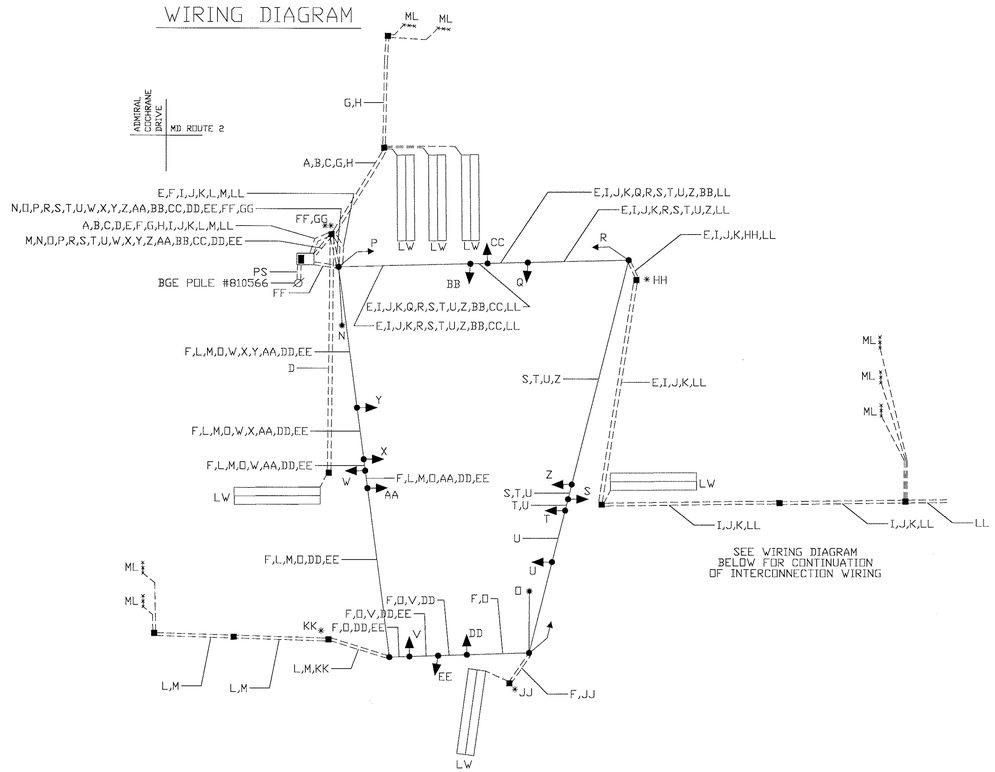
FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET	5	5

WIRING LEGEND

- A B C D E F — 2 CONDUCTOR (ALUMINUM SHIELDED) (NO. 14 AWG)
- G H I J K L M — MICROLOOP PROBE LEAD-IN
- N O — 2 CONDUCTOR (NO. 12 AWG) (TRAY CABLE, TYPE THHN)
- P Q R S T U V W X Y Z AA — 5 CONDUCTOR (NO. 14 AWG)
- BB CC DD EE — 7 CONDUCTOR (NO. 14 AWG)
- FF GG HH JJ KK — BARE COPPER STRANDED (NO. 6 AWG)
- LL — 12-PAIR INTERCONNECT CABLE JELLY FILLED (NO. 19 AWG)
- LW — LOOP WIRE ENCASED IN 1/4" FLEXIBLE TUBING (NO. 14 AWG)
- ML — MICROLOOP PROBE
- * — 3/4" X 10' GROUND ROD
- PS — PROPOSED UNDERGROUND SERVICE TO BE INSTALLED BY BALTIMORE GAS & ELECTRIC CO.

