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

EXISTING SIGNALS

1,2,3,4,6 — R, Y, G

5 — R, Y, G, ◁G

→ – OPTICAL PRE-EMPTION DETECTOR EYE

EXISTING SIGNS

7 — ONLY — R3-5(I) 30"x36"

8 — N. Walnut St. / S. Walnut St. — D3-2 VAR. X 32"

9,13 — NO TURN ON RED

15 — R3-1 24" x 24"

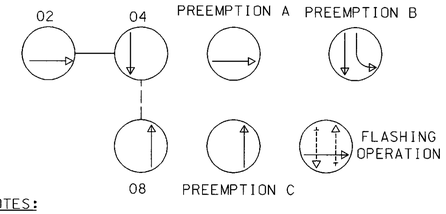
10 — ONE WAY — R6-1(R) 36" x 12"

11 — R3-2 24" x 24"

12,14 — W.Franklin St. — D3-2 VAR. X 16"

16 — ONE WAY — R6-1(L) 36"X12"

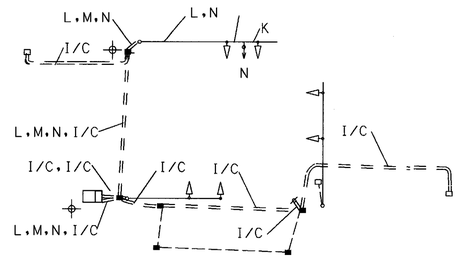
NEMA PHASING



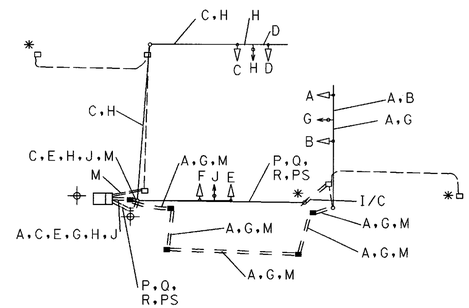
PHASING NOTES:

