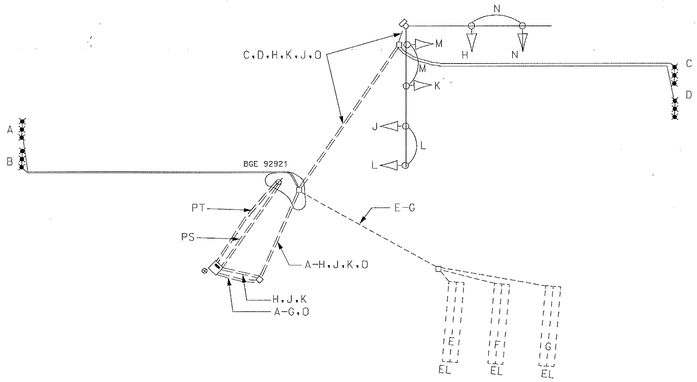
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

WIRING DIAGRAM
US 1 (ALT) AT LANSDOWNE ROAD



WIRING KEY

A-D= MICROLOOP PROBE SET WITH 500 FT. OF LEAD-IN CABLE

E-G= 2 CONDUCTOR ELECTRICAL CABLE(NO. 14 AWG) ALUMINUM SHIELDED

H,J,K= 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) FOR TRAFFIC SIGNAL HEAD

L-N= 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) FOR TRAFFIC SIGNAL HEAD - JUMPER CABLE

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

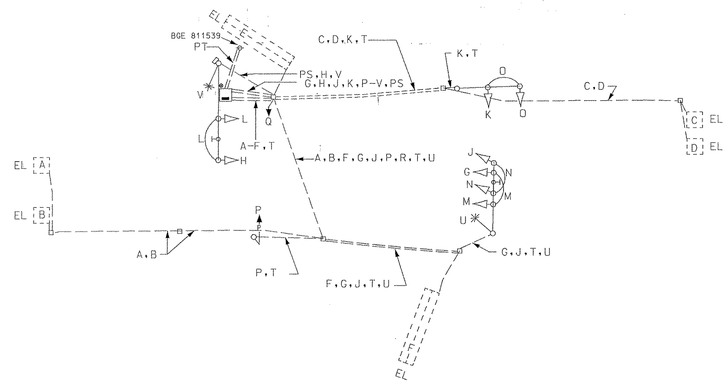
EL= EXISTING LOOP

PT= PROPOSED TELEPHONE DROP

PS= POWER SERVICE

⊗ = INSTALL GROUND ROD

WIRING DIAGRAM
US 1 (ALT) AT RIDGE AVE. / NORTHEAST AVE.



WIRING KEY

A-F= 2 CONDUCTOR ELECTRICAL CABLE(NO. 14 AWG) ALUMINUM SHIELDED

G,H,J,K= 7 CONDUCTOR ELECTRICAL CABLE (NO. 12 AWG) FOR TRAFFIC SIGNAL HEAD

L-O= 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) FOR TRAFFIC SIGNAL HEAD - JUMPER CABLE

P,Q= 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) FOR PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON

