MD 424 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

9.10

Underwood RD

D3-2 (DUAL FACED) (VARIABLE x 16")

PROPOSED SIGNS

11.12

ONLY

R3-5R (30" x 36")

EXISTING SIGNALS

1-4

R Y G

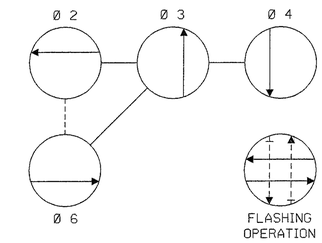
12"

PROPOSED SIGNALS

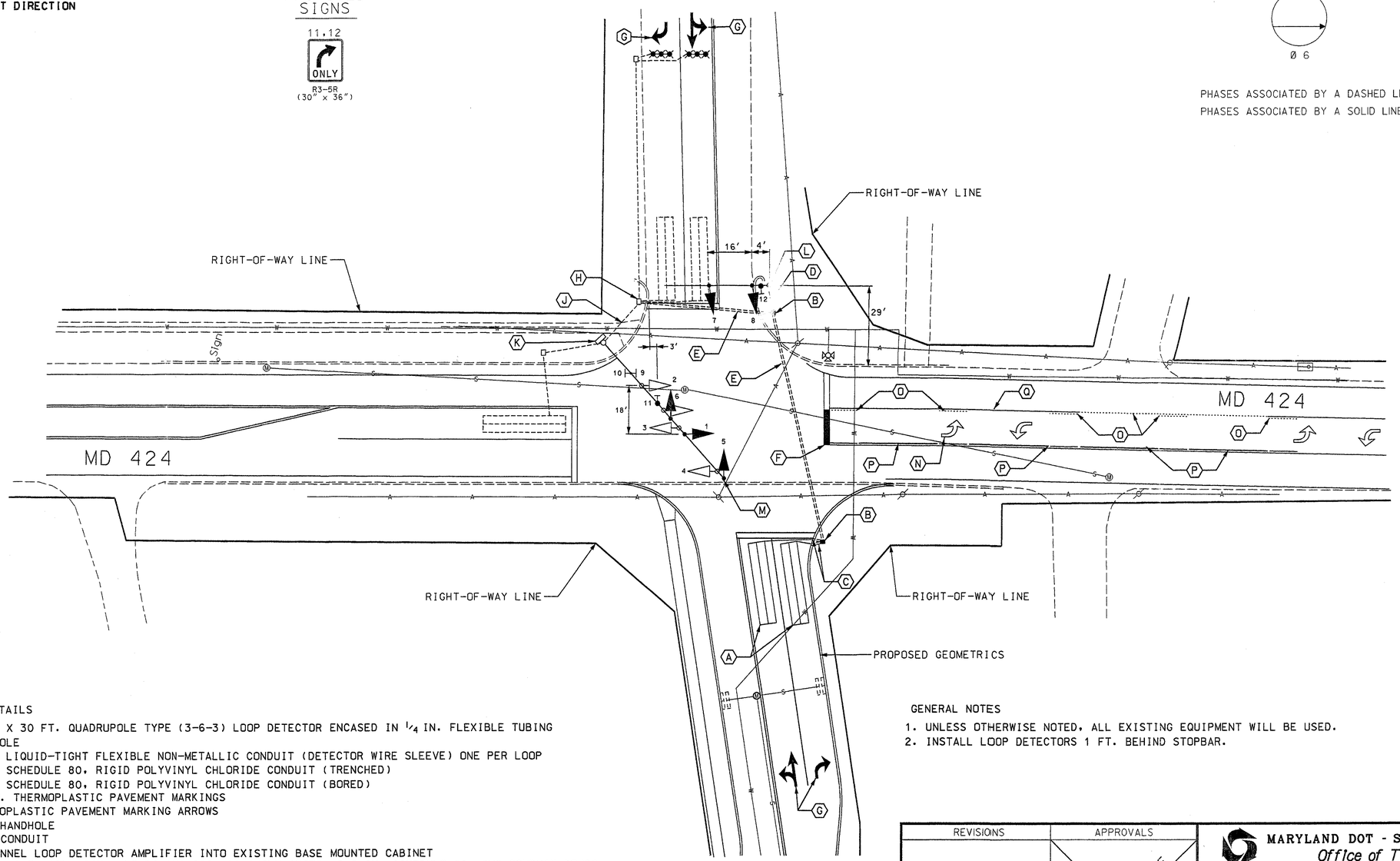
6.8: R Y G 12"

5.7: R Y G GA 12"

NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING
B. INSTALL HANDHOLE
C. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE) ONE PER LOOP
D. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE CONDUIT (TRENCHED)
E. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE CONDUIT (BORED)
F. INSTALL 24 IN. THERMOPLASTIC PAVEMENT MARKINGS
G. INSTALL THERMOPLASTIC PAVEMENT MARKING ARROWS
H. USE EXISTING HANDHOLE
J. USE EXISTING CONDUIT
K. INSTALL 4-CHANNEL LOOP DETECTOR AMPLIFIER INTO EXISTING BASE MOUNTED CABINET
L. INSTALL STEEL POLE WITH SIGNAL HEADS AND SIGN AS SHOWN (NOTE: 2-2 IN. SCHEDULE 80, PVC CONDUIT BENDS) CUT POLE TO 21 FT. HEIGHT AND MAST ARM TO 24 FT. LENGTH
M. REMOVE EXISTING SIGNAL HEADS AND INSTALL NEW SIGNAL HEADS (NO. 5+6). RELOCATE SIGNAL NO. 1
N. REMOVE EXISTING PAVEMENT MARKING ARROW
O. REMOVE EXISTING PAVEMENT MARKING LINE
P. INSTALL 5 IN. SOLID YELLOW THERMOPLASTIC PAVEMENT MARKING LINE
Q. INSTALL 5 IN. SOLID WHITE THERMOPLASTIC PAVEMENT MARKING LINE OVER EXISTING YELLOW LINE

GENERAL NOTES

1. UNLESS OTHERWISE NOTED, ALL EXISTING EQUIPMENT WILL BE USED.
2. INSTALL LOOP DETECTORS 1 FT. BEHIND STOPBAR.

REVISIONS		APPROVALS
		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
©	ADDED FOURTH LEG TO INTERSECTION 6-22-00	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
TMZ		
B	ASBUILT	
SHA NO. BW983MB2	2-16-98	DIRECTOR, TRAFFIC & SAFETY
FJH		

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 424 AND UNDERWOOD ROAD/

DRAWN BY:	J. ALLEN	F.A.P. NO.		TS NO. TS-3470C	SHEET NO.
CHECKED BY:	S. RENZI	S.H.A. NO.	AW-793- -585		
SCALE:	1" = 20'	COUNTY:	ANNE ARUNDEL	T.I.M.S. NO.	1 OF 2
DATE:	OCTOBER, 1994	LOG MILE:	02042406.04		

c:\esha\underwood.dgn Jun 22, 2000 09:35:47