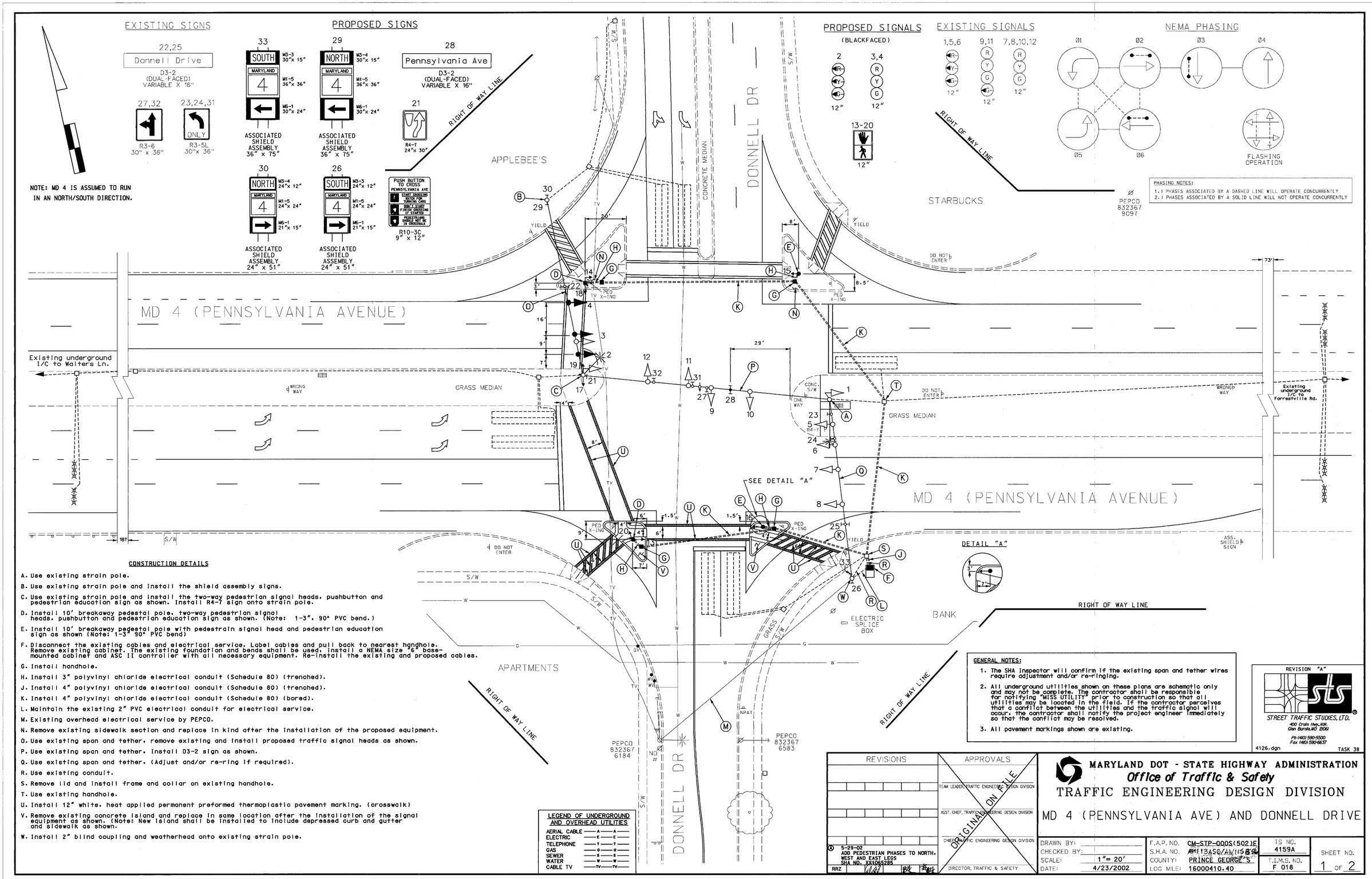

CONSTRUCTION DETAILS

A. Use existing strain pole.

B. Use existing strain pole and install the shield assembly signs.

C. Use existing strain pole and install the two-way pedestrian signal heads, pushbutton and pedestrian education sign as shown. Install R4-7 sign onto strain pole.

D. Install 10' breakaway pedestal pole, two-way pedestrian signal heads, pushbutton and pedestrian education sign as shown. (Note: 1-3", 90° PVC bend.)

E. Install 10' breakaway pedestal pole with pedestrain signal head and pedestrian education sign as shown (Note: 1-3" 90° PVC bend)

F. Disconnect the existing cables and electrical service. Label cables and pull back to nearest handhole. Remove existing cabinet. The existing foundation and bends shall be used, install a NEMA size "6" base-mounted cabinet and ASC II controller with all necessary equipment. Re-install the existing and proposed cables.

G. Install handhole.

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

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

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

L. Maintain the existing 2" PVC electrical conduit for electrical service.

M. Existing overhead electrical service by PEPCO.

N. Remove existing sidewalk section and replace in kind after the installation of the proposed equipment.

O. Use existing span and tether, remove existing and install proposed traffic signal heads as shown.

P. Use existing span and tether, install D3-2 sign as shown.

Q. Use existing span and tether, (Adjust and/or re-ring if required).

R. Use existing conduit.

S. Remove lid and install frame and collar on existing handhole.

T. Use existing handhole.

U. Install 12" white, heat applied permanent preformed thermoplastic pavement marking. (crosswalk)

V. Remove existing concrete island and replace in same location after the installation of the signal equipment as shown. (Note: New island shall be installed to include depressed curb and gutter and sidewalk as shown.

W. Install 2" blind coupling and weatherhead onto existing strain pole.

GENERAL NOTES:

1. The SHA Inspector will confirm if the existing span and tether wires require adjustment and/or re-ringing.
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.
3. All pavement markings shown are existing.

REVISION "A"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

4126.dgn

TASK 38

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

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

ORIGINAL ON FILE

A 5-29-02 ADD PEDESTRIAN PHASES TO NORTH, WEST AND EAST LEGS SHA NO. XX1065285 RRZ

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 4 (PENNSYLVANIA AVE) AND DONNELL DRIVE

DRAWN BY:		F.A.P. NO.	CM-STP-000S(502)E	TS NO. 4159A	SHEET NO.
CHECKED BY:		S.H.A. NO.	AW1345C/AW1158		1 OF 2
SCALE:	1"= 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. F 018	
DATE:	4/23/2002	LOG MILE:	16000410.40		