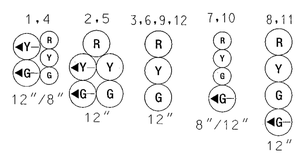
MD 175 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNAL HEADS



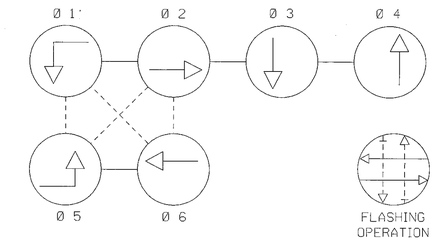
EXISTING SIGNS

PROPOSED VIDEO DETECTION CAMERA

a,b,c,d

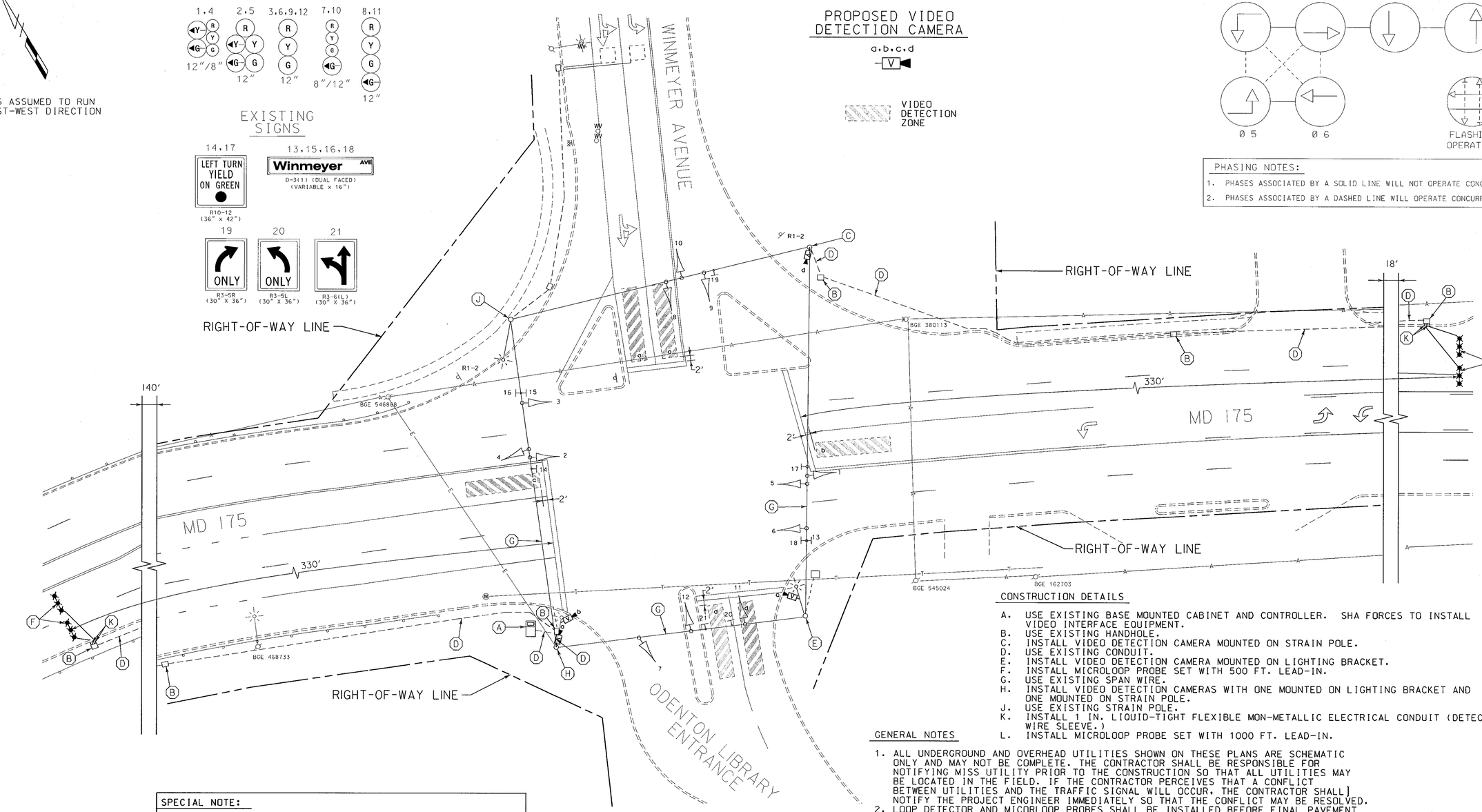
VIDEO DETECTION ZONE

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 BASE MOUNTED CABINET AND CONTROLLER. SHA FORCES TO INSTALL VIDEO INTERFACE EQUIPMENT.
B. USE EXISTING HANDHOLE.
C. INSTALL VIDEO DETECTION CAMERA MOUNTED ON STRAIN POLE.
D. USE EXISTING CONDUIT.
E. INSTALL VIDEO DETECTION CAMERA MOUNTED ON LIGHTING BRACKET.
F. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
G. USE EXISTING SPAN WIRE.
H. INSTALL VIDEO DETECTION CAMERAS WITH ONE MOUNTED ON LIGHTING BRACKET AND ONE MOUNTED ON STRAIN POLE.
J. USE EXISTING STRAIN POLE.
K. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE MON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE.)
L. INSTALL MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN.

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. LOOP DETECTOR AND MICORLOOP PROBES SHALL BE INSTALLED BEFORE FINAL PAVEMENT SURFACE IS INSTALLED.

SPECIAL NOTE:

REMOVE AND DISPOSE ALL UNUSED 2-CONDUCTOR (ALUMINUM SHIELDED) ELECTRICAL CABLES NO. 14 A.W.G. USED FOR LOOP DETECTOR LEAD-IN FROM EXISTING CONDUIT, HANDHOLES, SPAN WIRE, ETC.

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

B	INSTALL VIDEO DETECTION CAMERAS CONT. NO. AA3635977	1/21/05	
NML			
A	SIGNAL MODIFICATION DUE TO ADDITION OF FORTH LEG CONT. NO. BW996M82	4/5/02	
MH	TZ		

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN
MD 175 @ WINMEYER AVENUE

DRAWN BY:	FAL	F.A.P. NO.	
CHECKED BY:	D. DODA	S.H.A. NO.	
SCALE:	1" = 20'	COUNTY:	ANNE ARUNDEL
DATE:	9/18/90	LOG MILE:	0202.7503.49

TS NO. 1639 B
T.I.M.S. NO. 6946
SHEET NO. ___ OF ___

TSP-1

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