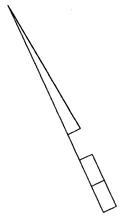
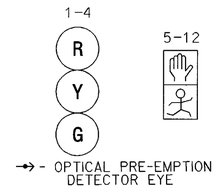
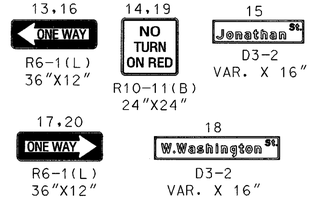
EXISTING SIGNALS



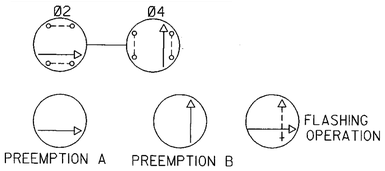
US 40 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION



EXISTING SIGNS



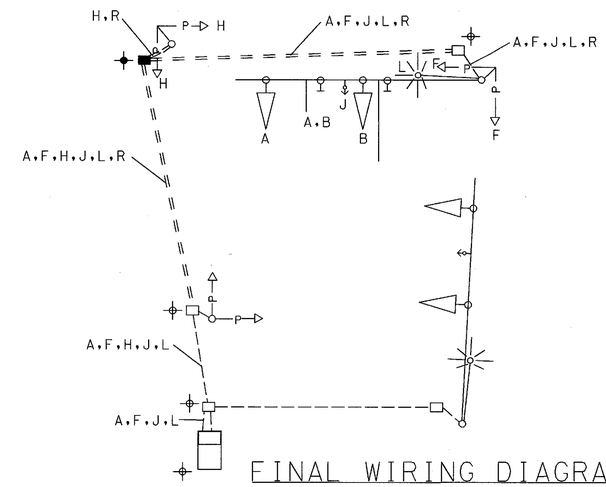
NEMA PHASING



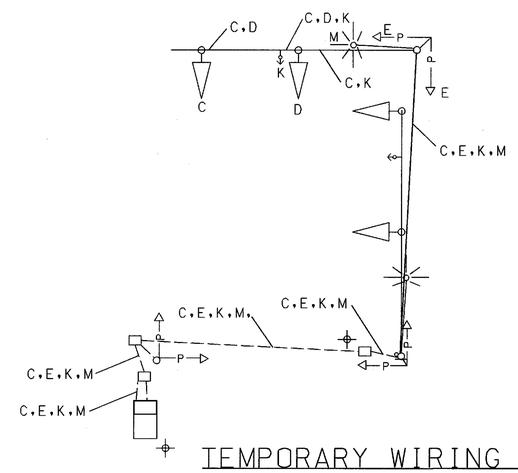
PHASING NOTES:

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

WIRING DIAGRAM



FINAL WIRING DIAGRAM



TEMPORARY WIRING DIAGRAM

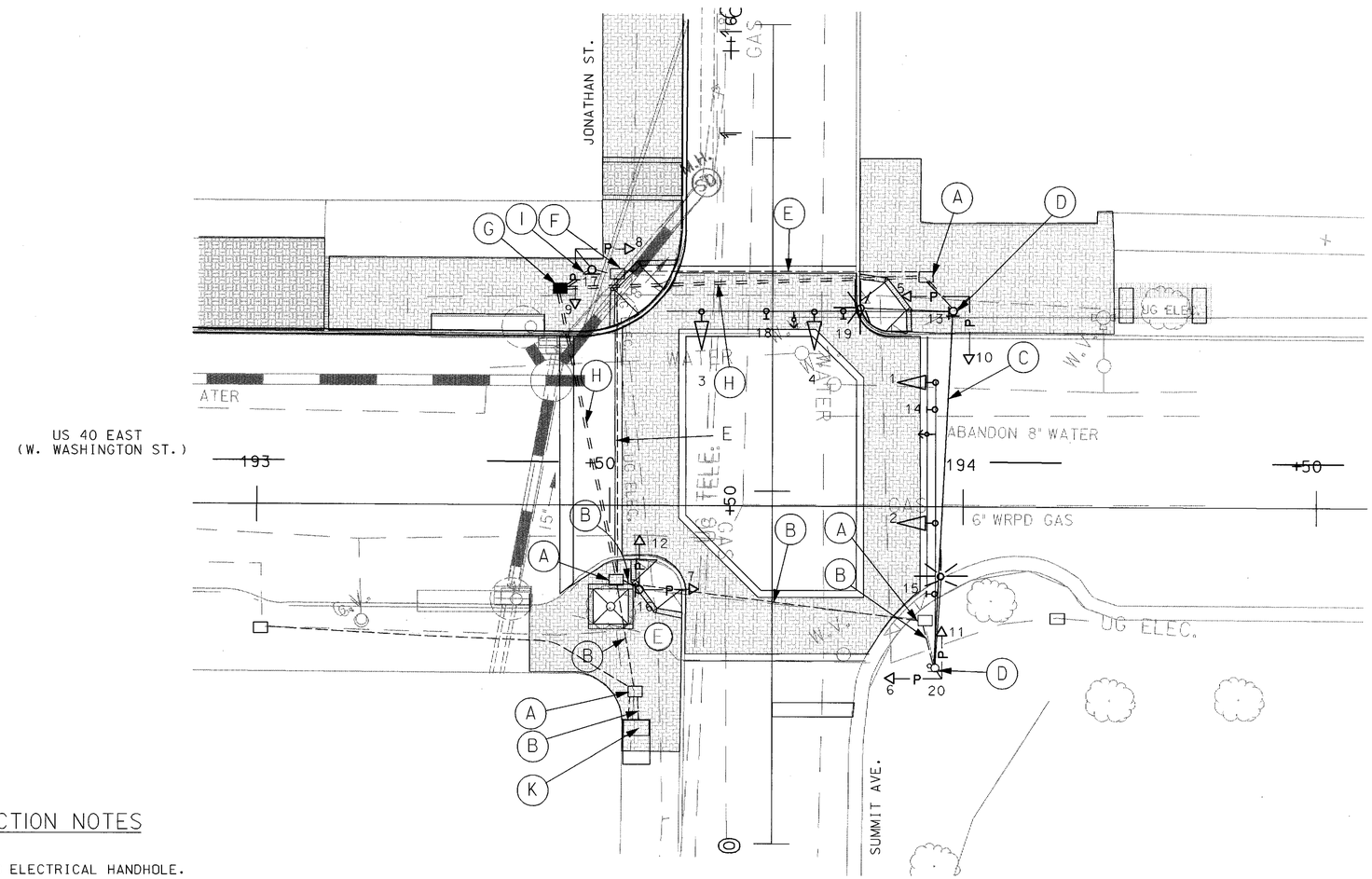
A,C - 7 CONDUCTOR WIRE

B,D,E,F,H - 5 CONDUCTOR CABLE (NO. 14 AWG)

J,K - 3M OPTICOM DETECTOR CABLE MODEL 138

L,M - 2 CONDUCTOR ELECTRICAL CABLE (NO 12 AWG)

R - STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)



CONSTRUCTION NOTES

A. USE EXISTING ELECTRICAL HANDHOLE.

B. USE EXISTING CONDUIT.

C. INSTALL 1/4" SPAN WIRE AND INSTALL TEMPORARY CABLES ON IT, REMOVE 1/4" SPAN WIRE AND TEMPORARY WIRING.

D. USE EXISTING POLE, INSTALL 3 IN. WEATHER HEAD.

E. CAP AND ABANDON EXISTING CONDUIT.

F. REMOVE EXISTING HANDHOLE.

G. INSTALL HANDHOLE.

H. INSTALL 4" PVC (SCHEDULE 80) ELECTRICAL CONDUIT (SLOTTED).

I. INSTALL 2" PVC (SCHEDULE 80) ELECTRICAL CONDUIT (TRENCHED).

K. USE EXISTING BASE MOUNTED CABINET.

NOTE:

THE PEDESTRIAN SIGNAL AT THE NORTHWEST CORNER WILL NOT BE OPERATIONAL DURING TEMPORARY SIGNAL STAGE.

DCI
DANIEL CONSULTANTS INC.
COLUMBIA, MARYLAND

REVISIONS	APPROVALS
A MODIFY SIGNAL DUE TO ROAD RECONSTRUCTION SHA# WA105A21 DCI 08/01	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 40 East (West Washington St.)
at Summitt Ave./ Jonathan St.

DRAWN BY:	M.GESELL	F.A.P. NO.	STPG-218-1(7)G	TS NO.	SHEET NO.
CHECKED BY:		S.H.A. NO.	WA953-A51	36WJ-A	33 OF 79
SCALE:	1"=10'	COUNTY:	WASHINGTON	T.I.M.S. NO.	
DATE:	05/30/97	LOG MILE:	21E04035.76		

H:/PROJECTS/TRANSP/0011901-WRATCD#1/SIGNALS/Z999GP01.DGN