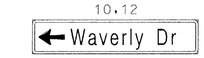
U.S. 40 AND WAVERLY DRIVE

SITE 7

U.S. 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

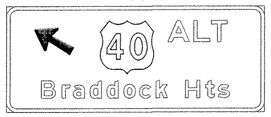
EXISTING SIGNS

10.12



D-3(1) (DUAL FACED)
(VARIABLE x 16")

14



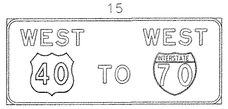
11

R3-8(7)
(36" X 60")

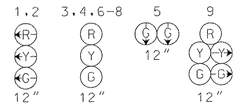
13

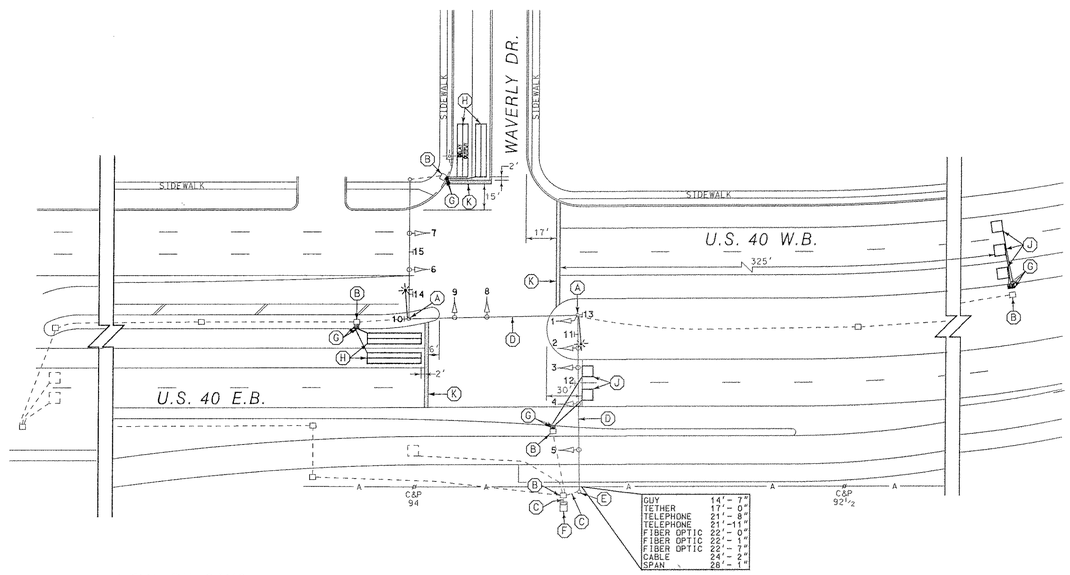
R3-4
(30" X 30")

15

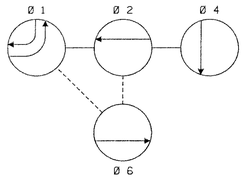


EXISTING SIGNALS





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.

CONSTRUCTION DETAILS

A. USE EXISTING STRAIN POLE AND INSTALL 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINIARE.
B. USE EXISTING HANDHOLE.
C. USE EXISTING CONDUIT.
D. USE EXISTING SPAN WIRE.
E. USE EXISTING STRAIN POLE.
F. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
G. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
H. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
J. INSTALL 6 FT. X 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
K. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (STOP LINE).

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

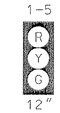
U.S. 40 AND U.S. 15 OFF-RAMP

SITE 8

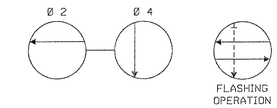
U.S. 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNALS

1-5



NEMA PHASING

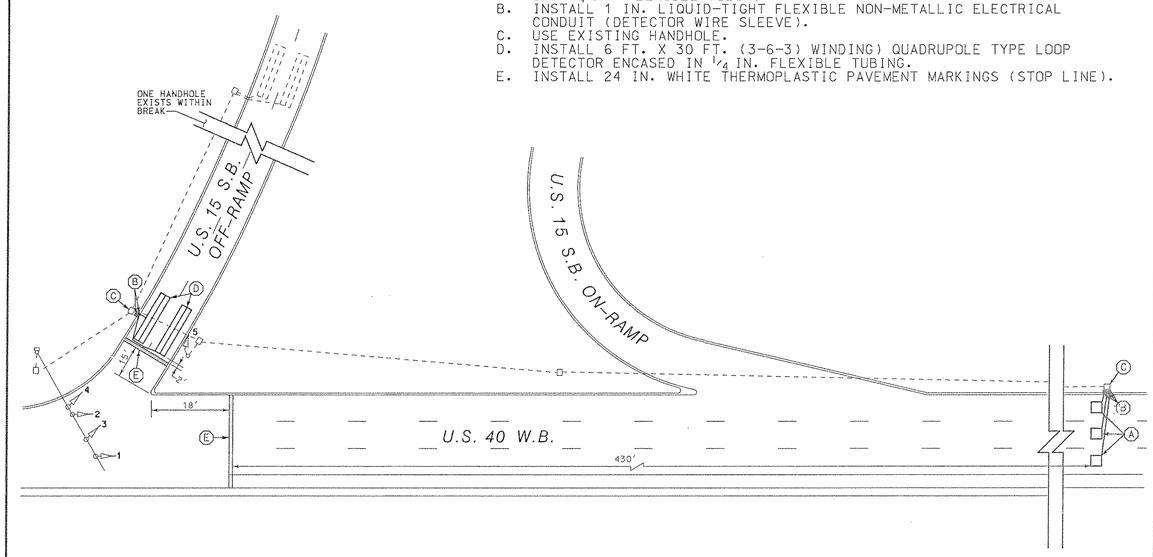


PHASING NOTES:

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

CONSTRUCTION DETAILS

A. INSTALL 6 FT. X 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
B. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
C. USE EXISTING HANDHOLE.
D. INSTALL 6 FT. X 30 FT. (3-6-3) WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
E. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS (STOP LINE).



GENERAL NOTES

1. SPLICE EXISTING 2-CONDUCTOR (ALUMINUM SHIELDED) NO. 14 A.W.G. ELECTRICAL CABLES TO NEW LOOP WIRES USING SPLICE KITS.

WR&A
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2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	APPROVALS
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION 9/17/99
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 9-17-99
	DIRECTOR, TRAFFIC & SAFETY 9/17/99

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
U.S. 40 FROM WAVERLY DRIVE TO THE EAST OF U.S. 15

DRAWN BY:	S.BLOSS	F.A.P. NO.		TS NO. TS-3937X3	SHEET NO.
CHECKED BY:	N.LEARY	S.H.A. NO.	FR3315171		
SCALE:	NONE	COUNTY:	FREDERICK	T.I.M.S. NO. T459	5 OF 7
DATE:	9-10-99	LOG MILE:			

M:\96011\31268T04.DGN