SCALE 1" = 20'

CONSTRUCTION DETAILS

A. INSTALL 21' STEEL POLE WITH 40' MAST ARM, SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN (NOTE: INSTALL 1 - 2", 90 DEGREE PVC. ELBOW).

B. INSTALL 21' STEEL POLE WITH TWIN 20' AND 34' MAST ARMS AND SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN (NOTE: INSTALL 1 - 2", 90 DEGREE GAL. ELBOW).

C. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: INSTALL 1 - 1" PVC, 1 - 2" PVC, 1 - 2" GAL, 2 - 3" PVC, 90 DEGREE ELBOW).

D. INSTALL PEDESTRIAN SIGNALS, PUSHBUTTON AND SIGN ONTO STREET LIGHTING STANDARD.

E. INSTALL 6' X 30' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (2-4-2) QUADRUPOLE TYPE.

F. INSTALL 6' X 15' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-TURNS).

G. INSTALL 6' X 6' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-TURNS).

H. INSTALL HANDBOX.

I. INSTALL 1" GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

J. INSTALL 2" POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

K. INSTALL 2" GALVANIZED STEEL ELECTRICAL CONDUIT (PUSHED).

L. INSTALL 2" GALVANIZED STEEL ELECTRICAL CONDUIT (SLOT TRENCHED).

M. INSTALL 3" POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

N. PROPOSED UNDERGROUND FEED.

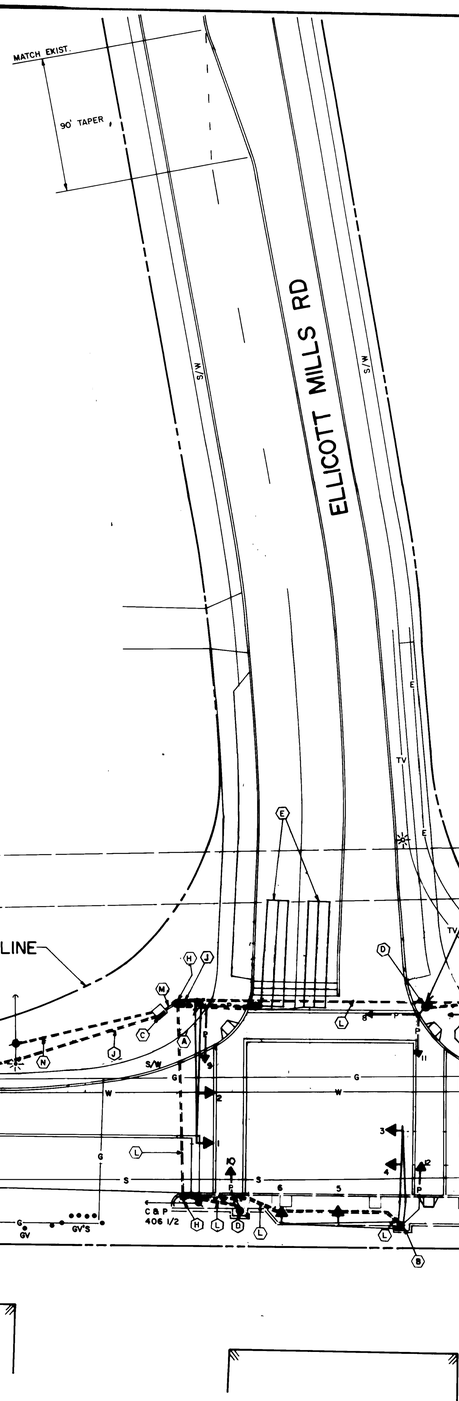
Revision "A" - Construction Details

P - Install 8' painted pedestal pole with 2 pedestrian signals, 2 pushbuttons and pedestrian signs. Note: 1 - 2" Galvanized elbow

Q - Install 2" Galvanized conduit trenched

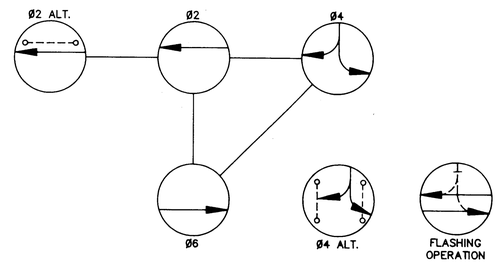
R - Pull existing pushbutton and pedestrian signal wires from previous pole to new pole

NOTE: Installation will require hand digging to avoid underground street light conduit.



PHASE AND SEQUENCE DIAGRAM		SIGNAL HEADS 1–4 (R Y G)	5–6 (R Y G)	7–8 (WK DW)	9–12 (WK DW)
	PHASE 2+6	G	R	D/W	D/W
	2+6 CHANGE	Y	R	D/W	D/W
	PHASE 2+6 ALT.	G	R	FL/WK	D/W
	PED CLEAR	G	R	FL/DW	D/W
	2+6 ALT. CHANGE	Y	R	D/W	D/W
	PHASE 4	R	G	D/W	D/W
	4 CHANGE	R	Y	D/W	D/W
	PHASE 4 ALT.	R	G	D/W	FL/WK
	PED CLEAR	R	G	D/W	FL/DW
	4 ALT. CHANGE	R	Y	D/W	D/W
	FLASH	FL/Y	FL/R	DARK	DARK

NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

WATER CONTRACT NOS.- 915-W, 10-W
SEWER CONTRACT NOS.- 26-S, 31-S

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS — DATE 9/5/96

CHIEF, BUREAU OF ENGINEERING — DATE 9-5-96

9/5/96

DES: TMZ	EGS		AS BUILT	3/7/11
DRN: TMZ	CEW	A	RELOCATE PEDESTRIAN POLE	12/94
CHK: EGS				
DATE:	BY	NO.	REVISION	DATE

T-7060AA

600' SCALE MAP NO. _____ BLOCK NO. _____

TRAFFIC SIGNAL PLAN
MAIN ST. AND ELLICOTT MILLS RD.

SCALE AS SHOWN

SHEET 1 OF 1

AS-BUILT 7/7/11 MAINELLI