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

U,V= 2 CONDUCTOR ELECTRICAL CABLE (NO. 12 AWG) COPPER TYPE T/C

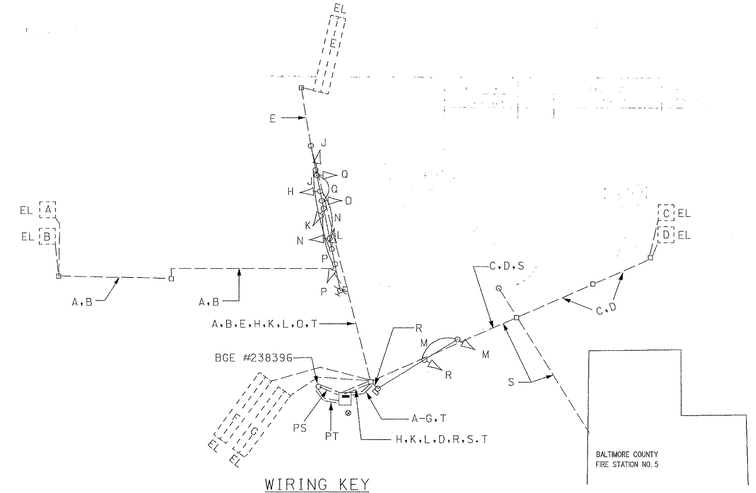
EL= EXISTING LOOP

PS= POWER SERVICE

PT= PROPOSED TELEPHONE DROP

⊗ = INSTALL GROUND ROD

WIRING DIAGRAM
US 1 (ALT) AT HALETHORPE FARMS RD



WIRING KEY

A-G= 2 CONDUCTOR ELECTRICAL CABLE(NO. 14 AWG) ALUMINUM SHIELDED

H,K,L,O= 7 CONDUCTOR ELECTRICAL CABLE (NO. 12 AWG) FOR TRAFFIC SIGNAL HEAD

J,N,P,Q,R= 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) FOR TRAFFIC SIGNAL HEAD - JUMPER CABLE

S= 4 CONDUCTOR CABLE (NO. 14 AWG FOR FIREHOUSE PRE-EMPTION)

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

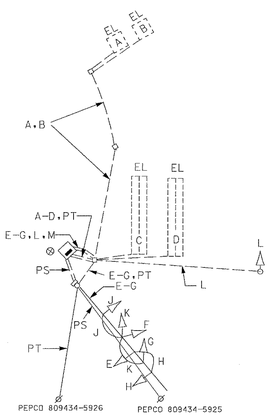
EL= EXISTING LOOP

PS= POWER SERVICE

PT= PROPOSED TELEPHONE DROP

⊗ = INSTALL GROUND ROD

WIRING DIAGRAM
MD 212 (RIGGS RD) AT POWDER MILL RD



WIRING KEY

A-D= 2 CONDUCTOR ELECTRICAL CABLE(NO. 14 AWG) ALUMINUM SHIELDED

E-G= 7 CONDUCTOR ELECTRICAL CABLE (NO. 12 AWG) FOR TRAFFIC SIGNAL HEAD

H,J,K,L= 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) FOR TRAFFIC SIGNAL HEAD - JUMPER CABLE

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

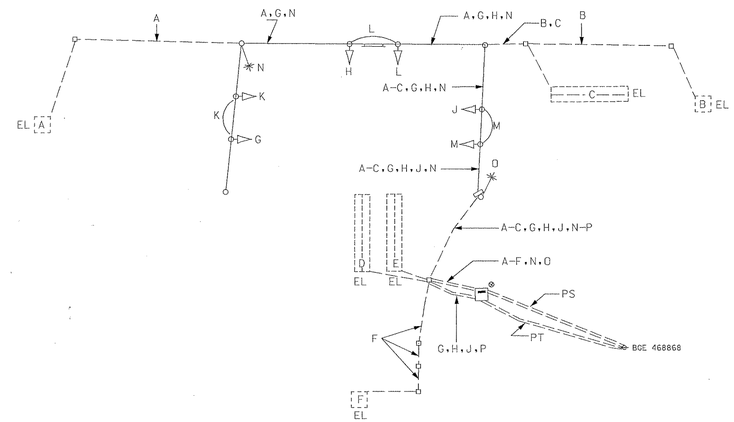
EL= EXISTING LOOP

PS= POWER SERVICE

PT= PROPOSED TELEPHONE

⊗ = INSTALL GROUND ROD

WIRING DIAGRAM
MD 216 (NORTHEAST AVE) AT LEISHEAR RD



WIRING KEY

A-F= 2 CONDUCTOR ELECTRICAL CABLE(NO. 14 AWG) ALUMINUM SHIELDED

G,H,J= 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) FOR TRAFFIC SIGNAL HEAD

K-M= 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) FOR TRAFFIC SIGNAL HEAD - JUMPER CABLE

N-O= 2 CONDUCTOR ELECTRICAL CABLE (NO. 12 AWG) COPPER TYPE T/C

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

PS= POWER SERVICE

EL= EXISTING LOOP

PT= PROPOSED TELEPHONE DROP

⊗ = INSTALL GROUND ROD

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

EBA
EBA ENGINEERING, INC.
5888 METRO DRIVE
BALTIMORE, MARYLAND 21215
(410) 358-7171

DCI
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

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

WIRING DIAGRAM
TASK M

LOGMILE #:

DATE 7 / /98

DRAWN BY: E.B.A
CHECK BY:
SCALE: N.T.S

F.A.P. NO.
S.H.A. NO. AW114A59/B59
COUNTY

PLAN SHEET NO.:

SHEET NO. 8 OF 8