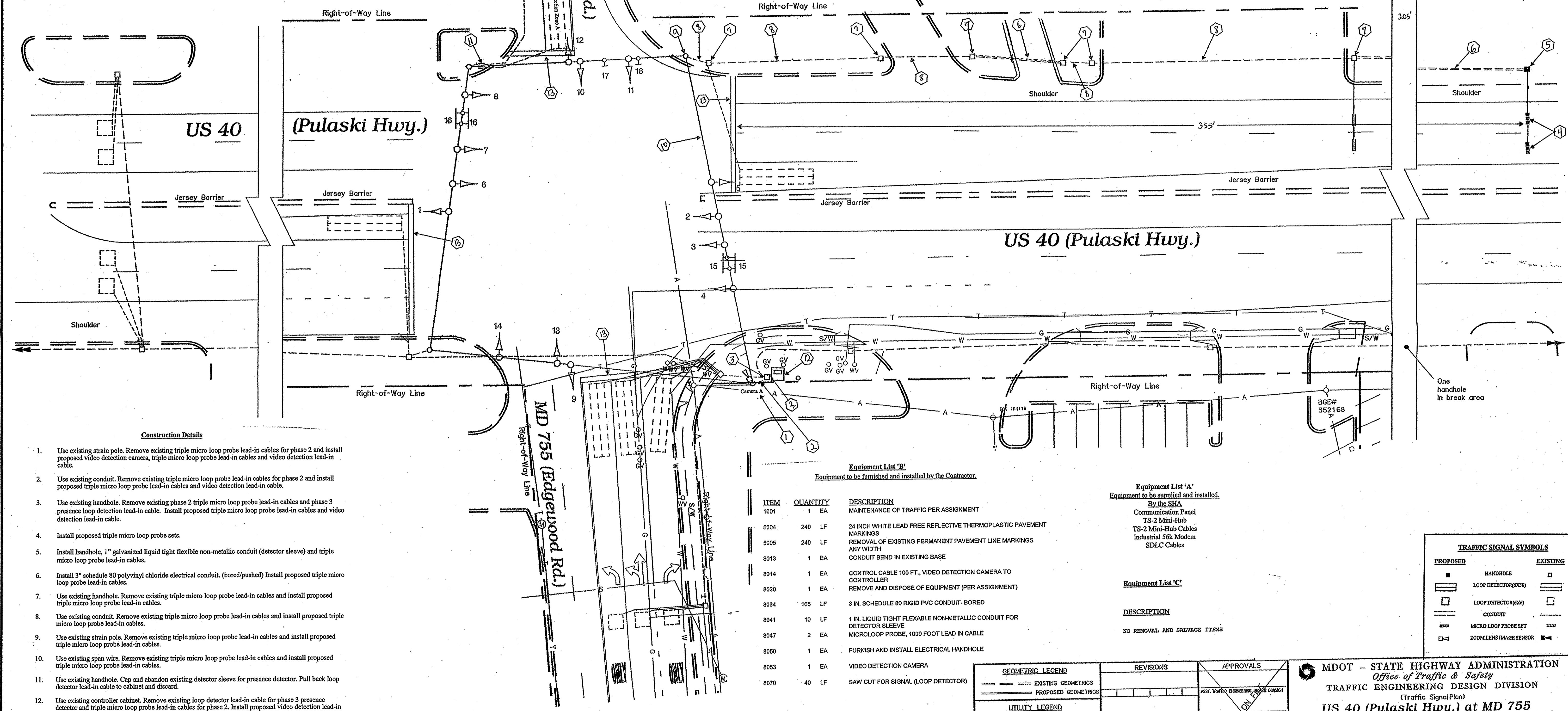


PHASING NOTES:  
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY  
 2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

US 40 is considered to run in an East/West direction.