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

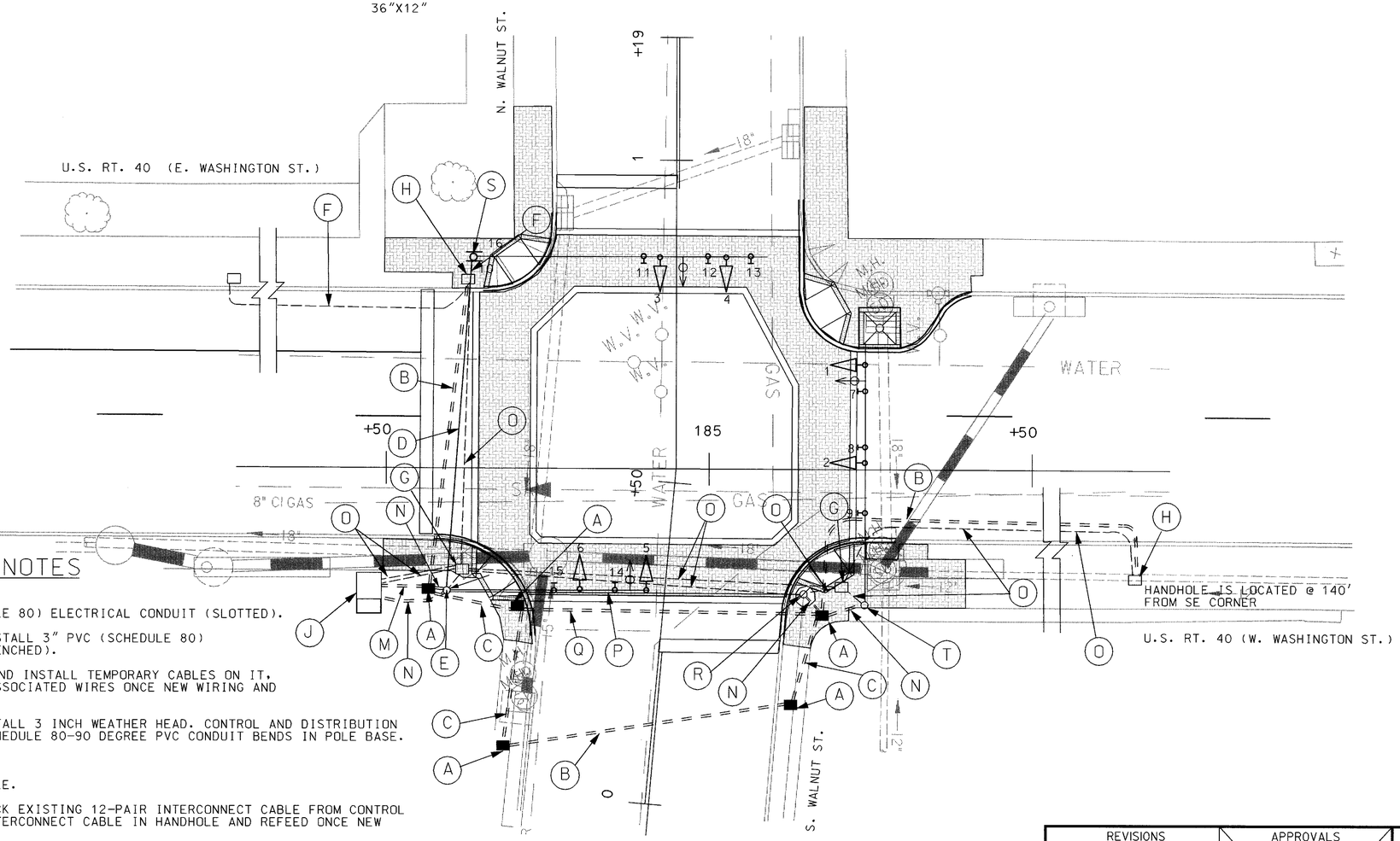
WIRING DIAGRAM



FINAL WIRING DIAGRAM



TEMPORARY WIRING DIAGRAM



WIRING LEGEND

A,C,E,L – 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

B,D,F,K – 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

G,H,J,N – 3M OPTICOM DETECTOR CABLE, MODEL 138

P-R – 1 CONDUCTOR CABLE (NO.4 AWG)

M – STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)

I/C – INTERCONNECT CABLE

✱ – INTERCONNECT TEMPORARILY PULLED BACK AND COILED UP

PS – PROPOSED ELECTRICAL SERVICE.

CONSTRUCTION NOTES

A. INSTALL HANDHOLE.

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

C. REMOVE SIDEWALK AND INSTALL 3" PVC (SCHEDULE 80) ELECTRICAL CONDUIT (TRENCHED).

D. INSTALL 1/4" SPAN WIRE AND INSTALL TEMPORARY CABLES ON IT. REMOVE SPAN WIRE AND ASSOCIATED WIRES ONCE NEW WIRING AND CONDUIT IS INSTALLED.

E. USE EXISTING POLE. INSTALL 3 INCH WEATHER HEAD. CONTROL AND DISTRIBUTION EQUIPMENT AND 2-21N SCHEDULE 80-90 DEGREE PVC CONDUIT BENDS IN POLE BASE.

F. USE EXISTING CONDUIT.

G. REMOVE EXISTING HANDHOLE.

H. DISCONNECT AND PULL BACK EXISTING 12-PAIR INTERCONNECT CABLE FROM CONTROL CABLE CABINET. COIL INTERCONNECT CABLE IN HANDHOLE AND REFEED ONCE NEW CONDUIT IS INSTALLED.

J. USE EXISTING BASE MOUNTED CABINET AND EXISTING SPARE 4" AND 2" PVC CONDUIT BENDS FOR NEW 4" AND 2" CONDUIT.

M. REMOVE SIDEWALK AND INSTALL 4" PVC (SCHEDULE 80) ELECTRICAL CONDUIT (TRENCHED).

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

O. ABANDON EXISTING CONDUIT.

P. PROPOSED OVERHEAD ELECTRICAL SERVICE (SEE WIRING DIAGRAMS).

Q. INSTALL 2" PVC (SCHEDULE 80) ELECTICAL CONDUIT (SLOTTED).

R. DISCONNECT AND PULL BACK EXISTING 12- PAIR INTERCONNECT CABLE FROM CONTROL CABINET GOING TO WEST ANTIETUM AND WALNUT. COIL INTERCONNECT CABLE ON UTIITY POLE AND REFEED ONCE NEW CONDUIT IS INSTALLED.

S. USE EXISTING CONDUIT. INSTALL 3 INCH WEATHERHEAD.

T. INSTALL 2" SCHEDULE 80-90 DEGREE PVC CONDUIT BEND IN POLE BASE.

GENERAL NOTES

1. SEE SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.
2. CONTRACTOR TO INSTALL CONDUIT PRIOR TO INSTALLATION OF BRICK PAVERS

DCI
DANIEL CONSULTANTS INC.
COLUMBIA, MARYLAND

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
1 MODIFIED SIGNALS FOR ROAD CONSTRUCTION SHA#WA105821 DCI 08/01	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 North/South Walnut 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	3688.A	35 OF 79
SCALE:	1"=10'	COUNTY:	WASHINGTON	T.I.M.S. NO.	
DATE:	05/30/97	LOG MILE:	21E04035.76		

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