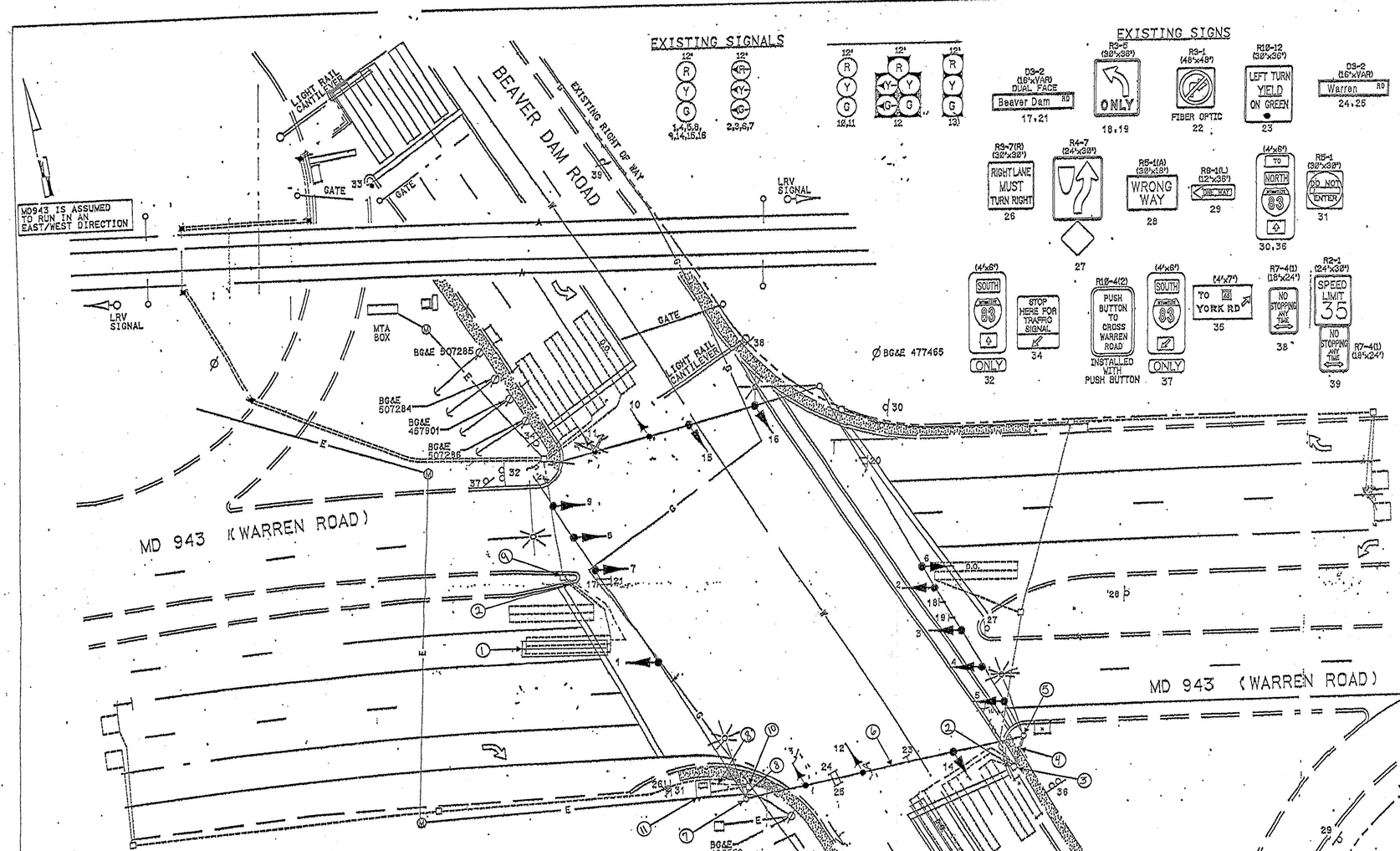
F. HIGHWAY REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	See Title Sheet	83	86



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 lead-in cables and install proposed loop detector lead-in cables. Splice proposed loop detector lead-in cables to existing loop wires. Cap and abandon obstructed conduit.
4. Install 2" schedule 80 polyvinyl chloride electrical conduit. (trenched) Install proposed loop detector lead-in cables.
5. Use existing strain pole. Install 2" schedule 80 polyvinyl chloride electrical bend into existing pole base. Install proposed loop detector lead-in cables.
6. Use existing span wire. Remove existing loop detector lead-in cables and install proposed loop detector lead-in cables
7. Use existing strain pole. Remove existing loop detector cables and install proposed loop detector lead-in cables.
8. Use existing conduit. Remove existing loop detector lead-in cables and install proposed loop detector lead-in cables.
9. Use existing handhole. Splice proposed loop wires to existing loop detector lead-in cables.
10. Use existing handhole. Remove existing loop detector lead-in cables and install proposed loop detection lead-in cables.
11. Use existing controller cabinet. Remove existing loop detection lead-in cables for phase 4 and install proposed loop detector lead-in cables. Traffic Operations Division personnel will re-tune amplifiers after completion of proposed detector work.

Equipment List 'A'

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

DESCRIPTION

NO SHA MATERIALS

Equipment List 'C'

DESCRIPTION

NO REMOVAL AND SALVAGE ITEMS

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8011	1	EA	CONDUIT BEND INTO EXISTING BASE
8014	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8016	6	LF	2 INCH SCHEDULE 80 RIDGID PVC CONDUIT - TRENCHED
8033	10	LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8053	650	LF	ELECTRICAL CABLE 2 CONDUCTOR ALUMINUM SHIELDED
8058	1000	LF	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8059	265	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

EXISTING CONCRETE SIDEWALK

UTILITY LEGEND

T	TELEPHONE CABLES
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
BC	BURIED CABLE
SD	STORM DRAIN

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
■	HANDHOLE	□
	LOOP DETECTOR(6X30)	
□	LOOP DETECTOR(6X6)	□
	CONDUIT	
	MICRO LOOP PROBE SET	

REVISIOINS
Replace failed loop detectors 06/04 OT-2003
LM
ADD DETECTION NIORTH OF LIGHT RAIL TRIACKS AND ADDITIONAL FIBER OPTIC R3-1 SIGN. 11/98
DWN DG CHK AB

APPROVALS

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

FILE ORIGINAL ON

SHA#:2285ST250910W TOD#: OT-2003-14

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 943 (WARREN ROAD) AT BEAVER DAM ROAD

Log Mile #03094300.59

DATE 7/9/93

DRAWN BY: WRS BALT.CO.	F.A.P. NO. 000-000-000	PLAN SHEET NO.: 3818B	SHEET NO. 1 OF 8
CHECK BY: BALT.CO.	S.H.A. NO. AW277A52B52		
SCALE: 1"=20'	COUNTY BALTIMORE		