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

EXISTING SIGNS TO REMAIN

14,17 — 142nd STREET

15,18 — RIGHT LANE / BUSES AND RIGHT TURNS ONLY — R3-17(MOD) 30"x42"

19 — ONLY | ONLY | ONLY

EXISTING SIGNS TO BE REMOVED

13,16 — LEFT TURN YIELD ON GREEN

PROPOSED AUDIBLE PUSHBUTTON AND SIGN

21,23 — PUSH BUTTON TO CROSS Coastal Hwy; PUSH BUTTON WHEN GATE DOWN; WAIT FOR WALK SIGNAL; PEDESTRIAN SHOULD NOT BE IN ROADWAY; Coastal Hwy at WHALE

R10-4(1) 9"x12"

20,22 — PUSH BUTTON TO CROSS Coastal Hwy; PUSH BUTTON WHEN GATE DOWN; WAIT FOR WALK SIGNAL; PEDESTRIAN SHOULD NOT BE IN ROADWAY; Coastal Hwy at WHALE

PROPOSED SIGNS

18a — BUSES BIKES RIGHT TURNS ONLY — 36"x 42"

15a — END BUSES BIKES RIGHT TURNS ONLY — 36"x 42"

23 — EVACUATION ROUTE — 24" x 24"

EXISTING SIGNALS TO REMAIN

1,3 — R, Y, G — 12"

2,4-8 — R, Y, G — 12"

EXISTING SIGNALS TO BE REMOVED

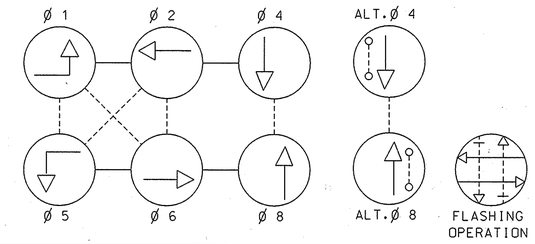
9-12 — 12"

PROPOSED SIGNALS

(BLACK FACED)

9-12 — 16" LED WITH COUNTDOWN

NEMA PHASING



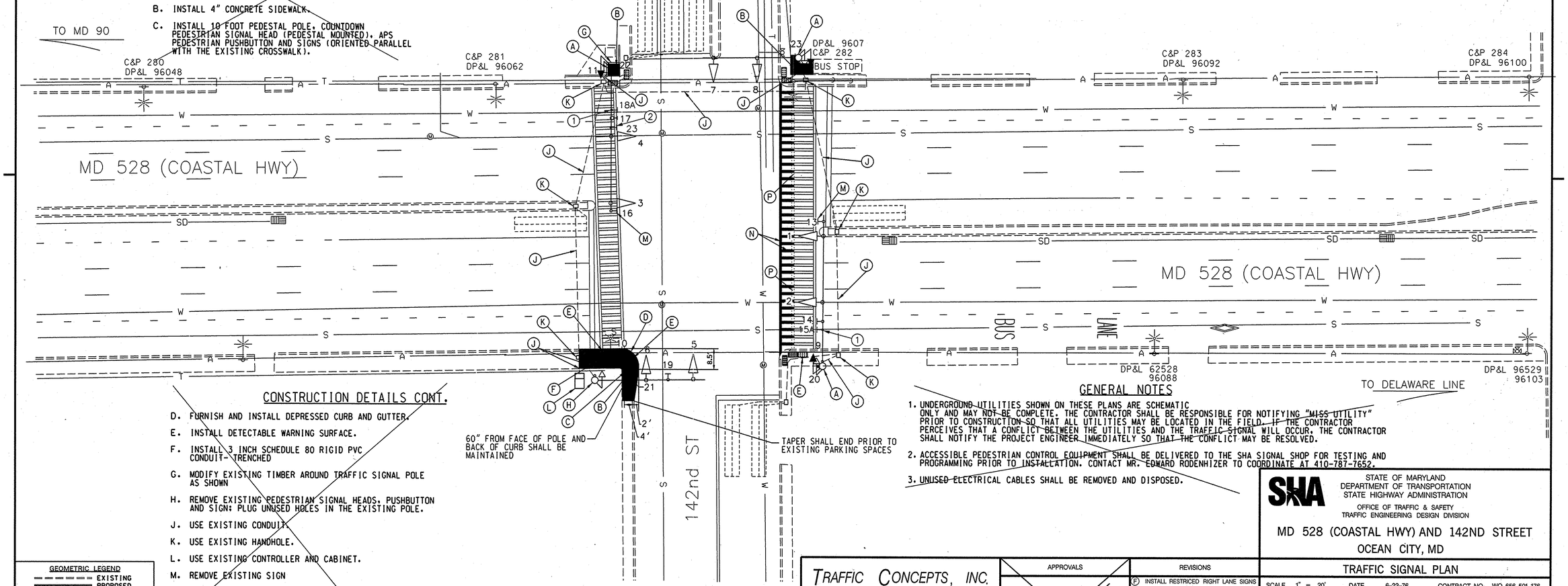
PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

A. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN; INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD (SIDE OF POLE MOUNTED); INSTALL APS PEDESTRIAN PUSHBUTTON AND SIGNS (ORIENTED PARALLEL WITH THE EXISTING CROSSWALK); PLUG UNUSED HOLES IN THE EXISTING POLE.

B. INSTALL 4" CONCRETE SIDEWALK.

C. INSTALL 10 FOOT PEDESTAL POLE. COUNTDOWN PEDESTRIAN SIGNAL HEAD (PEDESTAL MOUNTED). APS PEDESTRIAN PUSHBUTTON AND SIGNS (ORIENTED PARALLEL WITH THE EXISTING CROSSWALK).



CONSTRUCTION DETAILS CONT.

D. FURNISH AND INSTALL DEPRESSED CURB AND GUTTER.

E. INSTALL DETECTABLE WARNING SURFACE.

F. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED

G. MODIFY EXISTING TIMBER AROUND TRAFFIC SIGNAL POLE AS SHOWN

H. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN; PLUG UNUSED HOLES IN THE EXISTING POLE.

J. USE EXISTING CONDUIT.

K. USE EXISTING HANDHOLE.

L. USE EXISTING CONTROLLER AND CABINET.

M. REMOVE EXISTING SIGN

N. FURNISH AND INSTALL 12" HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS

P. REMOVE EXISTING PAVEMENT MARKING

GENERAL NOTES

1. UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

2. ACCESSIBLE PEDESTRIAN CONTROL EQUIPMENT SHALL BE DELIVERED TO THE SHA SIGNAL SHOP FOR TESTING AND PROGRAMMING PRIOR TO INSTALLATION. CONTACT MR. EDWARD RODENHIZER TO COORDINATE AT 410-787-7652.

3. UNUSED ELECTRICAL CABLES SHALL BE REMOVED AND DISPOSED.

CONSTRUCTION DETAILS

① REMOVE EXISTING LANE RESTRICTION SIGN AND INSTALL NEW SIGN AT SAME LOCATION ON MAST ARM AS SHOWN.
② INSTALL EXISTING EVACUATION ROUTE SIGN TO MAST ARM AS SHOWN.

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND

SD	SD	STORM DRAIN
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
T	T	TELEPHONE CABLES
F	F	FIBER-OPTIC

BY: Owner

TRAFFIC CONCEPTS, INC.
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FAX: (410) 923-6473
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APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
(F) INSTALL RESTRICED RIGHT LANE SIGNS 7-14-08 SHA NO.: AT8095185 MR
(E) INSTALL COUNTDOWN PED SIGNALS WITH APS PUSHBUTTONS AND SIGNS SHA NO.: AT3555185 DAE 1-31-06
(D) INSTALL THREE LOOP DETECTORS ON E.B. 142ND ST. CRS 10-30-91

PLOTTED: Tuesday, July 15, 2008 AT 11:10 AM
FILE: L:\1500\1566\Task 123- MD 528\Dgn\OC DGN FILES\MD528 @ 142nd_pl.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 528 (COASTAL HWY) AND 142ND STREET
OCEAN CITY, MD

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 6-22-76 CONTRACT NO. WO-656-501-176

DESIGNED BY
DRAWN BY
CHECKED BY
FAP NO.
COUNTY WORCESTER
LOGMILE 23052800.27
TIMS NO. 1673
TOD NO.

TS NO. 1436 F DRAWING OF SHEET NO. 42 OF 46

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