DRILL HOLES

BORGER REV. DATE: June 1, 2004

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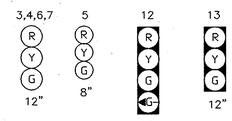
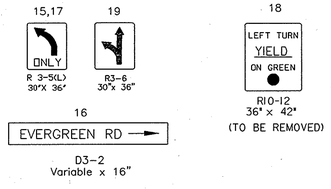
CONSTRUCTION DETAILS

A. Install handhole.
B. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
C. Install non-invasive detector with 1000' lead-in cable.
D. Use existing handhole.
E. Use existing conduit.
F. Use existing cabinet and controller. (Note: SHA Forces shall install video interface equipment into the cabinet).
G. Remove existing overhead sign.

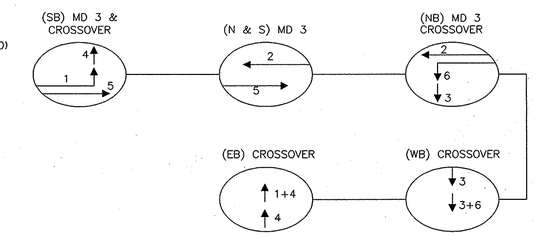
EXISTING SIGNALS

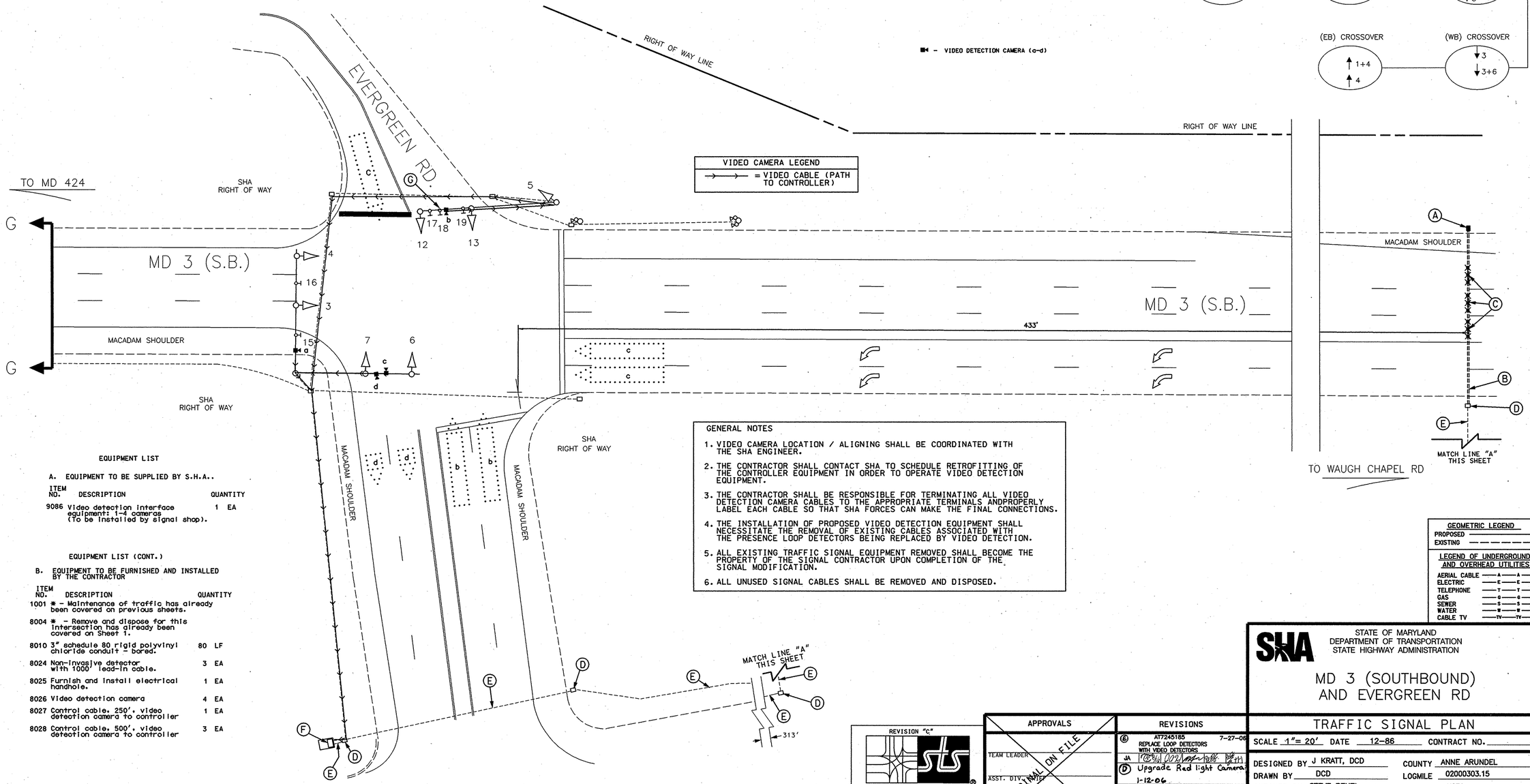


EXISTING SIGNS



INTERSECTION PHASING





EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A..

ITEM NO.	DESCRIPTION	QUANTITY
9086	Video detection interface equipment: 1-4 cameras (To be installed by signal shop).	1 EA

EQUIPMENT LIST (CONT.)

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	* - Maintenance of traffic has already been covered on previous sheets.	
8004	* - Remove and dispose for this intersection has already been covered on Sheet 1.	
8010	3" schedule 80 rigid polyvinyl chloride conduit - bored.	80 LF
8024	Non-invasive detector with 1000' lead-in cable.	3 EA
8025	Furnish and install electrical handhole.	1 EA
8026	Video detection camera	4 EA
8027	Control cable, 250', video detection camera to controller	1 EA
8028	Control cable, 500', video detection camera to controller	3 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 ANDPROPERLY 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 "C"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

5174C.dgn

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

REVISIONS
(E) A17245185 7-27-06 REPLACE LOOP DETECTORS WITH VIDEO DETECTORS
JA
(D) Upgrade Red light Cameras 1-12-06
MAR
(C) AS BUILT 6-01-2002
SRB RRZ

PLOTTED: $DATETIME$
FILE: $FILE$

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 3 (SOUTHBOUND) AND EVERGREEN RD

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 12-86 CONTRACT NO.

DESIGNED BY J KRATT, DCD
DRAWN BY DCD
CHECKED BY STEVE RENZI
F.A.P. NO.

COUNTY ANNE ARUNDEL
LOGMILE 02000303.15
TIMS NO. H872
TOD NO.

TS NO. 215E | DRAWING NO. 3 OF 4 | SHEET NO. OF

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