F H WA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.		1	1

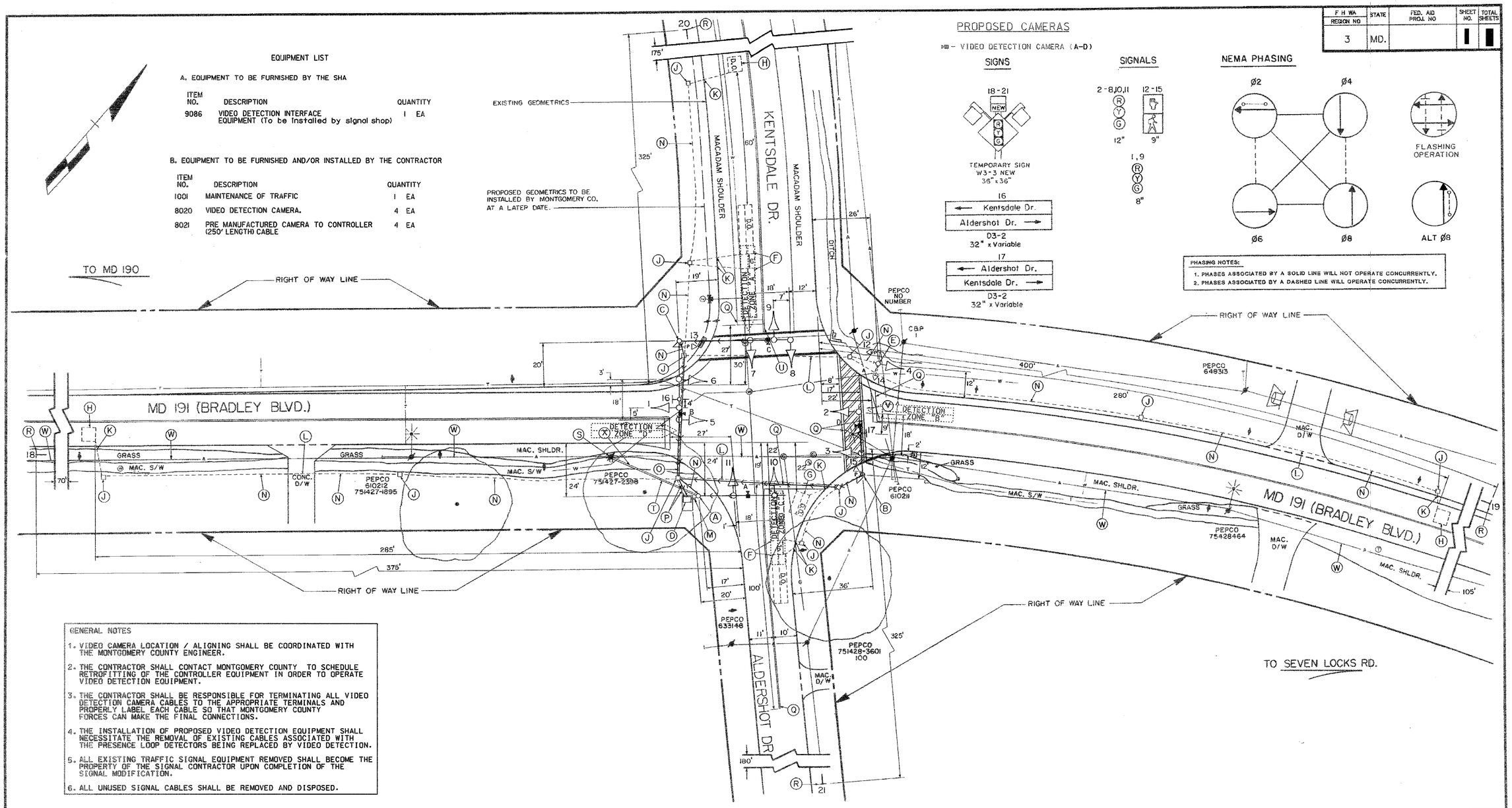
EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	DESCRIPTION	QUANTITY
9086	VIDEO DETECTION INTERFACE EQUIPMENT (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	1 EA
8020	VIDEO DETECTION CAMERA.	4 EA
8021	PRE MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE	4 EA



GENERAL NOTES

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

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A — A — A — A
ELECTRIC — E — E — E — E
TELEPHONE — T — T — T — T
GAS — G — G — G — G
SEWER — S — S — S — S
WATER — W — W — W — W
CABLE TV — TV — TV — TV — TV

VIDEO CAMERA LEGEND

→ → = VIDEO CABLE (PATH TO CONTROLLER)

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

4687C586.DGN

REVISIONS
1/2005 REPLACE LOOP DETECTION WITH VIDEO CAMERAS SHA NO.M0717A58

APPROVALS
CHIEF, SIGNAL DESIGN SECTION 5/23/89
ASST. DISTRICT ENGINEER, TRAFFIC 5/26/89
CHIEF, BUREAU OF TRAFFIC ENGINEERING 5/24/89
DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC 5/25/89

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION – OFFICE OF TRAFFIC
BUREAU OF TRAFFIC ENGINEERING

TIMS#: C586

DRAWN BY D A NIES (FOR STS)
DES. BY: R R ZACHERL (FOR STS)
CHK. BY: 5/24/89 5/24/89
DATE: 3-3-89
SCALE: 1"=20'

MD 191 (BRADLEY BLVD.) AND KENTSDALE DR.

SIGNAL NO. 15019103-41
COUNTY: MONTGOMERY
F.A.P. NO.
S.H.A. NO. M-666-459-385
TS/FILE NO. 2565A
SHEET NO. 4 OF 5

SHA#: M0717A58/B68 TOD#: M0717-07