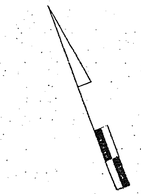
DRILL HOLES

DRILL HOLES

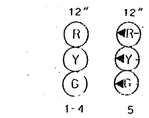
DRILL HOLES

BORDER REV: DATE: June 1, 2004

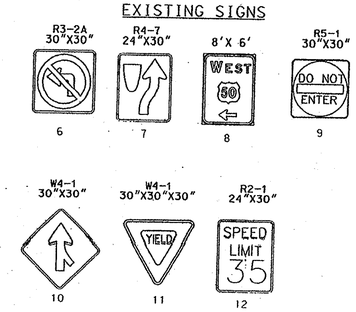


MD 70 is assumed to run in a East/West direction

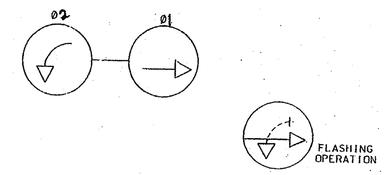
## EXISTING SIGNALS




## EXISTING SIGNS




## NEMA PHASING

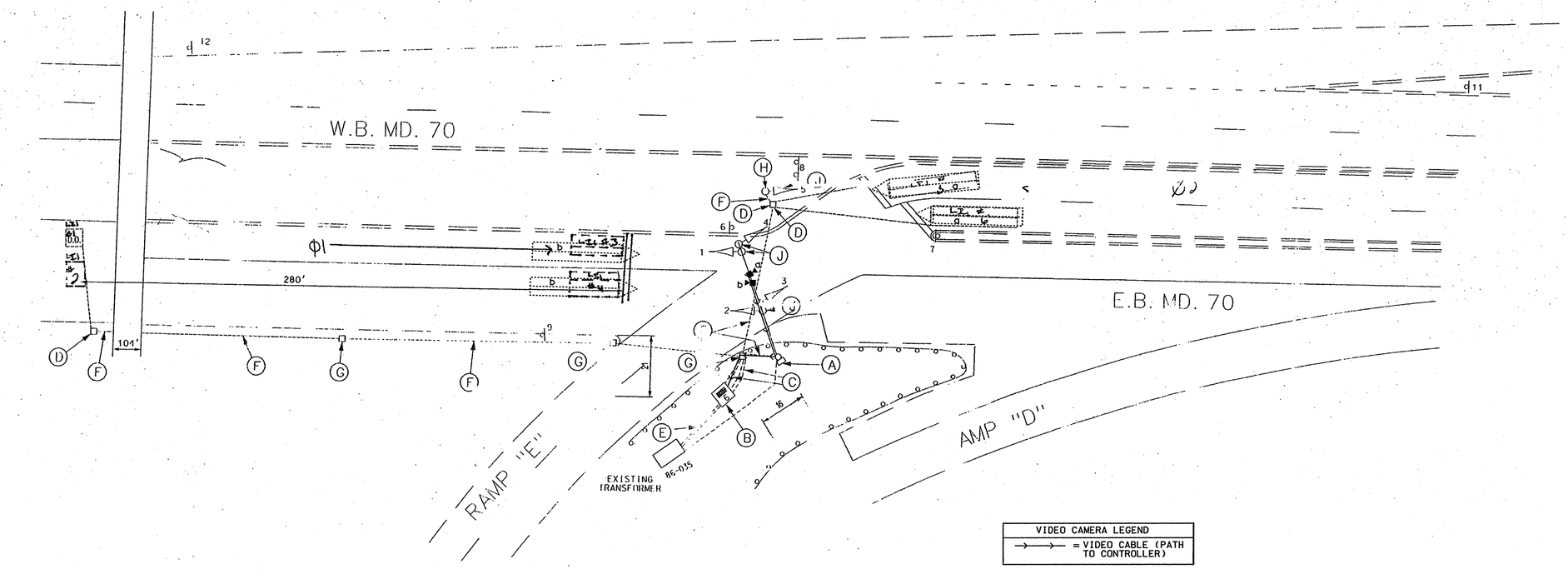



**PHASING NOTES:**

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE SHALL OPERATE CONCURRENTLY.

## PROPOSED CAMERAS

▸■ – VIDEO DETECTION CAMERA (a-b)




**VIDEO CAMERA LEGEND**

→ → = VIDEO CABLE (PATH TO CONTROLLER)

**TOD No: AT724-05**
SHA No: AA426A52/B52
Anne Arundel County

### 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 SHA signal shop) | 1 EA |

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

| ITEM NO. | DESCRIPTION | QUANTITY |
|---|---|---|
| 1001 | MAINTENANCE OF TRAFFIC PER ASSIGNMENT | 1 EA |
| 8004 | * – REMOVE & DISPOSE FOR THIS INTERSECTION HAS ALREADY BEEN COVERED ON OTHER SHEET | |
| 8026 | VIDEO DETECTION CAMERA. | 2 EA |
| 8027 | PRE MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE | 2 EA |

### GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA 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 SHA 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.

**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— |

REVISION "B"

STREET TRAFFIC STUDIES, LTD.®
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6537

5061H780B.DGN D6-79

| APPROVALS | |
|---|---|
| TEAM LEADER | ORIGINAL ON FILE |
| ASST. DIV. | |
| DIVISION CHIEF | |
| OFFICE DIRECTOR | |

| REVISIONS | |
|---|---|
| B 3/2006 | TMS NO.H780 REPLACE LOOP DETECTION WITH VIDEO CAMERAS SHA NO.AT724SIB5 JWA |
| A | REPLACE CONTROLLER AND CABINET ADD PHONE DROP BRK |

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

SHA

# MD 70 AND US 50 RAMP

SCALE 1"=20' DATE 7/98 CONTRACT NO.

DESIGNED BY
DRAWN BY E. SIMMONS
CHECKED BY E. SIMMONS
F.A.P. NO.

COUNTY ANNE ARUNDEL
LOGMILE 02007001.77
TIMS NO. H780
TOD NO.

TS NO. 2343B | DRAWING NO. 2 OF 2 | SHEET NO. OF

...\5061H780\5061H780\5061H780.dgn Mar 15, 2006 08:34:02