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

EXISTING SIGNS

16 — RIGHT LANE / BUSES AND RIGHT TURNS ONLY — 30" X 36"

17 — ONLY — R3-5(L) 30"X36"

11 — LEFT TURN YIELD ON GREEN — R 10-12 36"X42"

14 — U TURN YIELD ON GREEN — R 10-12(MOD) 36"X42"

PROPOSED SIGNS

13 — RIGHT LANE / BUSES AND RIGHT TURNS ONLY — 30" X 42"

15 — Jamestown Rd — D3-2 Variable x 16" (DUAL FACED)

12 — Jamestown Rd — D3-2 Variable x 16" (DUAL FACED)

18 — Coastal Hwy — D3-2 Variable x 16"

PROPOSED SIGNALS

9,10 — 12"

5 — 12"

4 — 12" 8" 8" 8"

2 — 12"

1 — 12" 8" 8" 8"

3,6,7,8 — 12"

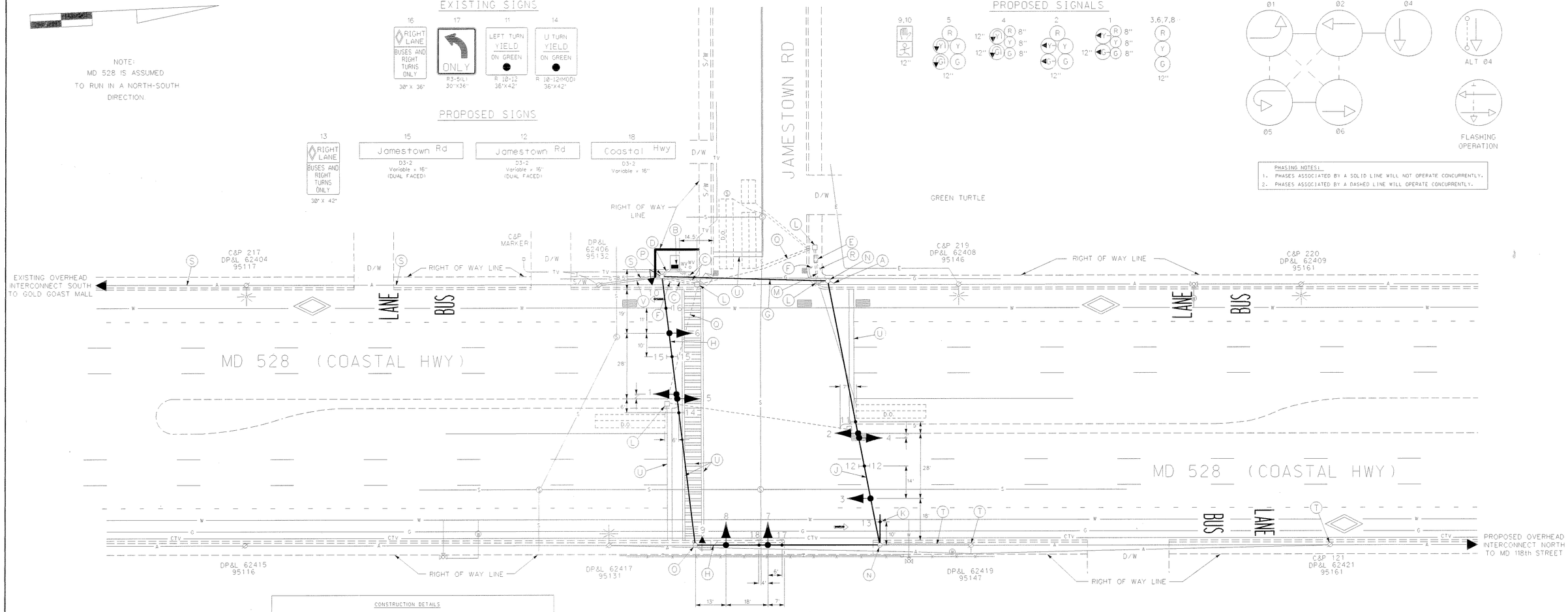
NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6

ALT Ø4

FLASHING OPERATION

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



CONSTRUCTION DETAILS

A. Disconnect existing overhead electrical service.

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

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

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

E. Disconnect existing wiring in cabinet. Pull back existing interconnect cables as follows: The interconnect cable from the south shall be pulled back to the strain pole on the southwest quadrant and rerouted into the proposed cabinet. The interconnect cable running north shall be replaced entirely. Remove existing cabinet and controller. Cap and abandon existing conduits.

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

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

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

J. Remove existing span wire, signs, traffic signal heads and associated wiring and install new span wire, traffic signal heads and sign as shown. Note: Existing sign #11 is to be removed from the existing span and installed onto new span wire as shown. All signals and signs (except for D3-2 sign) is to be tethered using 1/4" tether cable.

K. Install sign onto existing short mast arm as shown.

L. Use existing handhole.

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

N. Use existing steel strain pole.

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

P. Remove existing pedestrian signal head from steel strain pole. Install meter socket, disconnect switch, 3" weatherhead, 1 1/4" weatherhead, 1 1/4" riser and pedestrian signal head as shown. Note: Install 1-4", 90° polyvinyl chloride (Schedule 80) bend and 1-2", 90° polyvinyl chloride (Schedule 80) bend into existing pole base.

Q. Use existing 4" galvanized steel conduit.

R. Cap and abandon existing 2" conduit.

S. Existing overhead interconnect cable running south to Gold Coast Mall. (See Contruction Detail 'E')

T. Remove existing interconnect cable running north and replace in kind to the cabinet at the intersection of MD 528 and MD 118th Street.

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

V. Proposed overhead electrical service by D.P.&L.

UTILITY LEGEND

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

GENERAL NOTES:

1. The existing traffic signal is to be turned off prior to it's modification. The District is to install temporary "STOP" signs on the side streets.
2. All stoplines and crosswalks are to be replaced at their present location.
3. This is a revision to the existing traffic signal built in 1976.
4. "D.O." indicates delay output loop detector.

REVISION "E"

STREET TRAFFIC STUDIES, LTD.
Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
(410) 859-3553

TASK2ASPAN.DGN

REVISIONS

E	12-15-97	RELOCATE CABINET, REPLACE SIGNAL HEADS, WIRING
D	10/88	ADD SOUTHBOUND "U" TURN FOR MD 528
C	7/85	REVISED LOOP DETECTION

SHA NO. WO-642-501-176
SHA NO. WO-855-25001
RRZ RFL DAB

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 AT JAMESTOWN RD

DRAWN BY: ROBERT LIGON	COUNTY: WORCESTER	TS NO. 1554-E	SHEET NO.
CHECK BY:	LOG MILE: 23052802.09		
DATE: 10/88	F.A.P. NO.	T.I.M.S. NO.	3 OF 5
SCALE: 1"=20'	S.H.A. NO. WO-544-501-185		