| F H W A REGION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| 3 | MD | | 11 | 14 |

## EXISTING SIGNALS & SIGNS







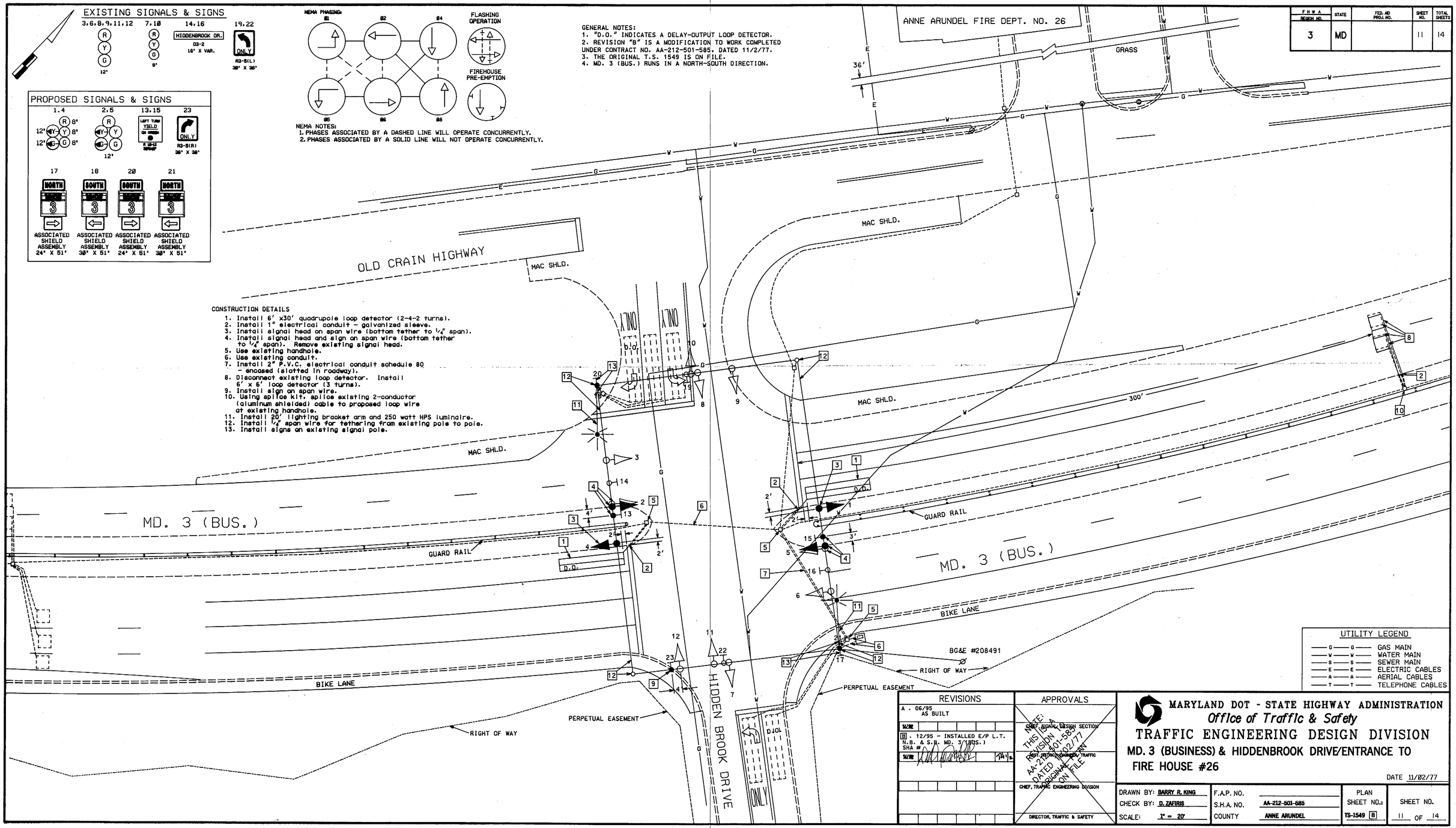
NEMA NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES:
1. "D.O." INDICATES A DELAY-OUTPUT LOOP DETECTOR.
2. REVISION "B" IS A MODIFICATION TO WORK COMPLETED UNDER CONTRACT NO. AA-212-501-585, DATED 11/2/77.
3. THE ORIGINAL T.S. 1549 IS ON FILE.
4. MD. 3 (BUS.) RUNS IN A NORTH-SOUTH DIRECTION.

## PROPOSED SIGNALS & SIGNS




CONSTRUCTION DETAILS
1. Install 6' x30' quadrupole loop detector (2-4-2 turns).
2. Install 1" electrical conduit - galvanized sleeve.
3. Install signal head on span wire (bottom tether to 1/4" span).
4. Install signal head and sign on span wire (bottom tether to 1/4" span). Remove existing signal head.
5. Use existing handhole.
6. Use existing conduit.
7. Install 2" P.V.C. electrical conduit schedule 80 - encased (slotted in roadway).
8. Disconnect existing loop detector. Install 6' x 6' loop detector (3 turns).
9. Install sign on span wire.
10. Using splice kit, splice existing 2-conductor (aluminum shielded) cable to proposed loop wire at existing handhole.
11. Install 20' lighting bracket arm and 250 watt HPS luminaire.
12. Install 1/4" span wire for tethering from existing pole to pole.
13. Install signs on existing signal pole.




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 |

| REVISIONS | APPROVALS |
|---|---|
| A . 06/95 AS BUILT | CHIEF, SIGNAL DESIGN SECTION |
| B . 12/95 - INSTALLED E/P L.T. N.B. & S.B. MD. 3 (BUS.) SHA # | TEST, DETECTOR ENGINEER, TRAFFIC |
| | CHIEF, TRAFFIC ENGINEERING DIVISION |
| | DIRECTOR, TRAFFIC & SAFETY |

NOTE: THIS IS A REVISION TO AA-212-501-585 DATED 11/02/77 ORIGINAL IN ON FILE

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**
*Office of Traffic & Safety*
**TRAFFIC ENGINEERING DESIGN DIVISION**
**MD. 3 (BUSINESS) & HIDDENBROOK DRIVE/ENTRANCE TO FIRE HOUSE #26**

DATE 11/02/77

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: BARRY R. KING | F.A.P. NO. | | PLAN SHEET NO.: | SHEET NO. |
| CHECK BY: D. ZAFIRIS | S.H.A. NO. | AA-212-501-585 | | |
| SCALE: 1" = 20' | COUNTY | ANNE ARUNDEL | TS-1549 B | 11 OF 14 |