WIRING DIAGRAM



EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY THE STATE HIGHWAY ADMINISTRATION

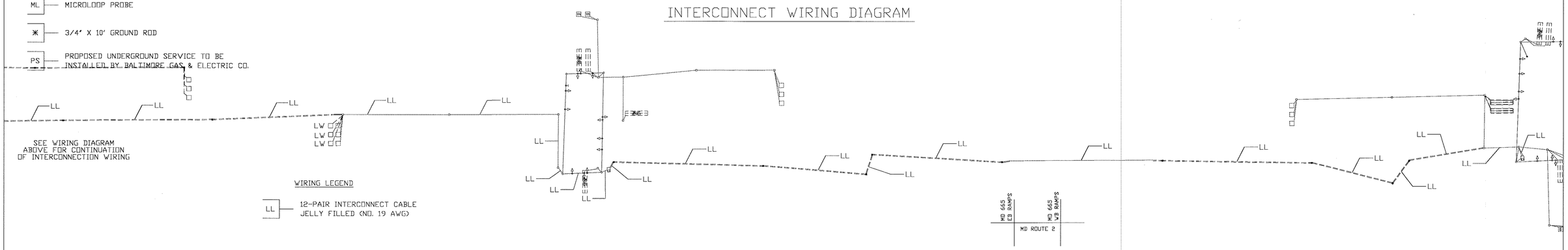
ITEM	QUANTITY	UNITS	SPECIFICATION SECTION	DESCRIPTION
9008	1	EA.	816	TRAFFIC RESPONSIVE MASTER CONTROLLER
9009	1	EA.	810	TELEMETRY PACKAGE

EQUIPMENT LIST 'B'

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM	QUANTITY	UNITS	SPECIFICATION SECTION	DESCRIPTION
8006	1,540	LF	805	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8027	80	LF	805	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED
8010	9	EA.	811	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8028	2,800	LF	810	FURNISH AND INSTALL 12-PAIR INTERCONNECT CABLE, JELLY FILLED (NO. 19 AWG)
8029	3	EA.	SP	USE EXISTING PLAN DISK AND AS-BUILT TRAFFIC CONTROL DEVICE
8030	3	EA.	SP	INSTALL TRAFFIC RESPONSIVE MASTER CONTROLLER INTO EXISTING CABINET
8031	3	EA.	SP	FURNISH AND INSTALL TELEMETRY PACKAGE

INTERCONNECT WIRING DIAGRAM



WIRING LEGEND

- LL — 12-PAIR INTERCONNECT CABLE JELLY FILLED (NO. 19 AWG)

GRAPHIC SCALE

100 0 50 100 200

SCALE IN FEET

STATE OF MARYLAND — ERNEST D. LEPORE No. 14959 — REGISTERED PROFESSIONAL ENGINEER

Ernest D. Lepore 4-18-00

SIG-5

REVISIONS	APPROVALS
1 REVISE SHA NO. 4-26-00	
	CHIEF, SIGN DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

LOG # 000000.00

DRAWN BY R. ZELLNER
DES. BY B. BIDDLE
CHK. BY B. BIDDLE

MD ROUTE 2 (SOLOMON'S ISLAND ROAD) AND ADMIRAL COCHRANE DRIVE TRAFFIC SIGNAL PLAN

BW292m83 1

COUNTY: ANNE ARUNDEL

DATE: 12-1-99 F.A.P. NO. SEE TITLE SHEET
SCALE: 1" = 100' S.H.A. NO. SEE TITLE SHEET

TS/FILE NO. TS-3376 GI-2

SHEET 74 OF 90

TLB ASSOCIATES, INC.
SUBSURFACE EXPLORATION & GEOTECHNICAL CONSULTANTS
1522 JABEZ RUN
MILLERSVILLE, MARYLAND 21108

STRAUGHAN ENVIRONMENTAL SERVICES, INC.
3905 National Drive, Suite 105
Burtonsville, Maryland 20866

Ronald W. Johnson Assoc., Inc.
Consulting Engineers . Land Planners . Surveyors
2661 Riva Road Building 400, Suite 420 Annapolis, MD 21401

Baker
Michael Baker Jr., Inc.
MICHAEL BAKER JR. INC.
Consulting Engineers
180 Admiral Cochrane Drive
Annapolis, Maryland 21401