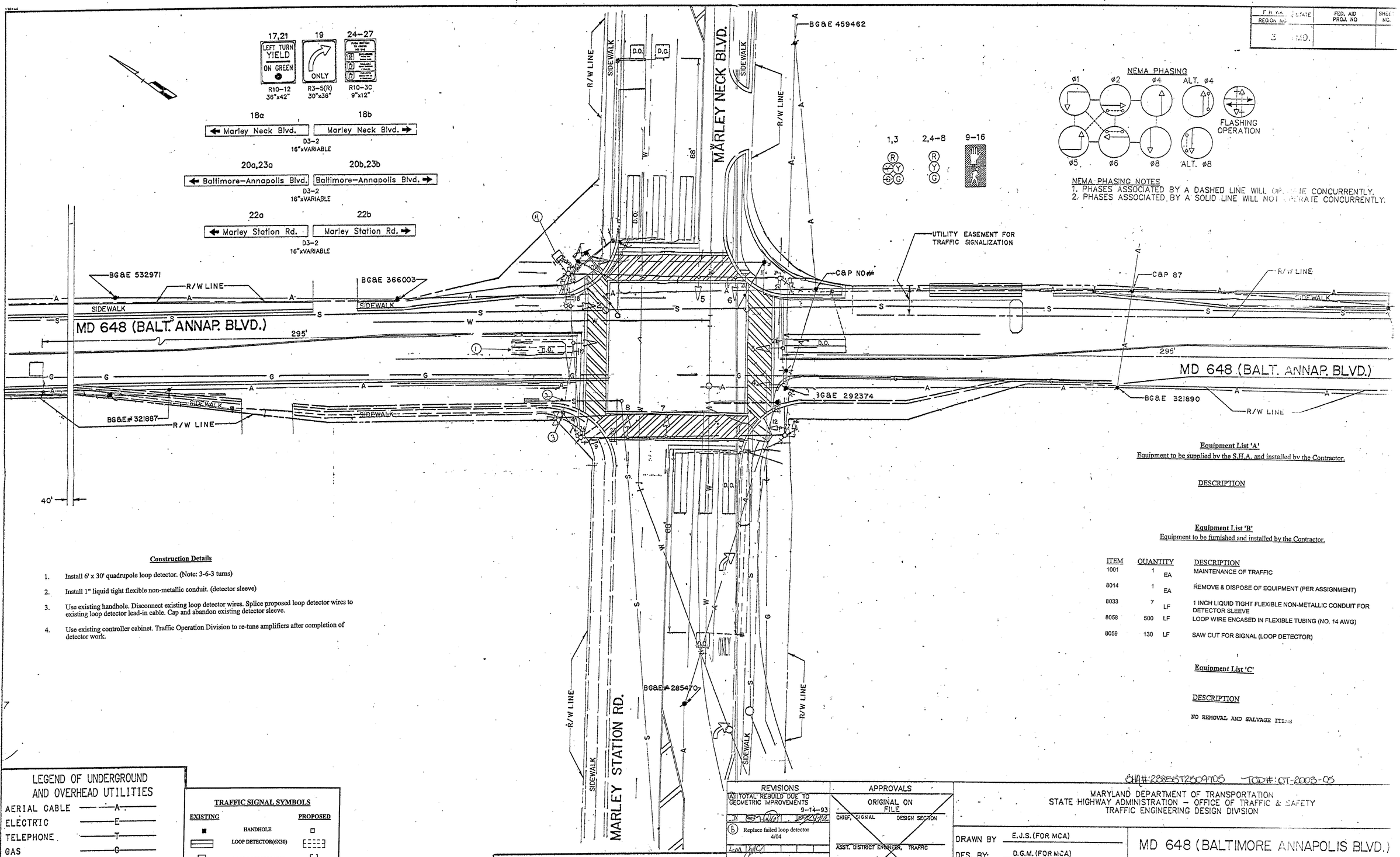
| F.H.W.A. REGION NO. | STATE | FED. AID PROJ. NO | SHEET NO. |
|---|---|---|---|
| 3 | MD. | | |




**Equipment List 'A'**

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

DESCRIPTION

**Equipment List 'B'**

Equipment to be furnished and installed by the Contractor.

| ITEM | QUANTITY | | DESCRIPTION |
|---|---|---|---|
| 1001 | 1 | EA | MAINTENANCE OF TRAFFIC |
| 8014 | 1 | EA | REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT) |
| 8033 | 7 | LF | 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE |
| 8058 | 500 | LF | LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG) |
| 8059 | 130 | LF | SAW CUT FOR SIGNAL (LOOP DETECTOR) |

**Equipment List 'C'**

DESCRIPTION

NO REMOVAL AND SALVAGE ITEMS

**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. Disconnect existing loop detector wires. Splice proposed loop detector wires to existing loop detector lead-in cable. Cap and abandon existing detector sleeve.
4. Use existing controller cabinet. Traffic Operation Division to re-tune amplifiers after completion of detector work.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

| | |
|---|---|
| AERIAL CABLE | A |
| ELECTRIC | E |
| TELEPHONE | T |
| GAS | G |
| STORM DRAIN | SD |
| SEWER | S |
| WATER | W |
| CABLE TV | TV |

**TRAFFIC SIGNAL SYMBOLS**

| EXISTING | | PROPOSED |
|---|---|---|
| ■ | HANDHOLE | □ |
| ▭ | LOOP DETECTOR(6X30) | ⬚ |
| □ | LOOP DETECTOR(6X6) | ⬚ |
| —— | CONDUIT | ═══ |
| ▪▪▪ | MICRO LOOP PROBE SET | ▫▫▫ |
| ▬◄ | ZOOM LENS IMAGE SENSOR | ▭◄ |

Erdman and Associates, Inc.
Consulting Engineers

| REVISIONS | APPROVALS |
|---|---|
| (A) TOTAL REBUILD DUE TO GEOMETRIC IMPROVEMENTS 9-14-93 | ORIGINAL ON FILE |
| (B) Replace failed loop detector 4/04 | CHIEF, SIGNAL DESIGN SECTION |
| | ASST. DISTRICT ENGINEER, TRAFFIC |
| | CHIEF, BUREAU OF TRAFFIC ENGINEERING |
| | DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC |

CHN#:28855T2509705 TOD#: OT-2003-05

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

DRAWN BY: E.J.S. (FOR MCA)
DES. BY: D.G.M. (FOR MCA)
CHK. BY: G.FRANSOS (FOR A.A.CO.)

MD 648 (BALTIMORE ANNAPOLIS BLVD.) AND MARLEY NECK BLVD. / MARLEY STA.
COUNTY: ANNE ARUNDEL LOG MILE# 02E6480

DATE: OCTOBER 6, 1993 F.A.P. NO.
SCALE: 1" = 20' S.H.A. NO. BW622-802-512
TS/FILE NO. TS-3378A
SHEET NO. ___ OF ___

02E64801