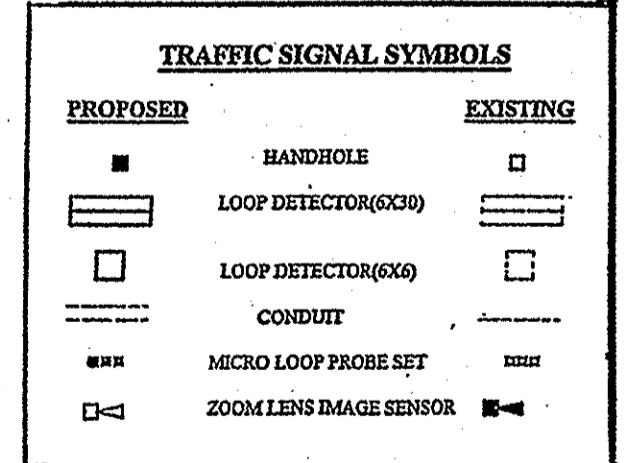
- Construction Details**
- Use existing strain pole. Remove existing triple micro loop probe lead-in cables for phase 2 and install proposed video detection camera, triple micro loop probe lead-in cables and video detection lead-in cable.
  - Use existing conduit. Remove existing triple micro loop probe lead-in cables for phase 2 and install proposed triple micro loop probe lead-in cables and video detection lead-in cable.
  - Use existing handhole. Remove existing phase 2 triple micro loop probe lead-in cables and phase 3 presence loop detection lead-in cable. Install proposed triple micro loop probe lead-in cables and video detection lead-in cable.
  - Install proposed triple micro loop probe sets.
  - Install handhole, 1" galvanized liquid tight flexible non-metallic conduit (detector sleeve) and triple micro loop probe lead-in cables.
  - Install 3" schedule 80 polyvinyl chloride electrical conduit. (bored/pushed) Install proposed triple micro loop probe lead-in cables.
  - Use existing handhole. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
  - Use existing conduit. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
  - Use existing strain pole. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
  - Use existing span wire. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
  - Use existing handhole. Cap and abandon existing detector sleeve for presence detector. Pull back loop detector lead-in cable to cabinet and discard.
  - Use existing controller cabinet. Remove existing loop detector lead-in cable for phase 3 presence detector and triple micro loop probe lead-in cables for phase 2. Install proposed video detection lead-in cable and triple micro loop probe lead-in cables. Install 2" schedule 80 polyvinyl chloride bend into cabinet base to accommodate phone drop. TOD personnel will install and program video detection interface equipment and re-tune amplifiers after completion of proposed work.
  - Remove stop line and re-install in accordance to SHA Standards.

**Equipment List 'B'**  
 Equipment to be furnished and installed by the Contractor.

| ITEM | QUANTITY | DESCRIPTION  |
|------|----------|--|
| 1001 | 1 EA     | MAINTENANCE OF TRAFFIC PER ASSIGNMENT                                |
| 5004 | 240 LF   | 24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS   |
| 5005 | 240 LF   | REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH       |
| 8013 | 1 EA     | CONDUIT BEND IN EXISTING BASE  |
| 8014 | 1 EA     | CONTROL CABLE 100 FT., VIDEO DETECTION CAMERA TO CONTROLLER          |
| 8020 | 1 EA     | REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)                     |
| 8034 | 165 LF   | 3 IN. SCHEDULE 80 RIGID PVC CONDUIT-BORED                            |
| 8041 | 10 LF    | 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE |
| 8047 | 2 EA     | MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE                             |
| 8050 | 1 EA     | FURNISH AND INSTALL ELECTRICAL HANDHOLE                              |
| 8053 | 1 EA     | VIDEO DETECTION CAMERA   |
| 8070 | 40 LF    | SAW CUT FOR SIGNAL (LOOP DETECTOR)                                   |

**Equipment List 'A'**  
 Equipment to be supplied and installed.  
 By the SHA  
 Communication Panel  
 TS-2 Mini-Hub  
 TS-2 Mini-Hub Cables  
 Industrial 56k Modem  
 SDLC Cables

