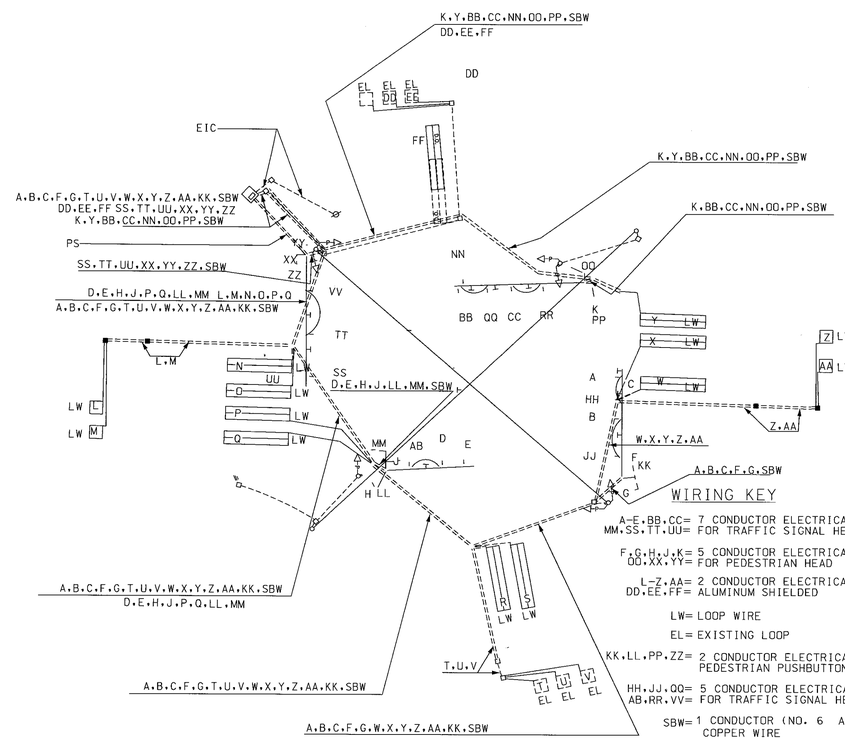
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE BELOW		

PHASING SEQUENCE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	43	44	45	46	47
PHASE 1 & 5	◄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	DW	DW	DW	DW	DW	DW	DW	DW	R ◄Y– ◄G–	◄R– ◄Y– ◄G–	◄R– ◄Y– ◄G–	R Y G	R Y G
PHASE 1 & 5 CHANGES TO 1 & 6, 2 & 5 OR 2 & 6																										
PHASE 1 & 6	◄R–	◄R–	R	R	R	R	R	R	R	◄G–	◄G–	G	G	DW	DW	DW	DW	DW	DW	DW	DW	R	R	◄G–	G	R
PHASE 1 & 6 CHANGE	◄R–	◄R–	R	R	R	R	R	R	R	◄Y–	◄Y–	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW	R	R	◄Y–	Y	R
PHASE 2 & 5	◄R–	◄R–	R	R	R	R	◄G–	G	G	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	R	◄G–	R	R	R
PHASE 2 & 5 CHANGE	◄R–	◄R–	R	R	R	R	◄Y–	Y	Y	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	R	◄Y–	R	R	R
PHASE 2 & 6	◄R–	◄R–	R	R	R	R	R	G	G	R	R	G	G	DW	DW	DW	DW	DW	DW	DW	DW	R	R	R	G	R
PHASE 2 & 6 CHANGE	◄R–	◄R–	R	R	R	R	R	Y	Y	R	R	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW	R	R	R	Y	R
PHASE 2 & 6 ALT	◄R–	◄R–	R	R	R	R	R	G	G	R	R	G	G	DW	DW	DW	DW	WK	WK	WK	WK	R	R	R	G	R
PED CLEAR	◄R–	◄R–	R	R	R	R	R	G	G	R	R	G	G	DW	DW	DW	DW	FL/DW	FL/DW	FL/DW	FL/DW	R	R	R	G	R
PHASE 2 & 6 ALT CHANGE	◄R–	◄R–	R	R	R	R	R	Y	Y	R	R	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW	R	R	R	Y	R
PHASE 3 & 7	◄G–	◄G–	R	R	◄G–	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	◄G–	R	R	R	R
PHASE 3 & 7 CHANGES TO 3 & 8, 4 & 7 OR 4 & 8																										
PHASE 3 & 8	◄G–	◄G–	G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	R	R	R	R	R
PHASE 3 & 8 CHANGE	◄Y–	◄Y–	Y	Y	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	R	R	R	R	R
PHASE 4 & 7	◄R–	◄R–	R	R	◄G–	G	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	◄G–	R	R	R	G
PHASE 4 & 7 CHANGE	◄R–	◄R–	R	R	◄Y–	Y	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	◄Y–	R	R	R	Y
PHASE 4 & 8	◄R–	◄R–	G	G	R	G	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	R	R	R	R	G
PHASE 4 & 8 CHANGE	◄R–	◄R–	Y	Y	R	Y	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	R	R	R	R	Y
PHASE 4 & 8 ALT	◄R–	◄R–	G	G	R	G	R	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW	DW	DW	R	R	R	R	G
PED CLEAR	◄R–	◄R–	G	G	R	G	R	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW	DW	DW	R	R	R	R	G
PHASE 4 & 8 ALT CHANGE	◄R–	◄R–	Y	Y	R	Y	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	R	R	R	R	Y
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	FL/R	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK	FL/Y	FL/R	FL/R	FL/R	FL/Y

R= RED
Y= YELLOW
G= GREEN
◄Y– = YELLOW ARROW
◄G– = GREEN ARROW
FL= FLASHING

WIRING DIAGRAM



WIRING KEY

A–E,BB,CC= 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
MM,SS,TT,UU= FOR TRAFFIC SIGNAL HEAD

F,G,H,J,K= 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
OO,XX,YY= FOR PEDESTRIAN HEAD

L–Z,AA= 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
DD,EE,FF= ALUMINUM SHIELDED

LW= LOOP WIRE

EL= EXISTING LOOP

KK,LL,PP,ZZ= 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
PEDESTRIAN PUSHBUTTON

HH,JJ,QQ= 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
AB,RR,VV= FOR TRAFFIC SIGNAL HEAD – JUMPER CABLE

SBW= 1 CONDUCTOR (NO. 6 AWG) BARE STRANDED COPPER WIRE

EIS= EXISTING INTERCONNECT CABLE

PS= POWER SERVICE CABLE

UTILITY LEGEND

T	TELEPHONE CABLES
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
BC	BURIED CABLE
SD	STORM DRAIN

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

REVISIONS

C	SIGNAL EQUIPMENT MODIFICATION DUE TO GEOMETRIC IMP. PG 2072283	2/99	DXT
B	ASBUILT REPLACE DAMAGED LOOP DETECTORS AND INSTALL TELEMETRY SYSTEM F-125-501-385 CMG-5019(6)E	3/93	RZK

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
GENERAL INFORMATION
MD 201 (KENILWORTH AVE) AT
MD 410 (EAST - WEST HIGHWAY)
DATE __/__/__

DRAWN BY: B. THOMPSON	F.A.P. NO. 000-000-000	PLAN SHEET NO.:	SHEET NO.
CHECK BY: S. RENZI	S.H.A. NO. 000-000-000	1159C	84
SCALE: 1"=20'	COUNTY PRINCE GEORGE'S		