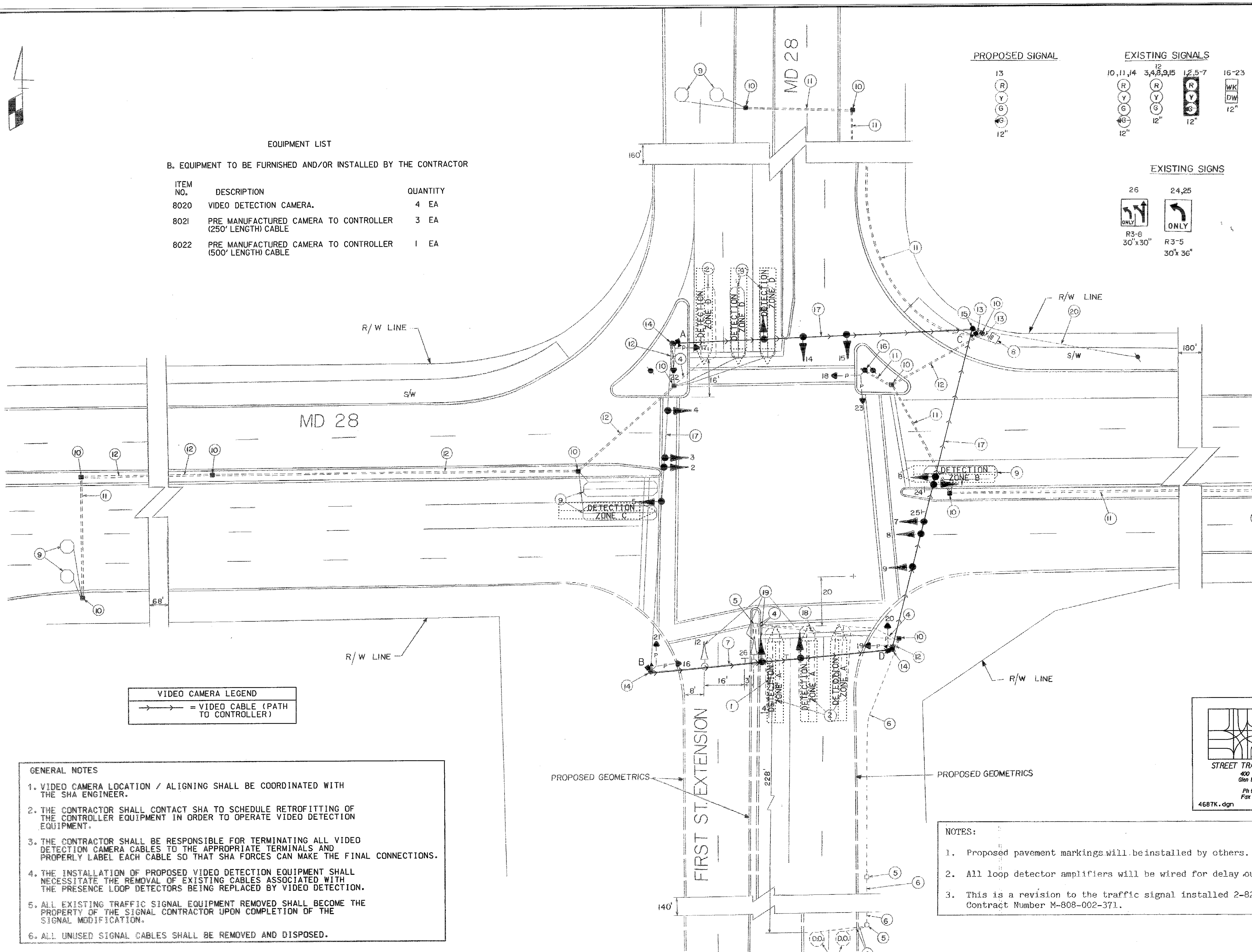
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.		1	1

EQUIPMENT LIST

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

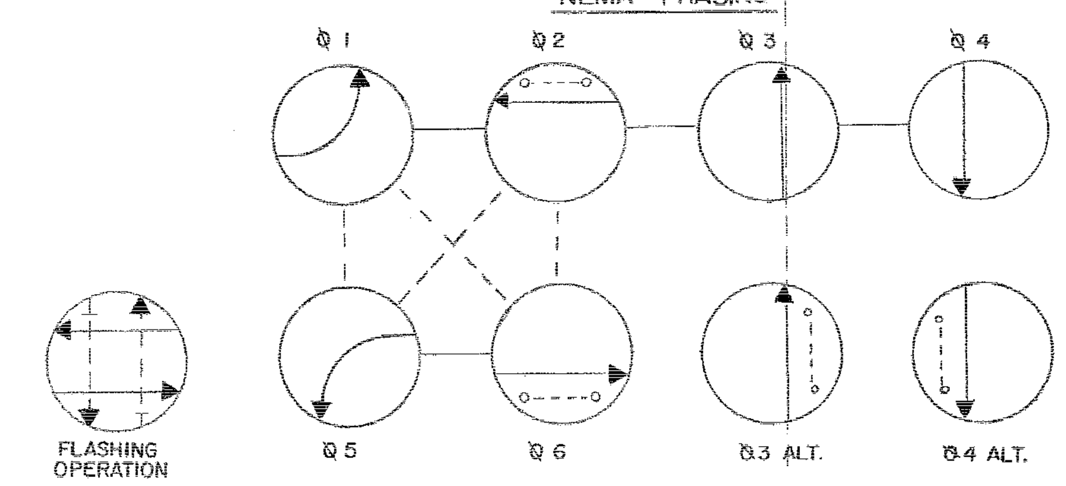
ITEM NO.	DESCRIPTION	QUANTITY
8020	VIDEO DETECTION CAMERA.	4 EA
8021	PRE MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE	3 EA
8022	PRE MANUFACTURED CAMERA TO CONTROLLER (500' LENGTH) CABLE	1 EA



VIDEO CAMERA LEGEND

→ = VIDEO CABLE (PATH TO CONTROLLER)

NEMA PHASING



NEMA PHASING NOTES

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

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.

NOTES:

1. Proposed pavement markings will be installed by others.
2. All loop detector amplifiers will be wired for delay output.
3. This is a revision to the traffic signal installed 2-82 under Contract Number M-808-002-371.

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy., N.W.
Glen Burnie, MD 21061
Ph (410) 590-5500
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4687K.dgn

APPROVAL: CHIEF SIGNAL DESIGN SECTION

APPROVAL: REGIONAL TRAFFIC ENGINEER

APPROVAL: CHIEF-BUREAU OF TRAFFIC ENGINEERING

APPROVAL: ASS'T. CHIEF ENGINEER TRAFFIC

REVISIONS

D) REPLACE LOOP DETECTION WITH VIDEO CAMERAS 8/2004 MO717S185 DAZ BRK

C) 2-15-85 REDRAWN, ADJUST SIGNALS AND DETECTION FOR NEW GEOMETRICS. SHA NO. 855-25003 TMZ

B) 11-18-81 REDRAWN, NEW SIGNAL DESIGN.

SR | DAZ | ETP | TH

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC – BUREAU OF TRAFFIC ENGINEERING

MD 586 & MD 28/FIRST ST. EXTENSION

TS 51 D

SCALE 1" = 20' DATE 11-18-81 CONTRACT NO. M-808-002-371

DRAWN BY: STEVE RENZI COUNTY: MONTGOMERY

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SHA#: MO717A52/B52 TOD#: MO717-01