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

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
8020	VIDEO DETECTION CAMERA.	3 EA
8021	PRE MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE	3 EA
1001	MOT	1 EA

SIGNALS

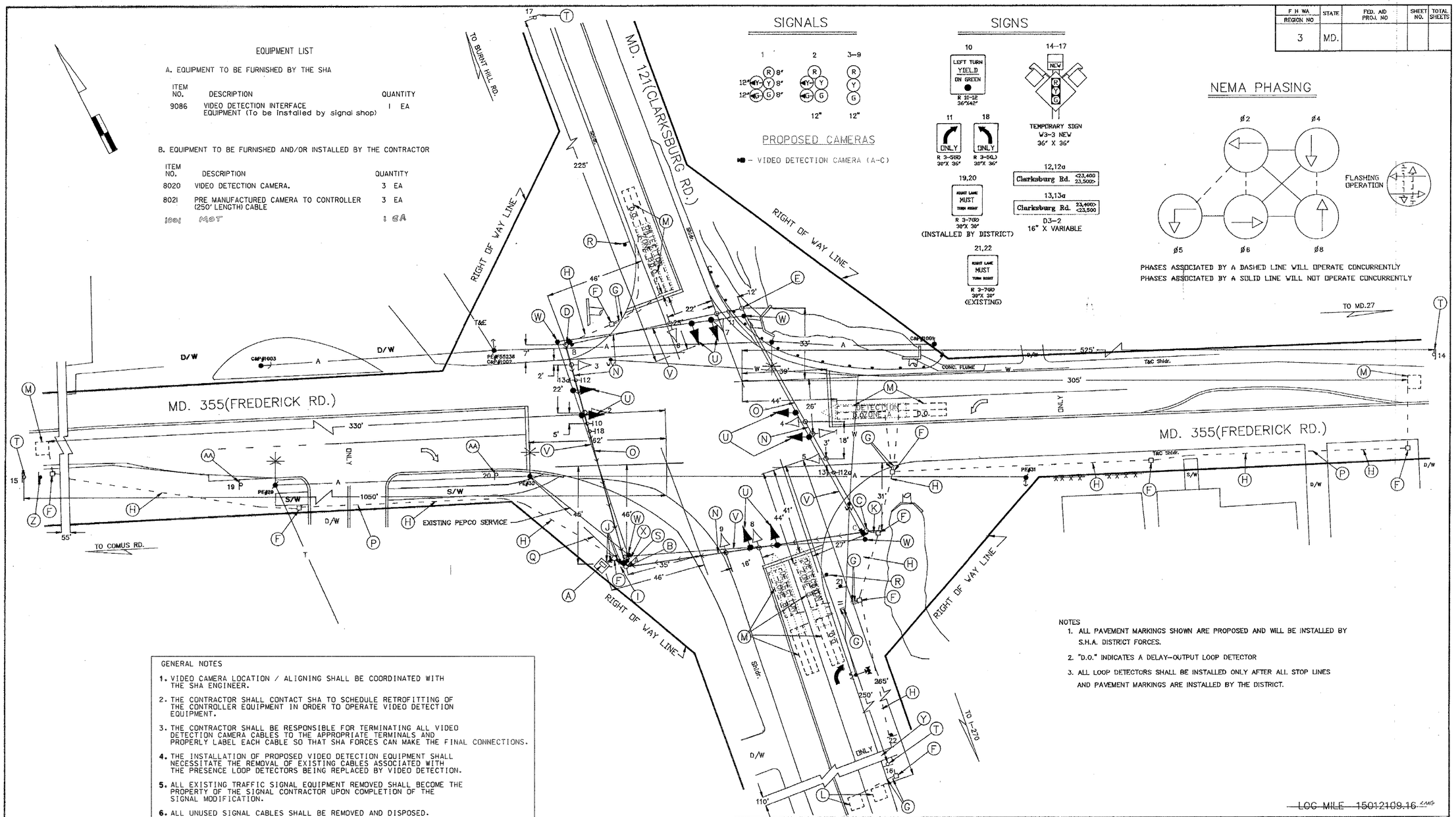
SIGNS

NEMA PHASING

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

PROPOSED CAMERAS

■ – VIDEO DETECTION CAMERA (A–C)



NOTES

1. ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND WILL BE INSTALLED BY S.H.A. DISTRICT FORCES.
2. "D.O." INDICATES A DELAY–OUTPUT LOOP DETECTOR
3. ALL LOOP DETECTORS SHALL BE INSTALLED ONLY AFTER ALL STOP LINES AND PAVEMENT MARKINGS ARE INSTALLED BY THE DISTRICT.

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.

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

VIDEO CAMERA LEGEND

→→→ = VIDEO CABLE (PATH TO CONTROLLER)

STREET TRAFFIC STUDIES, LTD.
403 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-9500
Fax (410) 590-9537
46870583.DGN

REVISIONS	APPROVALS
(A) 12/31/90 REPLACE I.C.B. WITH FULL SIGNAL C.J.	CHIEF, SIGNAL DESIGN SECTION
(B) 10/2004 REPLACE LOOP DETECTION WITH VIDEO CAMERAS SHA NO.:M0717585 JA	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DIVISION
	DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

THIS IS NOTE REVISION TO TS-1560 DRAWING ON FILE.

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic
TRAFFIC ENGINEERING DIVISION

SIGNAL #

REDRAWN BY: C. JEDNORSKI 12/90
DES. BY:
CHK. BY:

MD.355(FREDERICK RD.) AND
MD.121(CLARKSBURG RD.)

SHA: M07175185 TCD#: M0717-01 COUNTY: MONTGOMERY

DATE: 12/22/77 F.A.P. NO.
SCALE: 1" = 20' S.H.A. NO. AW 359-451-085

TS/STD. NO. TS-1560A B
SHEET NO. OF

~~LOG MILE 15012109.16~~ LMG

TIMS#G583 15035523.09

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