DRILL HOLES

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BORDER REV: DATE: June 1, 2004

MD 213 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

9,13,17,21 — NO TURN ON RED — R10-11B (24" x 24")

10 — EAST MARYLAND 304 — M3-2 (12" x 24") M1-5 (30"x24") M6-1 (21"x15")

12,19 — R3-2 (30" X 30")

16 — R3-1 (30" X 30")

20 — DO NOT ENTER — R5-1 (30" X 30")

11,14 — Water Street — D-3(1) (DUAL FACED) (VARIABLE x 16")

15,18 — Commerce — D-3(1) (DUAL FACED) (VARIABLE x 16")

EXISTING SIGNAL HEADS

1-6: R Y G 12"

7,8: R Y G 8"

EXISTING OPTICOM DETECTOR EYE

21-23

PROPOSED CAMERAS

▶■ - VIDEO DETECTION CAMERA (a-c)

NEMA PHASING

Ø 2 Ø 4 Ø 8

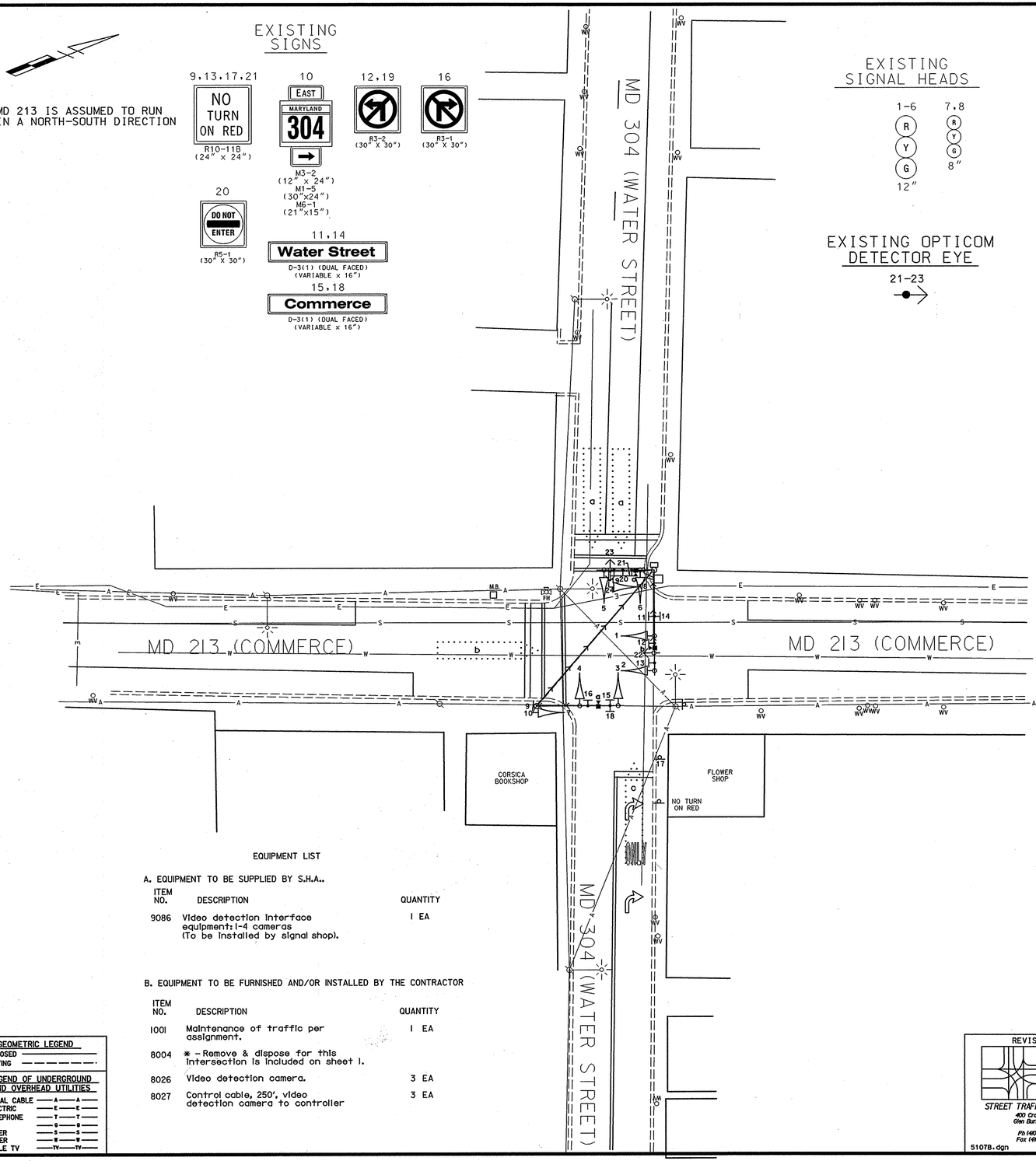
OR

EMERGENCY PRE-EMPTION

FLASHING OPERATION

PHASING NOTES:

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



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.

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

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 is included on sheet 1.	
8026	Video detection camera.	3 EA
8027	Control cable, 250', video detection camera to controller	3 EA

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 —

TOD No: AT725-02
SHA No: QA338A52/B52
Queen Anne's County

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

TRAFFIC SIGNALIZATION PLAN

MD 213 (COMMERCE ST.) NORTH AND MD 304 (WATER ST.) (CENTREVILLE, MD)

REVISION "D"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-8526 BUILT
Fax (410) 590-0537

5107B.dgn

APPROVALS — ORIGINAL ON FILE

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

D 4/12/06 INSTALL VIDEO DETECTION SHA: AT7255185 TIMS #834 — JA DOH MAR/DAS BRK
C 3/03 INSTALL EMERGENCY OPTICOM PRE-EMPTION - ALL LEGS TIMS #612 — BRD JAH MAR/DAS BRK
B 12/94 INSTALL SIDE STREET LOOP DETECTOR — W.M.

PLOTTED: $DATETIME$
FILE: $FILE$

SCALE 1"= 20' DATE 2-9-77 CONTRACT NO. 0560-501-285

DESIGNED BY B. THOMPSON COUNTY QUEEN ANNES
DRAWN BY A. BUDNICHUK LOGMILE 17021307.61
CHECKED BY TIMS NO. H834
F.A.P. NO. TOD NO.

TS NO. 1495D | DRAWING NO. 2 OF 3 | SHEET NO. OF

..\5000 31510\7C1070.dgn Apr. 12, 2006 12:14:20