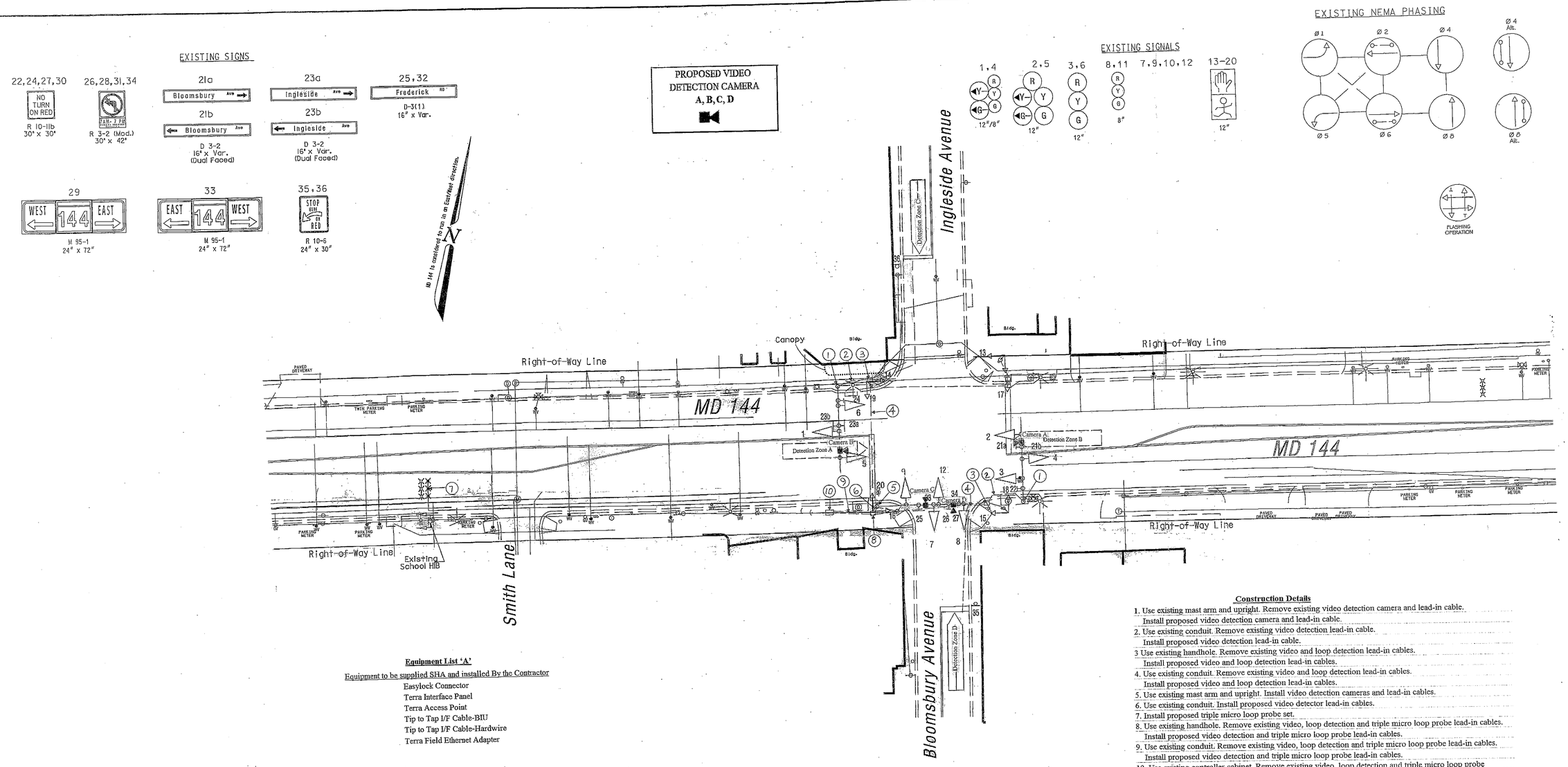


**Equipment List 'A'**

Equipment to be supplied SHA and installed By the Contractor

Easylock Connector
Terra Interface Panel
Terra Access Point
Tip to Tap I/F Cable-BIU
Tip to Tap I/F Cable-Hardwire
Terra Field Ethernet Adapter

**Equipment List 'B'**

Equipment to be furnished and installed by the Contractor.

| ITEM | QUANTITY | | DESCRIPTION |
|---|---|---|---|
| 1002 | 1 | EA | MAINTENANCE OF TRAFFIC PER ASSIGNMENT |
| 8007 | 1 | EA | REMOVE & DISPOSE OF MATERIAL & EQUIPMENT |
| 8008 | 4 | EA | VIDEO DETECTION CAMERA & CABLE |
| 8010 | 6 | LF | 1 INCH DETECTOR SLEEVE GALV OR FLEXIBLE LIQUID TIGHT |
| 8011 | 1 | EA | MICROLOOP PROBE(ANY LENGTH) LEAD IN CBL UP TO 1000 FT |
| 8021 | 228 | LF | SAW CUT FOR SIGNAL (LOOP DETECTOR) |

**Equipment List 'C'**

Removed and Salvaged Items

NONE

**Construction Details**

1. Use existing mast arm and upright. Remove existing video detection camera and lead-in cable. Install proposed video detection camera and lead-in cable.
2. Use existing conduit. Remove existing video detection lead-in cable. Install proposed video detection lead-in cable.
3. Use existing handhole. Remove existing video and loop detection lead-in cables. Install proposed video and loop detection lead-in cables.
4. Use existing conduit. Remove existing video and loop detection lead-in cables. Install proposed video and loop detection lead-in cables.
5. Use existing mast arm and upright. Install video detection cameras and lead-in cables.
6. Use existing conduit. Install proposed video detector lead-in cables.
7. Install proposed triple micro loop probe set.
8. Use existing handhole. Remove existing video, loop detection and triple micro loop probe lead-in cables. Install proposed video detection and triple micro loop probe lead-in cables.
9. Use existing conduit. Remove existing video, loop detection and triple micro loop probe lead-in cables. Install proposed video detection and triple micro loop probe lead-in cables.
10. Use existing controller cabinet. Remove existing video, loop detection and triple micro loop probe lead-in cables for phases 1, 4, 5, 6 and 8. Install proposed video detection and triple micro loop probe lead-in cables. Traffic Operations Division personnel will install video interface equipment and re-tune amplifiers upon completion of proposed work.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

| | | |
|---|---|---|
| SD | SD | STORM DRAIN |
| G | G | GAS MAIN |
| W | W | WATER MAIN |
| S | S | SEWER MAIN |
| E | E | ELECTRIC CABLES |
| A | A | AERIAL CABLES |
| T | T | TELEPHONE CABLES |
| F | F | FIBER-OPTIC |

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

(C) April 2012 Upgrade Video Detection TIMS: L-522
XX6485185
(B) Installation of Video Detection OT 2007 01/2009 J-680
(A) Reconstruction of Traffic Signal.
S.H.A. No.:XX1005485 February 21, 2000
FH

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

# MD 144 (Frederick Road) at Ingleside Ave/Bloomsbury Ave

## SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE Mar15, 1974 CONTRACT NO.

DESIGNED BY
DRAWN BY Flanigan
CHECKED BY C.R.M.
F.A.P. NO. AC-STPG-000A(701)E
COUNTY Baltimore
LOGMILE 03014403.67
TIMS NO. L-522
TOD NO.

TS NO. 882C | DRAWING OF | SHEET NO. 1 OF 1