DRILL HOLES

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BORDER REV: DATE: June 1, 2004

PROPOSED CAMERAS

▶■ – VIDEO DETECTION CAMERA (a–e)

PROPOSED SIGNS

ARUNDEL MILLS BOULEVARD IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

9,10,12 — R3-5L ONLY 30" x 36"

13 — R3-6 30" x 36"

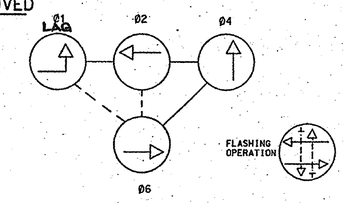
11 — Arundel Mills BLVD — D3-2 (72" X 16")

EXISTING SIGNING TO BE REMOVED

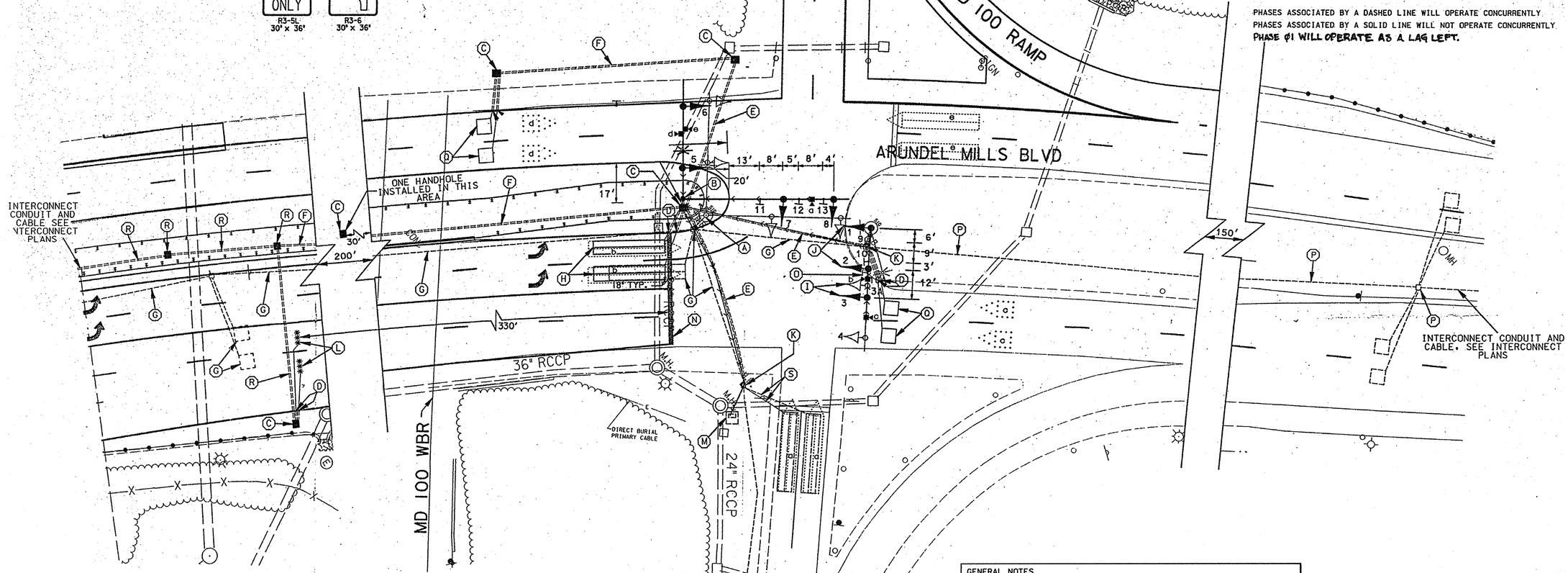
10A — LEFT TURN YIELD ON GREEN

EXISTING SIGNAL HEAD	PROPOSED SIGNAL HEADS		EXISTING SIGNAL HEAD TO BE REMOVED
4	1,2	3,5,6,7,8	3A
R Y G 12"	R Y G 12"	R Y G 12"	R Y Y G G 12"

NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
PHASE Ø1 WILL OPERATE AS A LAG LEFT.



EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	DESCRIPTION	QUANTITY
9086	VIDEO DETECTION INTERFACE EQUIPMENT WITH CABLES FOR 5-8 CAMERAS 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 AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT	1 EA
8026	VIDEO DETECTION CAMERA.	5 EA
8027	PRE MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE	2 EA
8028	PRE MANUFACTURED CAMERA TO CONTROLLER (500' LENGTH) CABLE	3 EA

VIDEO CAMERA LEGEND

→→ = VIDEO CABLE (PATH TO CONTROLLER)

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) 590-6500
Fax (410) 590-6537

5061H779A.DGN 06-79

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

REVISIONS
B 3/2006 TIMS NO.H779
REPLACE LOOP DETECTION WITH VIDEO CAMERAS SHA NO.AT7245185
JWA
A 5/2000
RECONSTRUCT FOR NEW GEOMETRICS

PLOTTED: $DATETIME$
FILE: $FILE$

TOD No: AT724-06
SHA No: AA426A53/B53
Anne Arundel County

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 713 (RELOCATED) AND MD 100 RAMPS

SCALE 1"= 20' DATE 8/25/92 CONTRACT NO.

DESIGNED BY
DRAWN BY C.Jednorski
CHECKED BY JWH
F.A.P. NO.
COUNTY ANNE ARUNDEL
LOGMILE
TIMS NO. H779
TOD NO.

TS NO. 3228B | DRAWING NO: 1 OF 2 | SHEET NO. OF

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