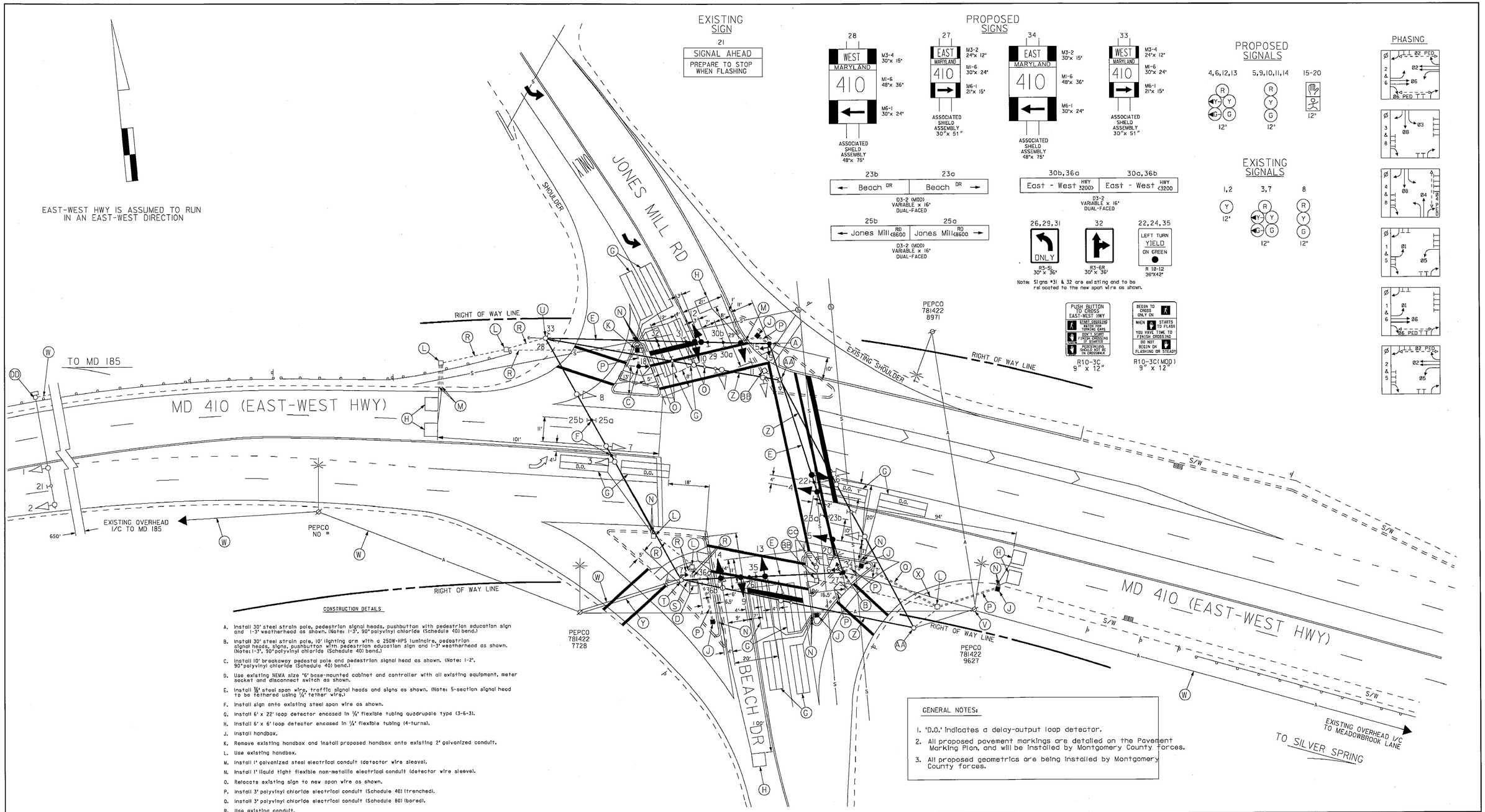

CONSTRUCTION DETAILS

A. Install 30' steel strain pole, pedestrian signal heads, pushbutton with pedestrian education sign and 1-3" weatherhead as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 40) bend.)

B. Install 30' steel strain pole, 10' lighting arm with a 250W-HPS luminaire, pedestrian signal heads, signs, pushbutton with pedestrian education sign and 1-3" weatherhead as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 40) bend.)

C. Install 10' breakaway pedestal pole and pedestrian signal head as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 40) bend.)

D. Use existing NEMA size '6' base-mounted cabinet and controller with all existing equipment, meter socket and disconnect switch as shown.

E. Install 3/8" steel span wire, traffic signal heads and signs as shown. (Note: 5-section signal head to be tethered using 1/4" tether wire.)

F. Install sign onto existing steel span wire as shown.

G. Install 6' x 22' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

H. Install 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).

J. Install handbox.

K. Remove existing handbox and install proposed handbox onto existing 2" galvanized conduit.

L. Use existing handbox.

M. Install 1" galvanized steel electrical conduit (detector wire sleeve).

N. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

O. Relocate existing sign to new span wire as shown.

P. Install 3" polyvinyl chloride electrical conduit (Schedule 40) (trenched).

Q. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).

R. Use existing conduit.

S. Existing conduit (for electrical service).

T. Install backguy onto existing strain pole during construction and install pedestrian signal head, and 3" weatherhead as shown. (Remove backguy upon completion of work.)

U. Install backguy onto existing strain pole during construction and install signs as shown. (Remove backguy upon completion of work.)

V. Pull back existing overhead interconnect cable from the controller/cabinet to the PEPCO pole and reroute across new span wire and into the controller/cabinet as shown.

W. Existing overhead interconnect cable.

X. Relocated overhead interconnect cable.

Y. Existing overhead electrical service by PEPCO.

Z. Remove existing span wire and all existing equipment as shown.

AA. Remove existing steel strain pole as shown. (Cap and abandon existing conduit.)

BB. Remove existing handbox.

CC. Remove existing pedestal pole. (Cap and abandon existing conduit.)

DD. Existing Hazard Identification Beacon.

GENERAL NOTES:

1. 'D.O.' indicates a delay-output loop detector.
2. All proposed pavement markings are detailed on the Pavement Marking Plan, and will be installed by Montgomery County forces.
3. All proposed geometrics are being installed by Montgomery County forces.

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

REVISION "B"

STREET TRAFFIC STUDIES, LTD.

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REVISIONS

C	2-6-98 ELIMINATE WB CHANNELIZED R/T LANE AND REPLACE POLES, PED. MOVEMENTS AND LOOPS. SHA NO.
SHA	
B	2/95 BY MCDOT MODIFIED TO ADD E/P LT PHASES FOR EB & WB EAST WEST HIGHWAY
A	100% RECONSTRUCT. M-411-509-317 FAP # MG-5008(5) 12/86
IDCD	5722 TH

APPROVALS

ASST. CHIEF TEDD SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL SIGN FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 410 (EAST-WEST HWY) AND JONES MILL RD / BEACH DR

DRAWN BY: W.J.NIES	COUNTY: MONTGOMERY	TS NO. 2135 C	SHEET NO.
CHECK BY: R.R.Z.	LOG MILE: 15041001.88		
DATE:	F.A.P. NO.	T.I.M.S. NO. C 716	OF
SCALE: 1" = 20'	S.H.A. NO.		