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

EXISTING SIGNS

19.22 — RIGHT LANE / BUSES AND RIGHT TURNS ONLY — 30" x 42"

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

18.21 — 94TH Street — D3-2 Variable x 16" (DUAL FACED)

23.26 — Coastal Hwy — D3-2 Variable x 16" (DUAL FACED)

24 — ONLY / ONLY — 90" x 36"

25.27 — YIELD TO PEDS — SPECIAL SIGN

PROPOSED SIGN

19a.22a — BUSES BIKES RIGHT TURNS ONLY — 36"x 42"

PROPOSED SIGNALS

13.14.15.16 — CLAM SHELL 16" PEDESTRIAN COUNTDOWN SIGNAL "LED" TYPE

11.12 — CLAM SHELL 16" PEDESTRIAN SIGNAL "LED" TYPE

EXISTING SIGNALS TO BE REMOVED

11-16 — 12"

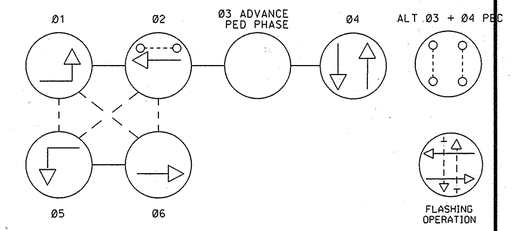
EXISTING SIGNALS

2.5 — 12"

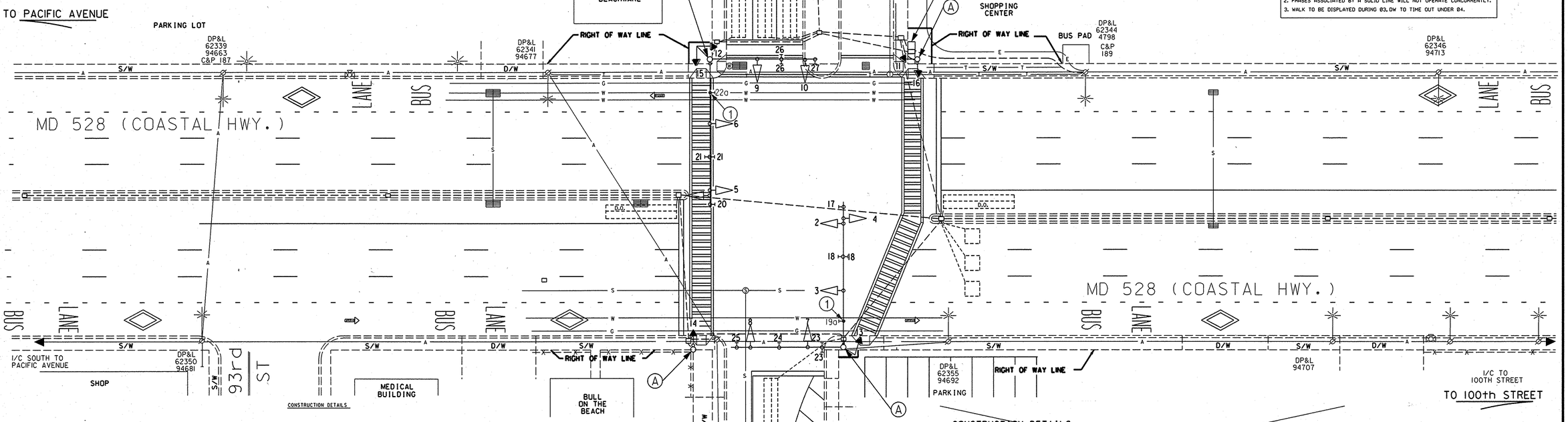
3.6-10 — 12"

1.4 — 12" 8" 12" 8"

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.
3. WALK TO BE DISPLAYED DURING Ø3.0W TO TIME OUT UNDER Ø4.



PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF "LED" COUNTDOWN PEDESTRIAN SIGNALS FOR THE MD 528 CROSSINGS. THERE WILL BE NO CHANGES IN THE INTERSECTION PHASING OPERATION. (Note: The existing pedestrian signals must remain in operation until after July 1, 2003 due to a traffic study involving the existing pedestrian signals)

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8000	2 EA	FURNISH AND INSTALL "LED" TYPE CLAMSHELL PEDESTRIAN SIGNAL 16" USE EXISTING WIRE
8000	4 EA	FURNISH AND INSTALL "LED" TYPE CLAMSHELL PEDESTRIAN COUNTDOWN SIGNAL USE EXISTING WIRE
8048	0 EA	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT PER ASSIGNMENT (Note: quantity included on US 50 at Division Street plan)

B. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

C. EQUIPMENT TO BE RETURNED TO SHA
NONE
ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR

CONSTRUCTION DETAILS

A. REMOVE EXISTING PEDESTRIAN SIGNALS. INSTALL NEW "LED" COUNTDOWN TYPE PEDESTRIAN SIGNAL USING EXISTING WIRE
B. USE EXISTING CABINET AND CONTROLLER.

CONSTRUCTION DETAILS

① REMOVE EXISTING LANE RESTRICTION SIGN AND INSTALL NEW SIGN AT SAME LOCATION ON MAST ARM AS SHOWN.

GENERAL NOTES:

1. This is a revision to the existing traffic signal built in 1976.
2. The existing pedestrian signals shall remain in operation until after July 1, 2003 due to a traffic study bieng done at this time.

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

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FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

REVISIONS

(H) INSTALL RESTRICED RIGHT LANE SIGNS — SHA# AT9095185 — 7-14-08 — JKS
(G) INSTALL PEDESTRIAN COUNTDOWN SIGNALS ACROSS MAINLINE — XX1065185 — TIMS # F657 — 5/2003 — JLW MAR BRK
(F) 12-15-1997 RECONSTRUCT EXISTING SIGNAL USING MAST ARMS — SHA NO.: RRZ MAR DAZ BRK JW

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 HWY.) AND 94th STREET

DRAWN BY: M. SCHNEIDER	F.A.P. NO.	TS NO. 1270G	SHEET NO.
CHECKED BY:	S.H.A. NO.		
SCALE: 4-13-76	COUNTY: WORCESTER	T.I.M.S. NO. I673	28 OF 46
DATE: 1" = 20'	LOG MILE: 23052802.97		

TOD No. AT909-32
SHA No. WO442A55/C55