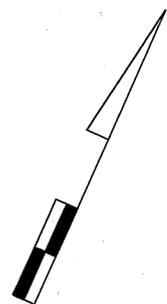


BORDER REV. DATE: June 11, 2004

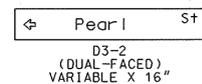
DRILL HOLES

DRILL HOLES

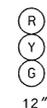
DRILL HOLES



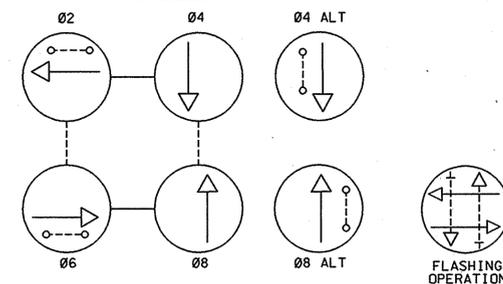
EXISTING SIGNS



EXISTING SIGNALS



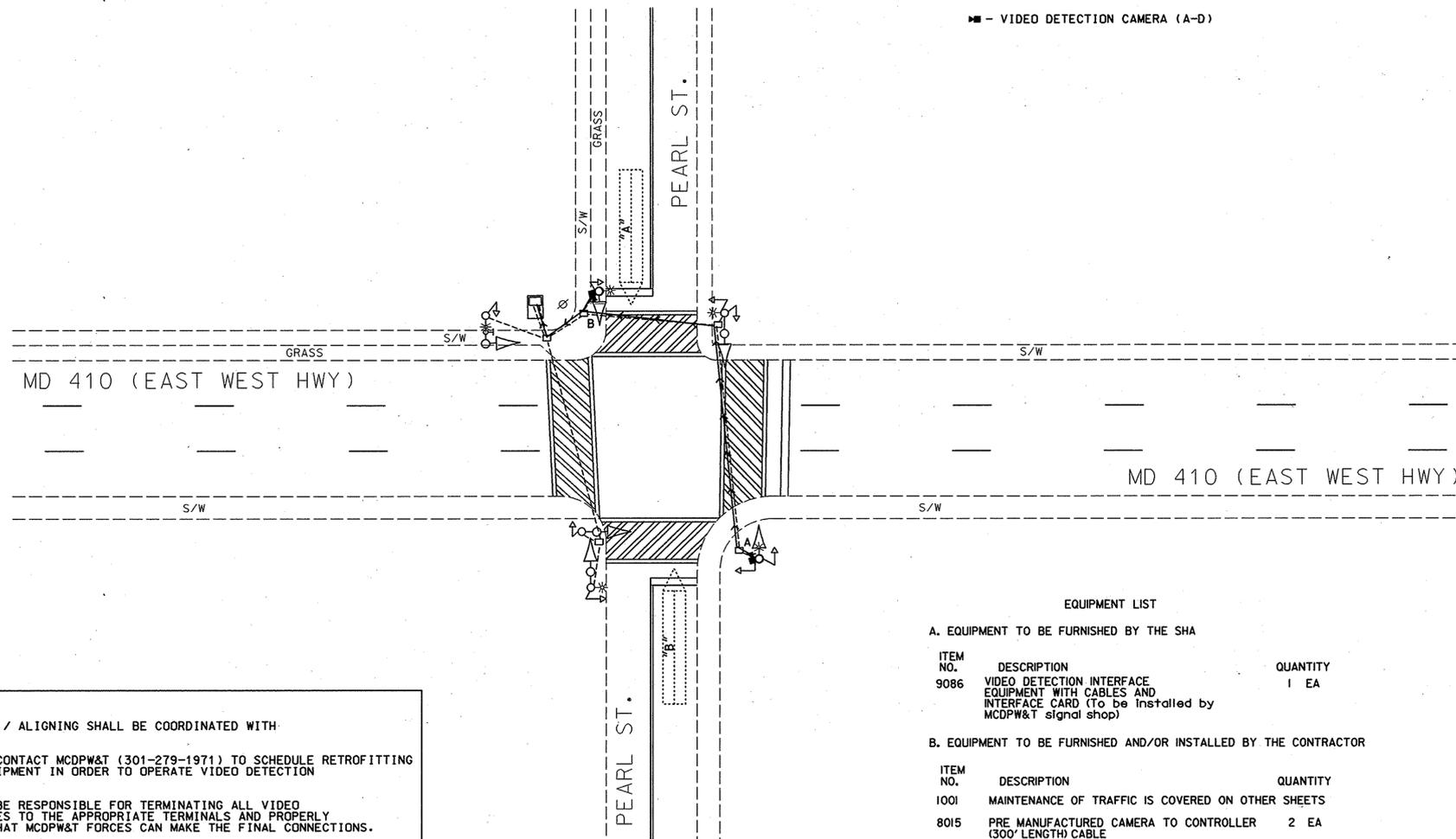
NEMA PHASING



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

PROPOSED CAMERAS

▣ - VIDEO DETECTION CAMERA (A-D)



- GENERAL NOTES**
1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE MCDPW&T ENGINEER.
 2. THE CONTRACTOR SHALL CONTACT MCDPW&T (301-279-1971) 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 MCDPW&T 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.

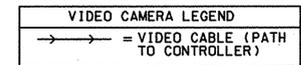
EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	DESCRIPTION	QUANTITY
9086	VIDEO DETECTION INTERFACE EQUIPMENT WITH CABLES AND INTERFACE CARD (To be installed by MCDPW&T signal shop)	1 EA

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

ITEM NO.	DESCRIPTION	QUANTITY
1001	MAINTENANCE OF TRAFFIC IS COVERED ON OTHER SHEETS	
8015	PRE MANUFACTURED CAMERA TO CONTROLLER (300' LENGTH) CABLE	2 EA
8071	VIDEO DETECTION CAMERA	2 EA



SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

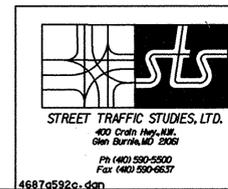
MD 410 (EAST WEST HWY) AT PEARL ST.

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—



APPROVALS

TEAM LEADER _____
ASST. DIV. CHIEF _____
DIVISION CHIEF _____
OFFICE DIRECTOR _____

ORIGINAL ON FILE

REVISIONS

NO.	DESCRIPTION	TMS NO.
1	6/2005 REPLACE LOOP DETECTION WITH VIDEO CAMERAS	6592

SCALE 1" = 20' DATE _____ CONTRACT NO. _____

DESIGNED BY SHA COUNTY MONTGOMERY
DRAWN BY SHA LOGMILE 15W41000.17
CHECKED BY SHA TMS NO. 6592
F.A.P. NO. _____ TOD NO. _____

TS NO. 4415A DRAWING NO. OF SHEET NO. 3 OF 3

PLOTTED: #DATETIME#
FILE: #FILE#

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