**Equipment List 'C'**  
 DESCRIPTION  
 NO REMOVAL AND SALVAGE ITEMS



| GEOMETRIC LEGEND   | REVISIONS   | APPROVALS      |             |      |   |                         |             |   |         |                |  |      |       |            |   |         |  |              |                                   |              |                                      |
|--|---|----------------|-------------|------|---|-------------------------|-------------|---|---------|----------------|--|------|-------|------------|---|---------|--|--------------|-----------------------------------|--------------|--------------------------------------|
| — — — — — EXISTING GEOMETRICS<br>— — — — — PROPOSED GEOMETRICS | <table border="1"> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> <tr> <td>1</td> <td>Install Video Detection</td> <td>01/08 H-472</td> </tr> <tr> <td>2</td> <td>REVISED</td> <td>March 21, 2000</td> </tr> </table> | NO.            | DESCRIPTION | DATE | 1 | Install Video Detection | 01/08 H-472 | 2 | REVISED | March 21, 2000 | <table border="1"> <tr> <th>NAME</th> <th>TITLE</th> </tr> <tr> <td>W. Malcolm</td> <td>ASST. TRAFFIC ENGINEERING DESIGN DIVISION</td> </tr> <tr> <td>D. Doda</td> <td>CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION</td> </tr> <tr> <td>W. H. Burges</td> <td>ASST. DISTRICT ENGINEER - TRAFFIC</td> </tr> <tr> <td>W. H. Burges</td> <td>DIRECTOR, OFFICE OF TRAFFIC &amp; SAFETY</td> </tr> </table> | NAME | TITLE | W. Malcolm | ASST. TRAFFIC ENGINEERING DESIGN DIVISION | D. Doda | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION | W. H. Burges | ASST. DISTRICT ENGINEER - TRAFFIC | W. H. Burges | DIRECTOR, OFFICE OF TRAFFIC & SAFETY |
| NO.  | DESCRIPTION   | DATE           |             |      |   |                         |             |   |         |                |  |      |       |            |   |         |  |              |                                   |              |                                      |
| 1  | Install Video Detection   | 01/08 H-472    |             |      |   |                         |             |   |         |                |  |      |       |            |   |         |  |              |                                   |              |                                      |
| 2  | REVISED   | March 21, 2000 |             |      |   |                         |             |   |         |                |  |      |       |            |   |         |  |              |                                   |              |                                      |
| NAME   | TITLE   |                |             |      |   |                         |             |   |         |                |  |      |       |            |   |         |  |              |                                   |              |                                      |
| W. Malcolm   | ASST. TRAFFIC ENGINEERING DESIGN DIVISION   |                |             |      |   |                         |             |   |         |                |  |      |       |            |   |         |  |              |                                   |              |                                      |
| D. Doda  | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION  |                |             |      |   |                         |             |   |         |                |  |      |       |            |   |         |  |              |                                   |              |                                      |
| W. H. Burges   | ASST. DISTRICT ENGINEER - TRAFFIC   |                |             |      |   |                         |             |   |         |                |  |      |       |            |   |         |  |              |                                   |              |                                      |
| W. H. Burges   | DIRECTOR, OFFICE OF TRAFFIC & SAFETY  |                |             |      |   |                         |             |   |         |                |  |      |       |            |   |         |  |              |                                   |              |                                      |

**MDOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 (Traffic Signal Plan)  
**US 40 (Pulaski Hwy.) at MD 755**  
 (Edgewood Rd.)

DATE: August, 1992  
 DRAWN BY: W. Malcolm  
 CHK. BY: D. Doda  
 SCALE: 1" = 20'

F.A.P. NO. N/A  
 S.H.A. NO. H-933-501-485  
 COUNTY: HARFORD

LOG MILE: 1200400.12  
 PLAN SHEET NO. 3252D  
 SHEET NO. 1 of 1