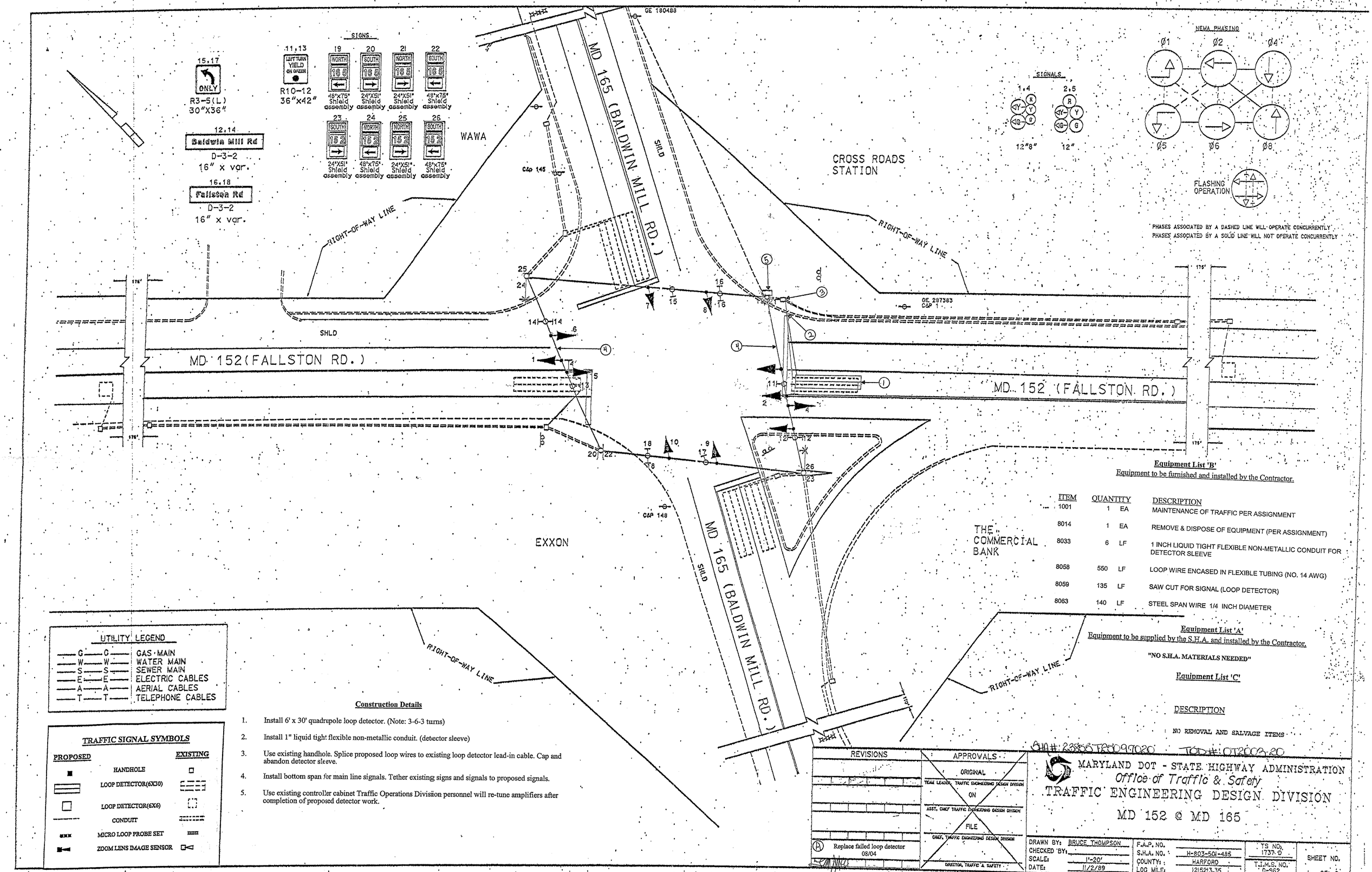


**Equipment List 'B'**

Equipment to be furnished and installed by the Contractor.

| ITEM | QUANTITY | | DESCRIPTION |
|---|---|---|---|
| 1001 | 1 | EA | MAINTENANCE OF TRAFFIC PER ASSIGNMENT |
| 8014 | 1 | EA | REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT) |
| 8033 | 6 | LF | 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE |
| 8058 | 550 | LF | LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG) |
| 8059 | 135 | LF | SAW CUT FOR SIGNAL (LOOP DETECTOR) |
| 8063 | 140 | LF | STEEL SPAN WIRE 1/4 INCH DIAMETER |

**Equipment List 'A'**

Equipment to be supplied by the S.H.A. and installed by the Contractor.

"NO S.H.A. MATERIALS NEEDED"

**Equipment List 'C'**

DESCRIPTION

NO REMOVAL AND SALVAGE ITEMS

**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 |

**TRAFFIC SIGNAL SYMBOLS**

| PROPOSED | | EXISTING |
|---|---|---|
| ■ | HANDHOLE | □ |
| | LOOP DETECTOR(6X30) | |
| □ | LOOP DETECTOR(6X6) | |
| | CONDUIT | |
| | MICRO LOOP PROBE SET | |
| | ZOOM LENS IMAGE SENSOR | |

**Construction Details**

1. Install 6' x 30' quadrupole loop detector. (Note: 3-6-3 turns)
2. Install 1" liquid tight flexible non-metallic conduit. (detector sleeve)
3. Use existing handhole. Splice proposed loop wires to existing loop detector lead-in cable. Cap and abandon detector sleeve.
4. Install bottom span for main line signals. Tether existing signs and signals to proposed signals.
5. Use existing controller cabinet Traffic Operations Division personnel will re-tune amplifiers after completion of proposed detector work.

| REVISIONS | APPROVALS |
|---|---|
| | ORIGINAL |
| | TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION |
| | ON |
| | ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION |
| | FILE |
| | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| | DIRECTOR, TRAFFIC & SAFETY |
| (A) Replace failed loop detector 08/04 | |

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 152 @ MD 165

| | | | |
|---|---|---|---|
| DRAWN BY: BRUCE THOMPSON | F.A.P. NO. | TS NO. 1737-D | SHEET NO. |
| CHECKED BY: | S.H.A. NO. H-803-501-485 | T.I.M.S. NO. D-962 | 1 OF 2 |
| SCALE: 1"=20' | COUNTY: HARFORD | | |
| DATE: 11/2/89 | LOG MILE: 12.5213.35 | | |