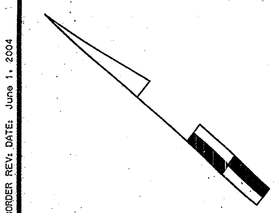


US 113 (BUS.) IS ASSUMED TO RUN IN NORTH-SOUTH DIRECTION

VIDEO CAMERA LEGEND
= VIDEO CABLE (PATH TO CONTROLLER)

PROPOSED CAMERAS

■◄ - VIDEO DETECTION CAMERA (a-b)

EXISTING SIGNALS

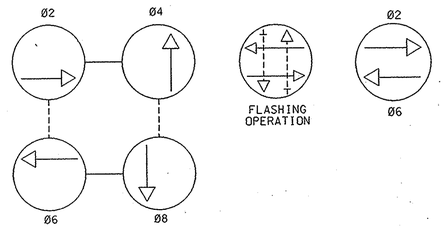
1-8

R Y G

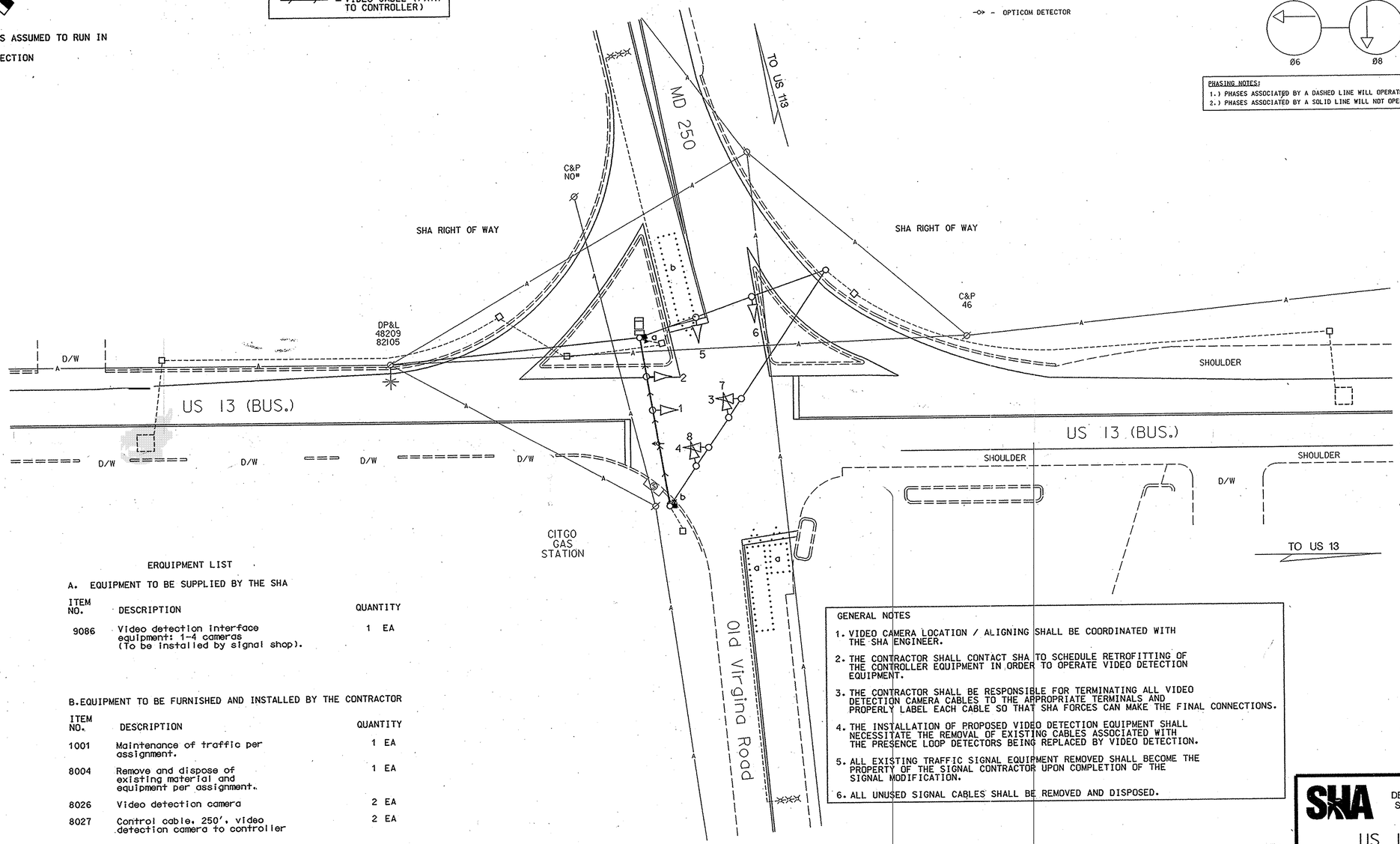
8"

-o> - OPTICOM DETECTOR

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



ERQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

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 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	2 EA
8027	Control cable, 250', video detection camera to controller	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 "D"

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

5200.DGN T-64

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

ORIGINAL ON FILE

REVISIONS	
D REPLACE LOOP DETECTOR WITH VIDEO DETECTION	9/11/06 SHA No: ATT255185
JWA	
C SHA#: ATT825185 INSTALL OPTICOM SB US 113 (BUS) & REPLACE CABINET	8-15-05
JWA	
B ASBUILT	4-12-97
SHA NO. 859-23066 / 855-23034	
RRZ	

PLOTTED: $DATETIME$
FILE: $FILE$

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 13 (BUS) @ MD 250/
OLD VIRGINA ROAD

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 7-27-76 CONTRACT NO. WO 533-501-185

DESIGNED BY BRUCE THOMPSON
DRAWN BY BRUCE THOMPSON
CHECKED BY A. BUDNICHUK
F.A.P. NO.
COUNTY WORCESTER
LOGMILE 23B11300.50
TIMS NO. 1093
TOD NO.

TS NO. 1441D | DRAWING NO. 1 OF 1 | SHEET NO. OF

BORDER REV: DATE: June 1, 2004

DRILL HOLES

DRILL HOLES