EXISTING SIGNS

22 — ONLY — R3-5R 30" x 36"

23 — FIRE HOUSE SIGNAL — W11-8(1) 24"X30"

24 — Lake Shore Dr — D3-2 VARIABLE X 16"

28 — Lake Shore Dr — D3-2 VARIABLE X 16"

25.26 — OBEY LANE CONTROL SIGNALS — W11-8(1) 24"X30"

29 — ONLY — R3-5 30" x 36"

30 — ONLY — R3-5R 30" x 36" (FIBER OPTIC)

31 — FIREHOUSE SIGNAL

NOTE: MD 177 IS ASSUMED TO RUN IN AN EAST - WEST DIRECTION

PROPOSED SIGN

INBOUND 2 LANES E/B — 27 — R3-6 30" x 36" (FIBER OPTIC)

OUTBOUND 2 LANES W/B — DARK

EXISTING SIGNALS

1.2.3.16.17.18.19 — R 12", Y 12", Y 8"

4.5.12.13.14.15 — R, Y, G 12"

20.21 — 12"

6.9 — X (RED)

7.10 — X (RED), X (YELLOW), ↓ (GREEN) — (SOLID OR FLASH)

8.11 — ↓ (GREEN)

NEMA PHASING

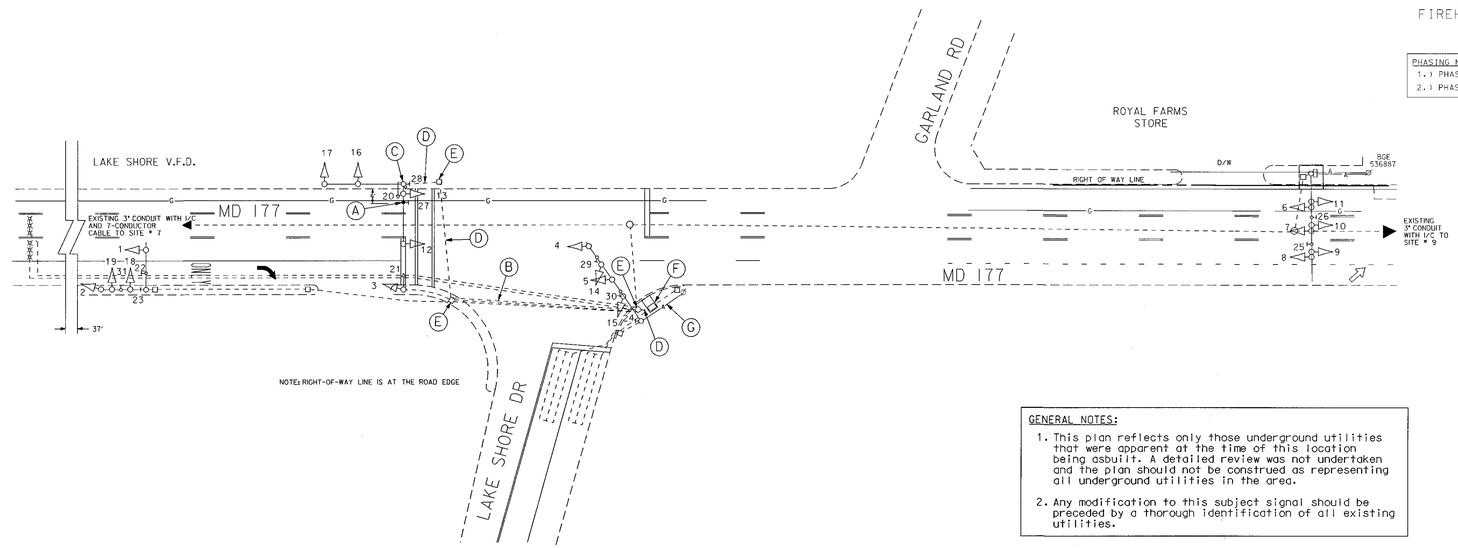
Ø2, Ø6, Ø4

Ø4 ALT

FLASHING OPERATION

FIREHOUSE PRE-EMPTION

PHASING 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. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

CONSTRUCTION DETAILS

A. Install fiber optic lane use sign onto existing mast arm as shown.
B. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).
C. Use existing signal pole.
D. Use existing conduit.
E. Use existing handhole.
F. Use existing base mounted cabinet and controller.
G. Existing overhead service to be maintained by BGE.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. N.W.
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Fax (410) 590-6637

4169.dgn TASK 51

REVISIONS	APPROVALS
B RELOCATE MAST ARM STRUCTURE 9/25/1986	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
C ADD FIBER OPTIC SIGNS & STATIC SIGNS FOR WB MD 177 SHA #X1065485 7-25-02	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
RRZ	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 177 @ LAKE SHORE ROAD

DRAWN BY: W J NIES	F.A.P. NO. AA287TA53	TS NO. 1807C	SHEET NO. 1 OF 2
CHECKED BY:	S.H.A. NO.		
SCALE: 1"= 30'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. F055	
DATE: 4-8-02	LOG MILE: 02017706.13		