NOTE: MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EQUIPMENT LIST

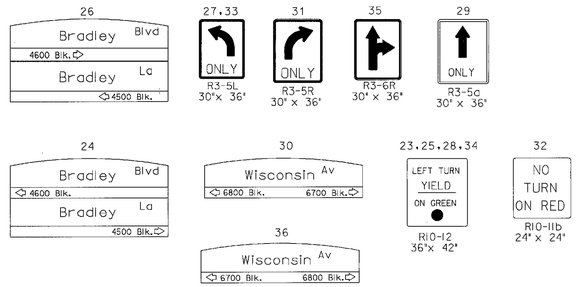
A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	DESCRIPTION	QUANTITY
9086	VIDEO DETECTION INTERFACE EQUIPMENT (To be installed by signal shop)	1 EA

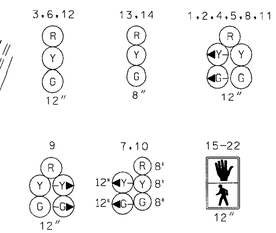
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	MAINTENCE OF TRAFFIC	1 EA
8020	VIDEO DETECTION CAMERA.	4 EA
8021	PRE MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE	2 EA
8022	PRE MANUFACTURED CAMERA TO CONTROLLER (500' LENGTH) CABLE	2 EA

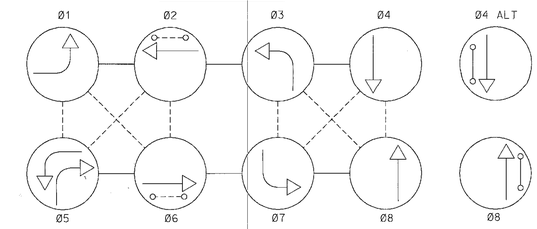
EXISTING SIGNS



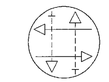
EXISTING SIGNALS



NEMA PHASING



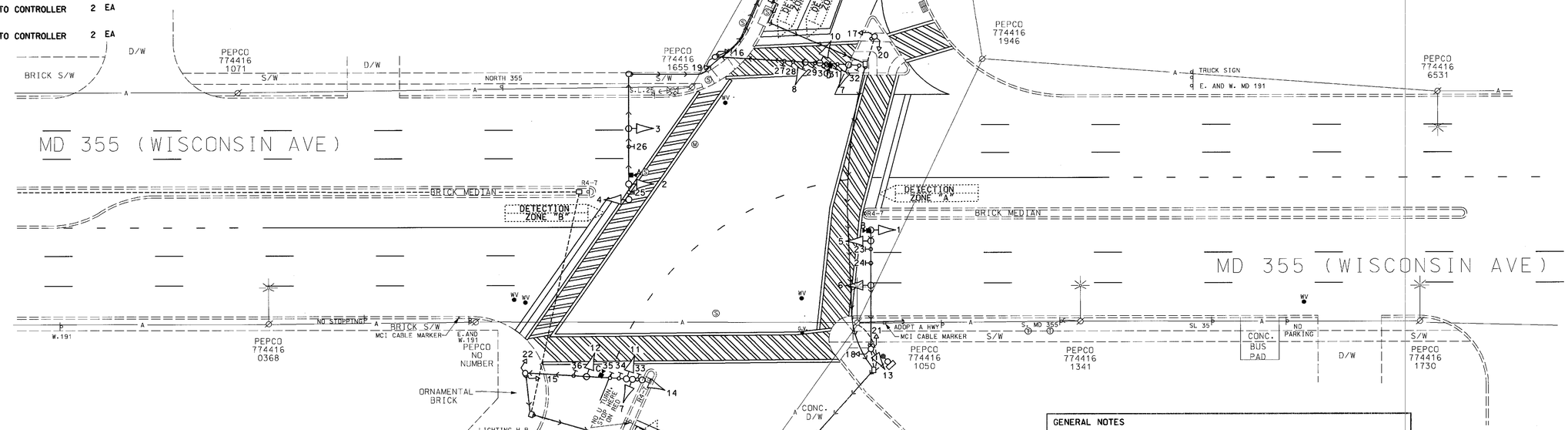
PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



FLASHING OPERATION

PROPOSED CAMERAS

▶■ - VIDEO DETECTION CAMERA (A-D)



GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE MONTGOMERY COUNTY ENGINEER.
2. THE CONTRACTOR SHALL CONTACT MONTGOMERY COUNTY TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT MONTGOMERY COUNTY FORCES CAN MAKE THE FINAL CONNECTIONS.
4. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
6. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

VIDEO CAMERA LEGEND

= VIDEO CABLE (PATH TO CONTROLLER)

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5300
Fax (410) 590-5637

4686E586.dgn

REVISIONS	APPROVALS
D REPLACE LOOP DETECTION WITH VIDEO CAMERAS SHA NO: MO7175185	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
C INSTALL E/P PHASING ON MD 355	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
B 12-10-02 ADD CROSSWALK AND PEDS ACROSS SOUTH LEG OF MD 355 SHA NO.: AT2885185	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
RRZ	
A 10-97 INSTALL E/P PHASING ON MD 191 SHA NO.:	DIRECTOR, TRAFFIC & SAFETY
NML	

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
MD 355 (WISCONSIN AVE) AND MD 191 (BRADLEY BLVD)

SHA#: MO7175185 TOD#: MO717-071

DRAWN BY:		F.A.P. NO.	AC-STPG-000S(588)	TS NO. 18570	SHEET NO. 5 OF 5
CHECKED BY:	T. ZAYDEL	S.H.A. NO.	AW-277-5185		
SCALE:	1" = 20'	COUNTY:	Montgomery	T.I.M.S. NO. 0586	
DATE:	3-10-82	LOG MILE:	15019109.11		