MD 152 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

CONSTRUCTION DETAILS

A. INSTALL HANDHOLE.
B. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
C. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
D. INSTALL MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN.
E. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
F. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
G. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
H. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
J. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. INSTALL 1-3 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN EXISTING BASE.
K. USE EXISTING HANDHOLE.
L. USE EXISTING CONDUIT.
M. CAP AND ABANDON EXISTING CONDUIT.
N. ABANDON EXISTING MICROLOOP PROBE SET.
O. REMOVE EXISTING HANDHOLE.
P. REMOVE EXISTING AND INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
Q. USE EXISTING HANDHOLE. SPLICE NEW 2-CONDUCTOR (NO. 14 A.W.G.) ALUMINUM SHIELDED ELECTRICAL CABLE TO EXISTING LOOP WIRES (NO. 14 A.W.G.).
R. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
S. ABANDON EXISTING LOOP DETECTOR.

EXISTING SIGNS

9,10 — Trimble RD — D-3(1) (DUAL FACED) (VARIABLE x 16")

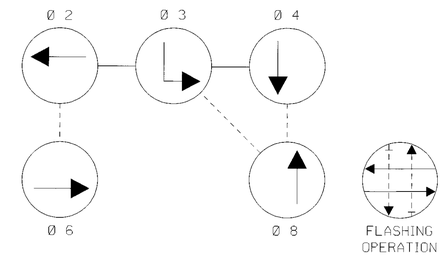
11 — LEFT TURN YIELD ON GREEN — R10-12 (36" x 42")

EXISTING SIGNALS HEADS

1-4,6-8: R, Y, G — 12"

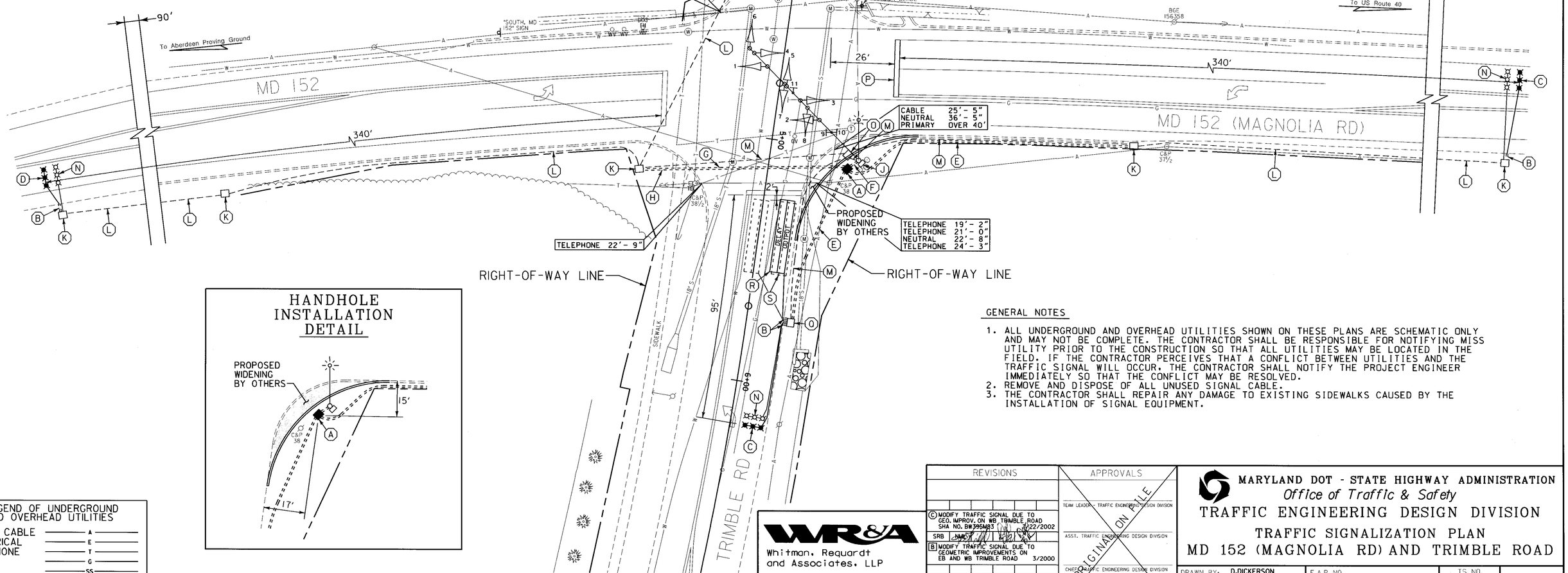
5: R, Y, Y, G, G — 12"

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.



HANDHOLE INSTALLATION DETAIL

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
3. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

REVISIONS	
C MODIFY TRAFFIC SIGNAL DUE TO GEO. IMPROV. ON WB TRIMBLE ROAD SHA NO. BW395M83	6/22/2002
B MODIFY TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS ON EB AND WB TRIMBLE ROAD	3/2000
A UPGRADE I.C.B. TO FULL TRAFFIC SIGNAL	7/8/96

SRB — DMP — DCI

APPROVALS: TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION; ASST. 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

TRAFFIC SIGNALIZATION PLAN
MD 152 (MAGNOLIA RD) AND TRIMBLE ROAD

DRAWN BY:	D.DICKERSON	F.A.P. NO.	N/A	TS NO.	2639 C
CHECKED BY:		S.H.A. NO.	BW395M83		SHEET NO.
SCALE:	1" = 20'	COUNTY:	HARFORD	T.I.M.S. NO.	F375
DATE:	5/90	LOG MILE:	120\520.98		1 OF 2

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