	G	G	G	R	R	R	R	DW	DW
PHASE 2 & 5 CHANGE	R	R	R	G	G	G	R	R	R	R	DW	DW
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	DW	DW
PHASE 2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	DW	DW
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G	DW	DW
PHASE 4 & 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	DW	DW
PHASE 4 & 8 ALT.	R	R	R	R	R	R	G	G	G	G	W	W
PED CLEAR	R	R	R	R	R	R	G	G	G	G	FL/DW	FL/DW
PHASE 4 & 8 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	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/DW	FL/DW

APPROVALS	REVISIONS
ORIGINAL ON FILE	
DESIGN SECTION	
ASST. DISTRICT ENGINEER, TRAFFIC	
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
DIRECTOR, TRAFFIC & SAFETY	

JOHNSON, MIRMIRAN & THOMPSON
Engineering A Brighter Future

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

US1 (BELAIR ROAD) & FORGE ROAD
GENERAL INFORMATION

TMS # J-094
LOG MILE: 03000109.45

DRAWN BY: H. KILIAN	F.A.P. NO. SEE TITLE SHEET	TS NO.	SHEET NO.
CHK. BY: H. KILIAN	S.H.A. NO.	1514C	2 OF 2
SCALE: 1" = 20'	COUNTY BALTIMORE		
DATE: 5/18/77			

FILE: m:\belair_2\forg_gen.dgn
DATE: 9-Apr-98 19:51