US 29 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

13 — R3-4, 24" x 24"

14,20 — NO TURN ON RED — R10-11b, 24" x 24"

15 — TO EAST / MARYLAND 410 — ASSOCIATED SHIELD ASSEMBLY, 24" x 51"

16

17A,17B — Sligo Avenue — D3-2 (DUAL-FACED) VARIABLE X 16"

18 — ONLY — R3-5L, 30" x 36"

19

START CROSSING WATCH FOR TURNING CARS
DON'T START FINISH CROSSING IF STARTED
PEDESTRIANS SHOULD NOT BE IN CROSSWALK
R10-4C, 9" x 12"

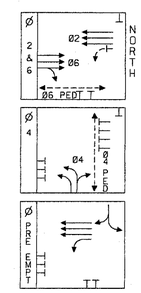
EXISTING SIGNALS

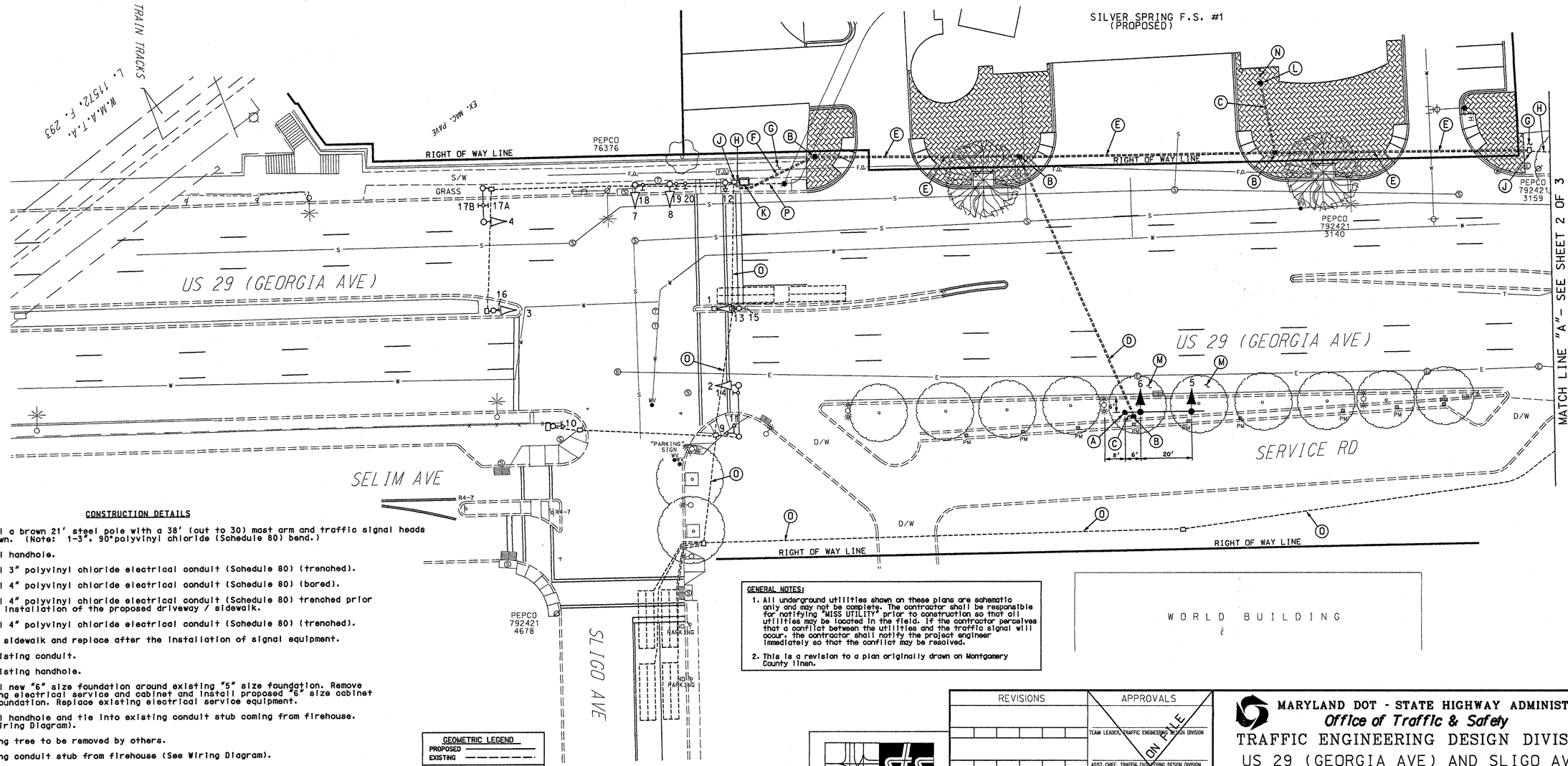
1,2,4,7,8: R Y G 12"
3: R Y G 12"
9-12: 12"

PROPOSED SIGNALS

5,6: R 12" Y 12" Y 8" (Black Faced)

PHASING





CONSTRUCTION DETAILS

A. Install a brown 21' steel pole with a 38' (out to 30) mast arm and traffic signal heads as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

B. Install handhole.

C. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

D. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

E. Install 4" polyvinyl chloride electrical conduit (Schedule 80) trenched prior to the installation of the proposed driveway / sidewalk.

F. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

G. Remove sidewalk and replace after the installation of signal equipment.

H. Use existing conduit.

J. Use existing handhole.

K. Install new "6" size foundation around existing "5" size foundation. Remove existing electrical service and cabinet and install proposed "6" size cabinet onto foundation. Replace existing electrical service equipment.

L. Install handhole and tie into existing conduit stub coming from firehouse. (See Wiring Diagram).

M. Existing tree to be removed by others.

N. Existing conduit stub from firehouse (See Wiring Diagram).

O. Existing conduit with 12-pair interconnect cable to be maintained.

P. Existing underground electrical service.

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. This is a revision to a plan originally drawn on Montgomery County linen.

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—

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REVISIONS	
1	10-28-03 REVISE FIRE PRE-EMPT. REPLACE CAB. & CONTR. SHA #
RRZ	

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

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

US 29 (GEORGIA AVE) AND SLIGO AVE / SILVER SPRING FIRE STATION #1

SHA#: PW5.88.M.83

DRAWN BY:	T.E.L.	F.A.P. NO.		TS NO. 4285A	SHEET NO. 1 OF 3
CHECKED BY:	J.C.R.	S.H.A. NO.			
SCALE:	1"= 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. F892	
DATE:	9-20-85	LOG MILE:	15002900.39		

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