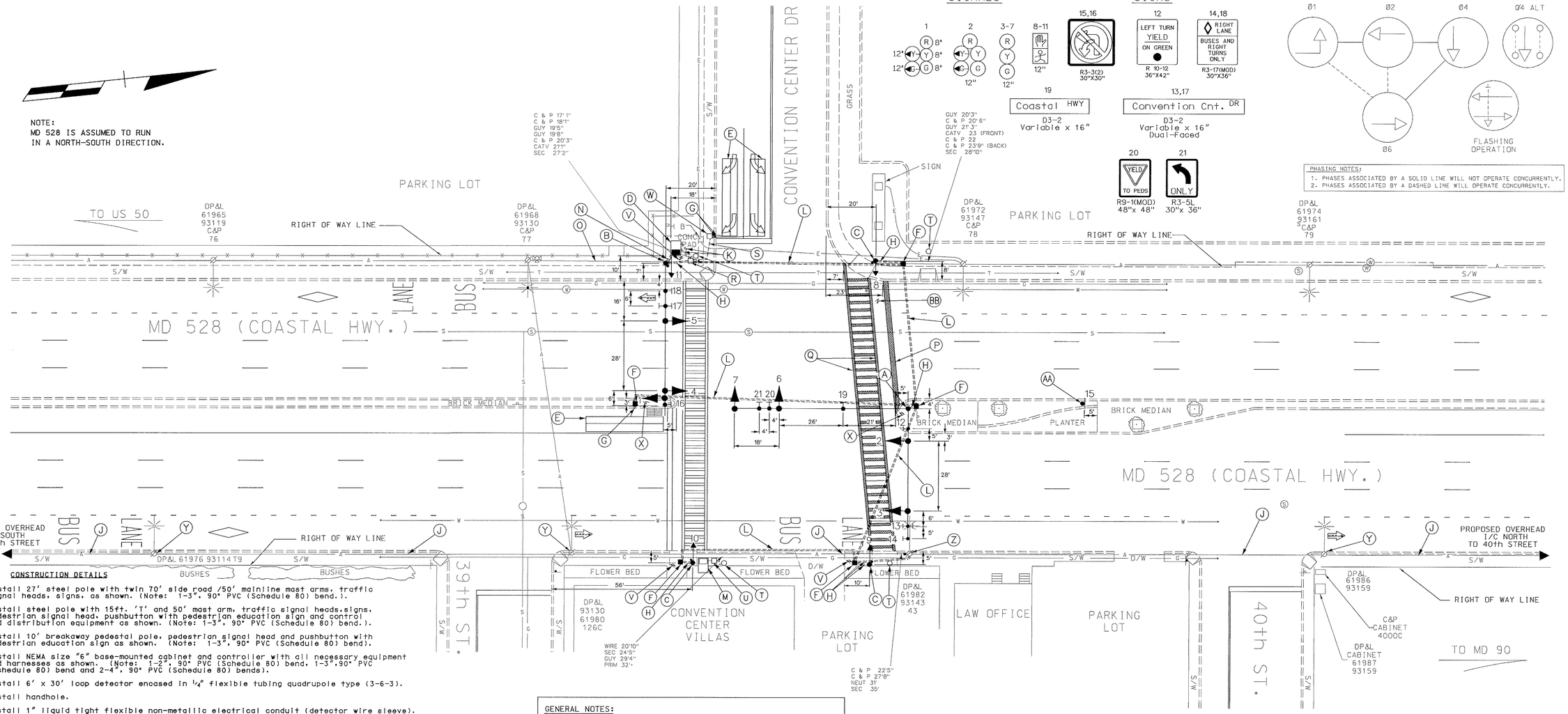
NOTE:
MD 528 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION.



CONSTRUCTION DETAILS

A. Install 27' steel pole with twin 70' side road /50' mainline mast arms, traffic signal heads, signs, as shown. (Note: 1-3", 90° PVC (Schedule 80) bend.).

B. Install steel pole with 15ft. 'T' and 50' mast arm, traffic signal heads,signs, pedestrian signal head, pushbutton with pedestrian education sign and control and distribution equipment as shown. (Note: 1-3", 90° PVC (Schedule 80) bend.).

C. Install 10' breakaway pedestal pole, pedestrian signal head and pushbutton with pedestrian education sign as shown. (Note: 1-3", 90° PVC (Schedule 80) bend).

D. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment and harnesses as shown. (Note: 1-2", 90° PVC (Schedule 80) bend, 1-3",90° PVC (Schedule 80) bend and 2-4", 90° PVC (Schedule 80) bends).

E. Install 6' x 30' loop detector encased in ¼" flexible tubing quadrupole type (3-6-3).

F. Install handhole.

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

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

J. Remove existing and Install new overhead 12 pair communication cable from the Convention Center Drive. South to the cabinet at 38th Street and north to the cabinet at 40th Street using the existing through bolts. (See wiring diagram)

K. Install 4" PVC electrical conduit (Schedule 80) (trenched).

L. Install 4" PVC electrical conduit (Schedule 80) (slotted).

M. Remove existing cabinet and controller and foundation 12 in. below grade. Cabinet and controller shall be delivered to the SHA.

N. Install 2" PVC electrical conduit (Schedule 80) (trenched) for electrical service.

O. Proposed overhead electrical service by Conectiv.

P. Install 24" white, heat applied preformed thermoplastic pavement marking.(Stopline).

Q. Install 12" white, heat applied preformed thermoplastic pavement marking.(Crosswalk).

R. Use existing handhole.

S. Use existing conduit.

T. Remove existing strain pole, foundation 12" below grade and all attached traffic and pedestrain signal equipment.

U. Remove existing handhole,cap and abandon existing conduit.

V. Remove existing sidewalk and replace after the installation of the signal equipment.

W. Use existing handhole, wire existing loop wire to new 2-conductor aluminum shielded.

X. Remove and replace the existing ornamental brick median after the installation of signal equipment.

Y. Use existing DPL pole for the installation of overhead interconnect cable.

Z. Install 3" riser and 3" bend to existing DPL pole for the installation of the interconnect cable.

AA. Install ground mounted sign.

BB. Remove existing stopline and crosswalk pavement marking (not shown on the plan.)

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 this plan should not be construed as representing all underground utilities in the area.

2. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.

3. Unless otherwise noted the right of way line is assumed to be at the back edge of the sidewalk.

4. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.

5. The loop detectors and conduit shall be installed prior to the installation of the pavement markings.

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 "G"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.N.W.
Glen Burnie,MD 21061
Ph (410) 590 5500
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PT47.DGN

REVISIONS

© RECONSTRUCT SIGNAL TO MAST ARM SHA NO. XX1005185	12-12-00	
EMM		BDL
F ASBUILT	11-9-92	BDL
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
MD 528 (COASTAL HIGHWAY)
AND CONVENTION CENTER DRIVE

DRAWN BY:	LES TOWNSEND	F.A.P. NO.	FAP-U-917-1(1)	TS NO.	SHEET NO.
CHECKED BY:	AB LT	S.H.A. NO.	W0758A58 1B58	575G	1 OF 2
SCALE:	1"= 20'	COUNTY:	WORCESTER	T.I.M.S. NO.	
DATE:	5-9-72	LOG MILE:	23052805.99	E 171	

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