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

PROPOSED SIGNS

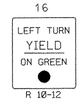
17,19,21,23

R3-14(mod)
30" X 36"

18,20,22

R3-1(L)
24" x 24"

16



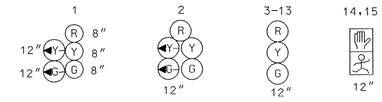
R 10-12
36"X42"

24,25

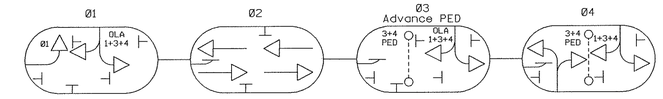
D3-2
Variable x 16"
(sign 25 is dual faced)

PROPOSED SIGNALS

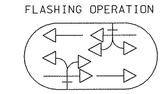
(Black Faced)



NEMA PHASING

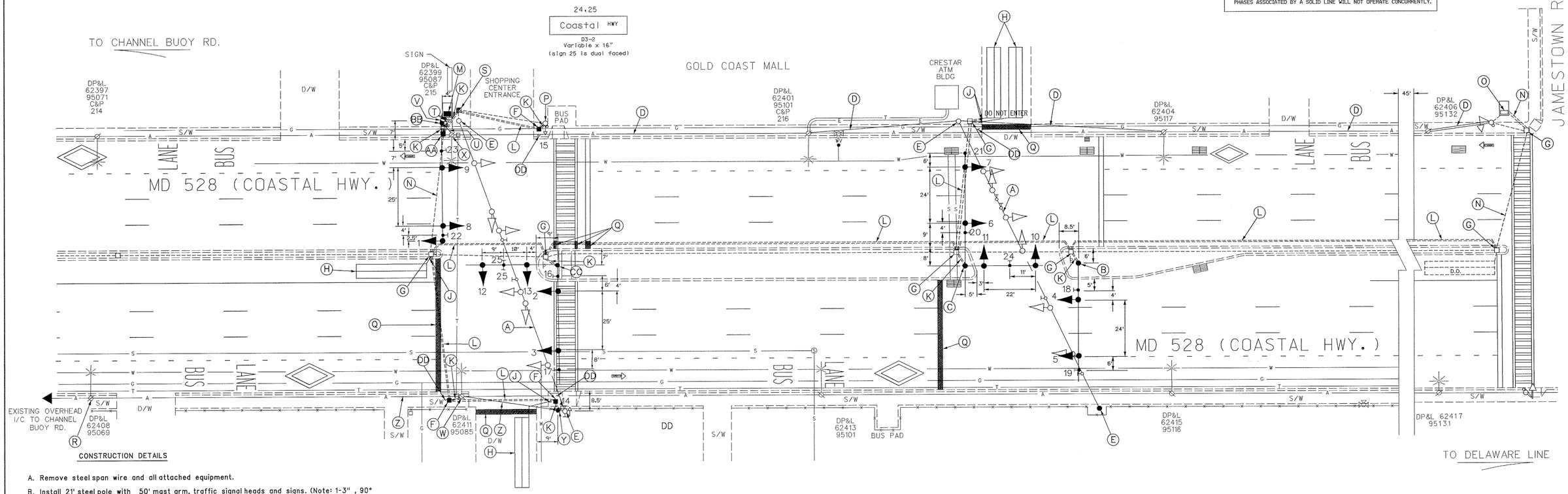


FLASHING OPERATION



PHASING NOTE:

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. Remove steel span wire and all attached equipment.

B. Install 21' steel pole with 50' mast arm, traffic signal heads and signs. (Note: 1-3" , 90° polyvinyl chloride (Schedule 80) bend.). Remove and replace decorative brick

C. Install 21' steel pole with twin 50'-50' mast arms (one arm cut to 32'), traffic signal heads, and signs, as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)Remove and replace decorative brick.

D. Remove existing span wire with interconnect cable and associated wiring.

E. Remove existing strain pole and all attached equipment. (Cap and abandon attached conduit, remove the foundation 12" below grade)

F. Install handhole.

G. Use existing handhole.

H. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

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

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

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

M. Disconnect existing interconnect cable, pull back to utility pole (detailed 'R'). Remove existing base-mounted cabinet/controller, cut and remove old cables and install proposed base-mounted cabinet/controller with all necessary equipment utilizing the existing concrete foundation and bends as shown. (Note: 1-4", 90° polvinyl choride (Schedule 80) bends shall be installed into the cabinet foundation.

N. Use existing conduit.

O. Use existing base-mounted cabinet.

P. Use existing pedestal pole. (Install and rewire new pedestrian signal head and pushbutton).

Q. Install new and/or repair existing pavement marking as shown.

R. Use existing utitily pole for the pulling back and re-routing the existing interconnect cable, as shown.

S. Use existing handhole, replace frame and cover.

CONTRUCTION DETAILS cont.

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

U. Proposed overhead electrical service.

V. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

W. Use existing utility pole to re-route the existing interconnect. Install 3" PVC 90° bend, 3" weatherhead, and 3" PVC riser.

X. Remove existing interconnect cable, Install proposed overhead service.

Y. Install 10' pedestal pole, pedestrain signal head, pushbutton and signs. (Note: 1- 3" PVC 90° bend).

Z. Pull back existing interconnect cable and re-route as shown on the wiring diagram.

AA. Install new handhole into existing conduit run. Remove and replace existing concrete sidewalk.

BB. Remove existing handhole. Install 21' steel pole with 50' mast arm, traffic signal heads and signs as shown (Note: 1-3" and 1- 2" PVC 90° bend).

CC. Install 21' steel pole with twin 50'/50' mast arm (one cut to 38'), traffic signal heads and signs (Note: 1- 3" PVC 90° bend). Remove and replace decorative brick.

DD. Remove and replace existing concrete sidewalk.

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

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.

REVISION "D"

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

TASK-2B.DGN

REVISIONS

D	12-30-99 REBUILD EXISTING TRAFFIC SIGNALS SHA NO.: XX1005185			
R.R.Z.				
C	2-16-84 INSTALL 6' x 30' QUADRUPOLE LOOP DETECTOR SHA NO.: 528-506-185			
D.L.A.				
B	6-28-82 ADD INTERCONNECT TO CO-ORDINATE CHANNEL BOUY ROAD. SHA NO.: 528-506-185			
S.R.				
A	8-10-82 ASBUILT SHA NO.: 528-451-195			
S.R.				

APPROVALS

ASST. CHIEF TEDD SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

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 HWY.) AND GOLD COAST MALL

DRAWN BY: H. KILIAN	COUNTY: WORCESTER	TS NO. 1823D	SHEET NO.
CHECK BY:	LOG MILE: 2352802:19		1 OF 2
DATE: 5-1-81	F.A.P. NO.	T.I.M.S. NO. C-419	
SCALE: 1" = 20'	S.H.A. NO. W0158A53/B53		