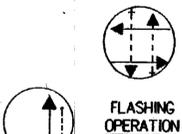
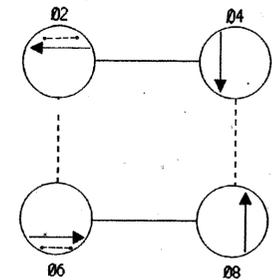
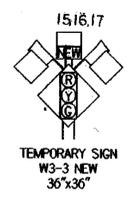


12" SIGNALS

SIGNS

NEMA PHASING



NEMA PHASING NOTES

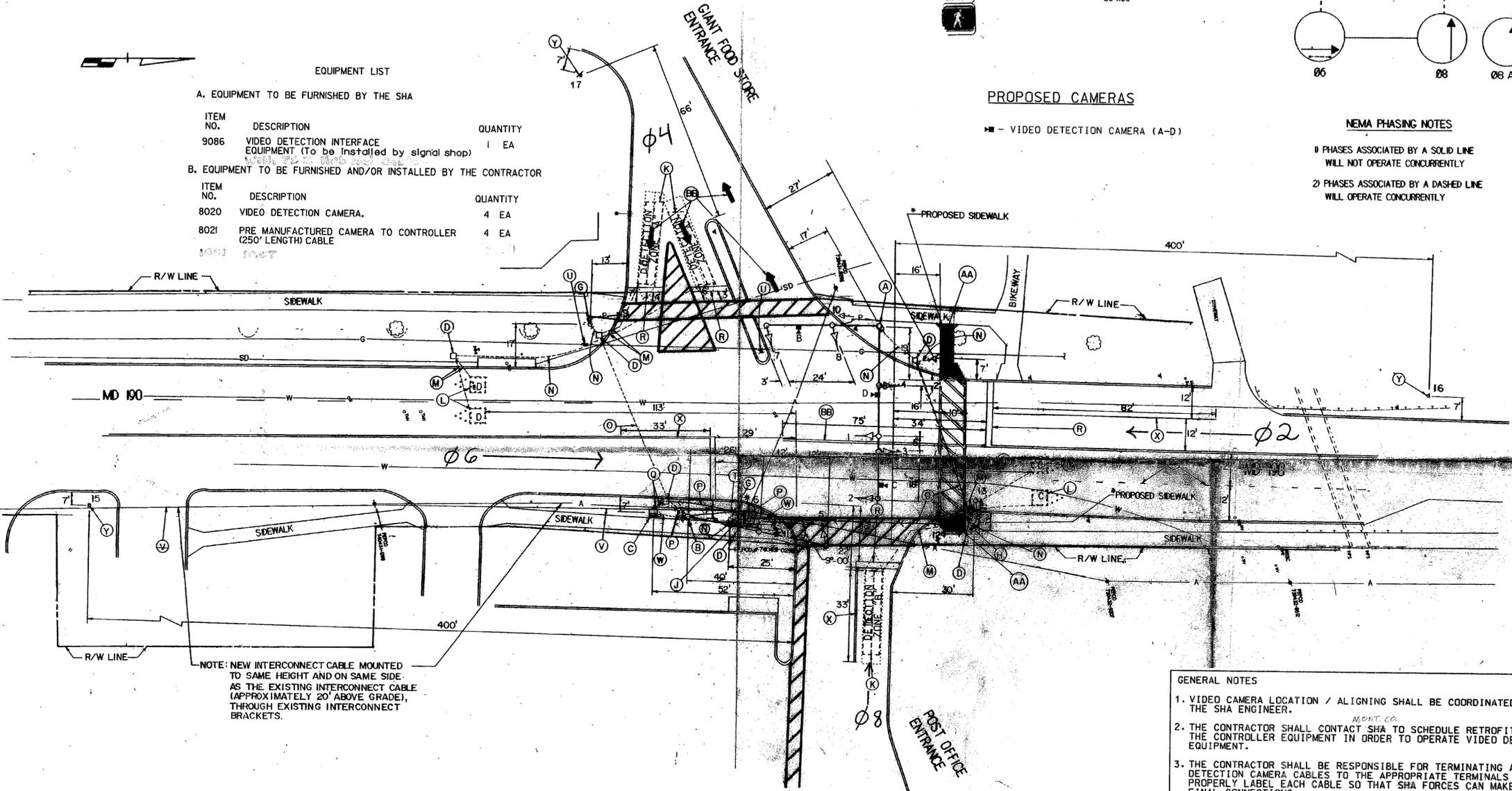
- 1 PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
- 2 PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PROPOSED CAMERAS

— VIDEO DETECTION CAMERA (A-D)

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) With 75' 2" Trip and Cable	1 EA
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR		
ITEM NO.	DESCRIPTION	QUANTITY
8020	VIDEO DETECTION CAMERA.	4 EA
8021	PRE MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE	4 EA



NOTE: NEW INTERCONNECT CABLE MOUNTED TO SAME HEIGHT AND ON SAME SIDE AS THE EXISTING INTERCONNECT CABLE (APPROXIMATELY 20' ABOVE GRADE), THROUGH EXISTING INTERCONNECT BRACKETS.

- GENERAL NOTES
- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
  - THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
  - 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.
  - 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.
  - ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
  - 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	— C — C — C — C
SEWER	— S — S — S — S
WATER	— W — W — W — W
CABLE TV	— TV — TV — TV — TV



REVISIONS	APPROVALS
	 CHIEF, SIGNAL DESIGN SECTION
	 ASST. DISTRICT ENGINEER / TRAFFIC
	 CHIEF, TRAFFIC ENGINEERING DIVISION
	 DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

MARYLAND DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION - OFFICE OF TRAFFIC ENGINEERING DIVISION

DRAWN BY: T. M. SPECA (FOR JMT)  
DES. BY: T. M. SPECA (FOR JMT)  
CHK. BY:

DATE: 5/1/00  
SCALE: 1" = 20'

SIGNAL NO. 15035508-00  
F.A.P. NO. M-627-459-385  
S.H.A. NO. M-627-459-385

MD 190 AT GIANT FOOD / POST OFFICE ENTRANCES  
COUNTY: MONTGOMERY  
SHEET NO. 2697 A OF

SHA #: MD117A51/251 TOD #: MD117-06