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

EXISTING SIGNS

14	11	13,16
U TURN YIELD ON GREEN	LEFT TURN YIELD ON GREEN	RIGHT LANE BUSES AND RIGHT TURNS ONLY
R 10-12(MOD) 36"X42"	R 10-12 36"X42"	30" X 42"

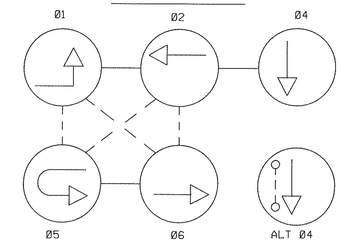
NOTE:
All existing signs shown are to be removed from the existing spans and are to be reused on the new spans as shown.

PROPOSED SIGNS

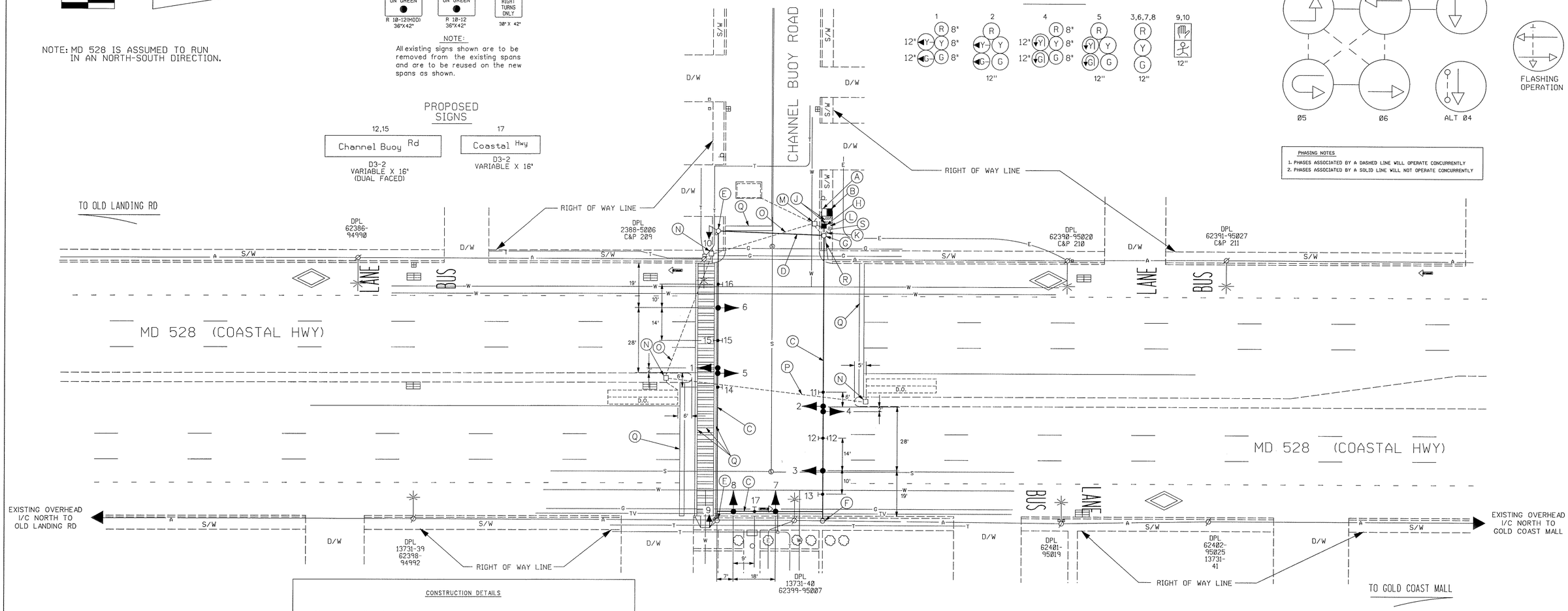
12,15	17
Channel Buoy Rd	Coastal Hwy
D3-2 VARIABLE X 16" (DUAL FACED)	D3-2 VARIABLE X 16"

PROPOSED SIGNALS

NEMA PHASING



PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. Disconnect existing wiring in cabinet. Pull back existing interconnect cables from cabinet and across the existing spans looping the interconnect going north onto the strain pole on the northeast quadrant and looping the interconnect going south onto the strain pole on the southeast quadrant. Remove cabinet, controller and foundation. Cap and abandon existing conduit.

B. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: 2-2", 90° polyvinyl chloride (Schedule 80) bends and 2-4", 90° polyvinyl chloride (Schedule 80) bends)

C. Remove existing span wire, signs, traffic signal heads and associated wiring and install new span wire and traffic signal heads as shown. Note: Existing signs are to be removed from existing spans and installed onto new span wire as shown. All signals and signs (except for D3-2 sign) are to be tethered using 1/4" tether cable.

D. Remove existing span wire and install new span wire as shown.

E. Remove existing pedestrian signal from steel strain pole and install new in existing location as shown.

F. Use existing steel strain pole.

G. Install 3" bend into existing pole base. (Cap and abandon existing conduit.)

H. Install handhole. Extend existing 4" galvanized conduit crossing under Channel Buoy to this handhole using 4" polyvinyl chloride (Schedule 80) conduit.

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

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

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

M. Remove existing handhole. It will be determined in the field if the lead-in from the presense loop on Channel Buoy Road can be re-routed into the proposed cabinet or if a new loop must be installed. (See Detail 'H' for further direction.)

N. Use existing handhole.

O. Use existing 4" galvanized steel conduit.

P. Use existing 1 1/2" galvanized steel conduit.

Q. Install pavement markings in their existing location as shown.

R. Existing overhead electrical service by DP&L.

S. Remove existing sidewalk and replace after proposed signal equipment is installed.

GENERAL NOTES:

A. The existing traffic signal is to be turned off prior to its modification. The District is to install temporary "STOP" signs on the sidestreets.

B. All stoplines and crosswalks are to be replaced at thier present location.

C. This is a revision to the existing traffic signal built in 1976.

D. "D.O." indicates delay output loop detector.

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 'E'

STREET TRAFFIC STUDIES, LTD.

Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
(410) 859-3553

TASK2CSPAN.DGN

REVISIONS

E	12-15-97 REPLACE SPAN WIRE AND SIGNALS	
	SHA NO.:	
	RRZ	SCK 7/1/99
D	5/84 REFER TO SPECIAL PROVISIONS	
	SHA NO.: AW-678-501-085	
	DA	
C	6/10/82 ADD I/C TO WORK WITH JAMESTOWN, GOLD COAST MALL. NEW CONTROLLER	
	SHA NO.: AW-528-506-185	
	SR	
B	1981 REVISED PHASING - E/P LEFT TURNS AND DETECTORS	
	SHA NO.:	
	SR	

APPROVALS

ASST. CHIEF TEDD SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL IN FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 528 AND CHANNEL BUOY ROAD

DRAWN BY: SERIO & KAPLAN	COUNTY: WORCESTER	TS NO.	SHEET NO.
CHECK BY:	LOG MILE: 23052802.34		
DATE: JUNE 18, 1976	F.A.P. NO.	T.I.M.S. NO.	2 OF 5
SCALE: 1" = 20'	S.H.A. NO.	1430E	