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

EXISTING SIGNS

23 — R3-5 (B) 30" x 60"

26,29 — R3-5 30" x 36"

25,27 — R3-5R 30" x 36"

22,24 — Tech Road Rd — D3-2 VARIABLE X 16"

PROPOSED SIGNS

28 — R10-6 24" x 30"

30 — R3-6 30" x 36"

EXISTING SIGNALS

1,2,5,6 — 12"

3,4,7,8 — 12"

16-21 — 12"

PROPOSED SIGNALS

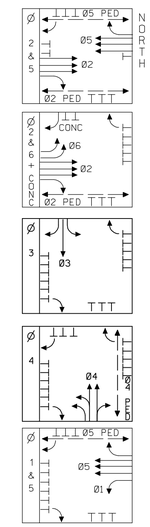
9,11,13,14 — 12"

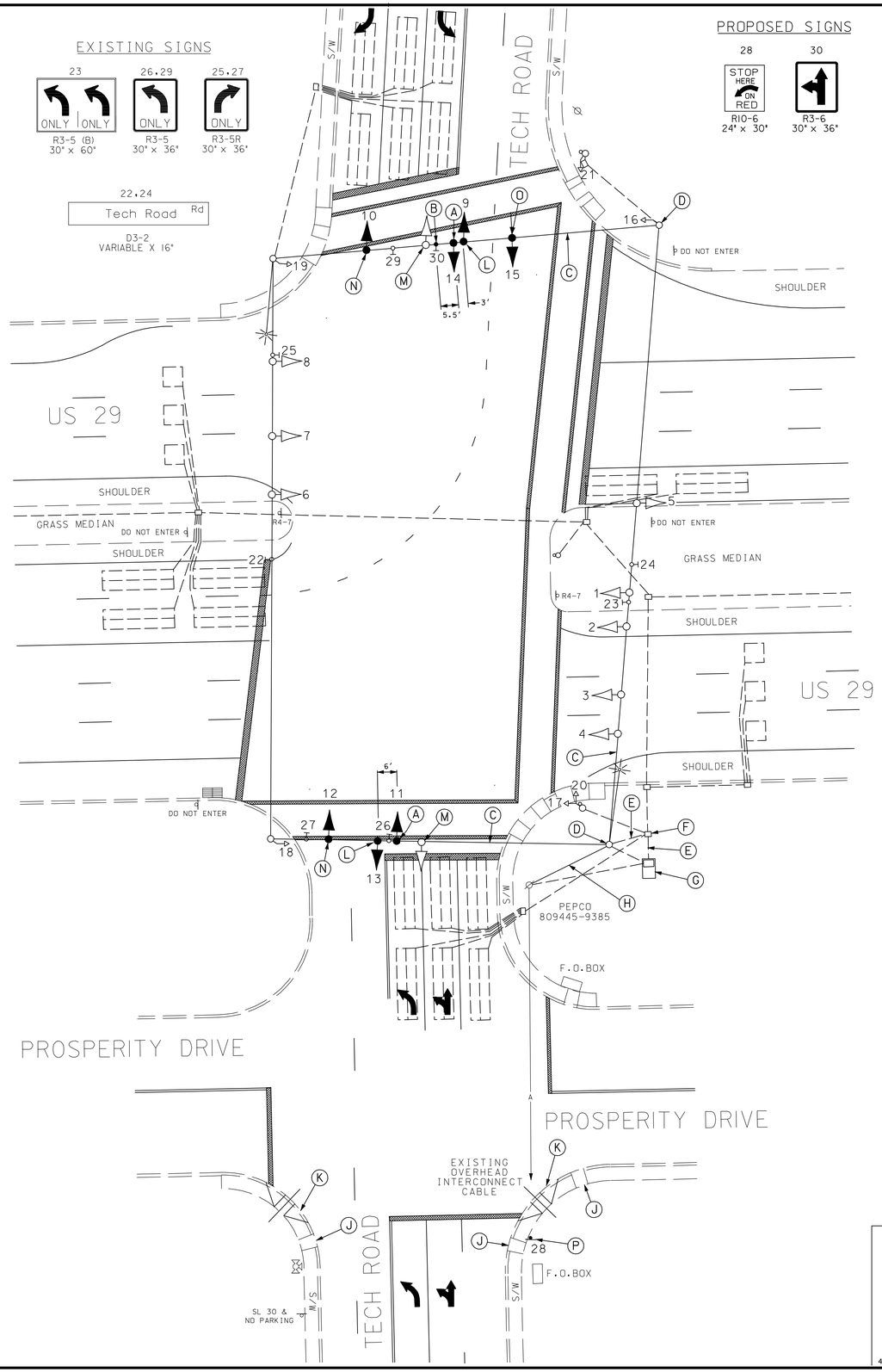
10,12 — 12"

15

(PROPOSED SIGNALS SHALL BE BLACK FACED)

PHASING





CONSTRUCTION DETAILS

A. Remove existing signal head and install 4 section signal head in same location.
(Note: Rewire with new 7 conductor cable and use 1/4" tether wire to tether 4 section signal heads).

B. Install overhead sign onto existing span wire as shown.

C. Use existing span wire.

D. Use existing strain pole.

E. Use existing conduit.

F. Use existing handhole.

G. Use existing base mounted cabinet and controller.

H. Existing overhead electrical service to be maintained by PEPCO.

J. Remove existing depressed curb / sidewalk and install proposed concrete curb / sidewalk.

K. Remove existing concrete curb / sidewalk and install proposed depressed curb and handicapped ramp.

L. Install signal head onto existing span wire as shown. (Note: Signal head to be tethered using 1/4" tether wire).

M. Remove existing span wire mounted signal head.

N. Remove existing signal head and install 5 section signal head in same location.
(Note: Use existing 7 conductor cable and tether signal head with 1/4" tether wire).

O. Remove existing signal head and install 3 section signal head in same location.
(Note use existing 5 conductor cable)

P. Install ground mounted sign as shown.

GENERAL NOTE:

1. All proposed pavement markings are shown on the Pavement Marking Plan (Sheet 2 of 3).

2. 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.

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

REVISION "B"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.,N.W.
Glen Burnie,MD 21061
Ph (410) 590-5520
Fax (410) 590-6637

4280.dgn

REVISIONS	
B	6-30-03 SPLIT SIDE STREET
RRZ	
A	December 7, 1993 New Geo. and Replace Side Rd Loops S.H.A. No.:
JKD	

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 (COLUMBIA PIKE) AND TECH ROAD

DRAWN BY:	S. KONKA	F.A.P. NO.		TS NO. 2272B	SHEET NO. 1 OF 3
CHECKED BY:	R. ZACHERL	S.H.A. NO.			
SCALE:	1"= 20'	COUNTY:	Montgomery	T.I.M.S. NO. F097	
DATE:	4-24-86	LOG MILE:	15002906.38		