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

EXISTING SIGNS TO REMAIN

22a.26a 48th Street ⇨ ⇦ 22b.26b 48th Street
D3-2 (DUAL FACED) VARIABLE X16"

23.27 RIGHT LANE BUSES AND RIGHT TURNS ONLY
R3-17(MOD) 30"x42"

24 R3-2 30" x 30"

25 49th Street ⇨
D3-2 VARIABLE X16"

28.29 Coastal Hwy
D3-2 VARIABLE X16"

EXISTING SIGNS TO BE REMOVED

37.38 LEFT TURN YIELD ON GREEN
R10-12 36"x 42"

PROPOSED SIGNS

23a.27a.37.38 BUSES BIKES RIGHT TURNS ONLY
36"x 42"

PROPOSED AUDIBLE PUSHBUTTON AND SIGN

30.33.34 31.32.35 36
R10-4(1) 9"x12"

EXISTING SIGNALS TO REMAIN

1.8 2.9
12" 8" 12" 8" 12"

3.4.5.6.7.10.11.12.14.15 13 16.21
12" 8" 16" LED WITH COUNTDOWN

EXISTING TRAFFIC DETECTION CAMERAS

▭ - a.b.c.d

PROPOSED SIGNALS (BLACK FACED)

17-20
16" LED WITH COUNTDOWN

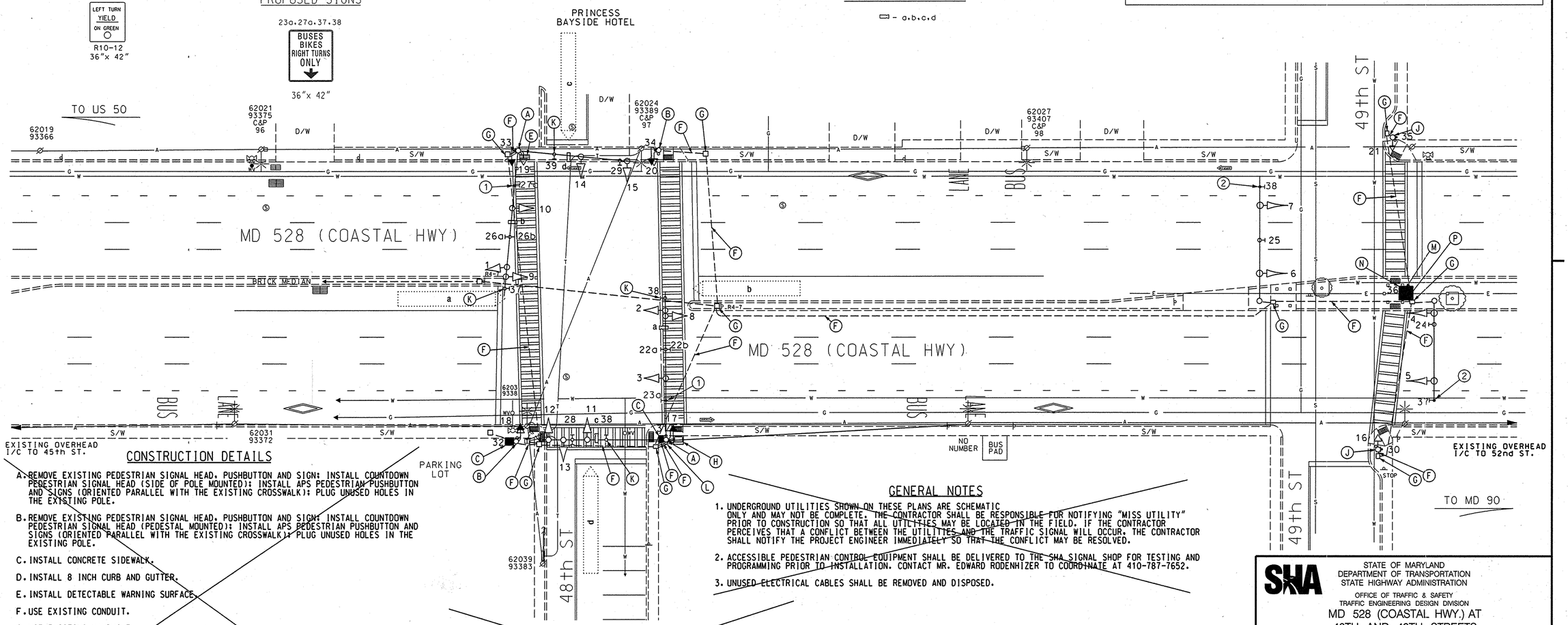
EXISTING SIGNALS TO BE REMOVED

17-20
12"

NEMA PHASING

Ø1 Ø2 Ø4 Ø4 ALT
Ø5 Ø6 Ø8 Ø8 ALT
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. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, 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. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN; INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD (PEDESTAL MOUNTED); INSTALL APS PEDESTRIAN PUSHBUTTON AND SIGNS (ORIENTED PARALLEL WITH THE EXISTING CROSSWALK); PLUG UNUSED HOLES IN THE EXISTING POLE.

C. INSTALL CONCRETE SIDEWALK.

D. INSTALL 8 INCH CURB AND GUTTER.

E. INSTALL DETECTABLE WARNING SURFACE.

F. USE EXISTING CONDUIT.

G. USE EXISTING HANDHOLE.

H. USE EXISTING CONTROLLER AND CABINET.

J. REMOVE EXISTING PEDESTRIAN PUSHBUTTON AND SIGN; INSTALL APS PEDESTRIAN PUSHBUTTON AND SIGNS (ORIENTED PARALLEL WITH THE EXISTING CROSSWALK); PLUG UNUSED HOLES IN THE EXISTING POLE.

K. REMOVE EXISTING SIGN.

L. ROTATE EXISTING POLE MOUNTED SIGNAL CABINET. PAID FOR USING ITEM - INSTALL POLE MOUNTED CABINET.

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 CONT.

M. INSTALL 5 FOOT PEDESTAL POLE AND APS PEDESTRIAN PUSHBUTTON AND SIGNS (ORIENTED PARALLEL WITH THE EXISTING CROSSWALK).

N. REMOVE AND RESET DECORATIVE BRICK SIDEWALK

P. INSTALL 2 INCH PVC SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

CONSTRUCTION DETAILS

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

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

BY: Owner

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APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
E INSTALL RESTRICED RIGHT LANE SIGNS
7-14-08 SHA NO.: AT3095185
JKS
C INSTALL COUNTDOWN PED SIGNALS WITH APS PUSHBUTTONS AND SIGNS SHA NO.: AT3555185 01-31-06
SMH
D ADD PED PHASE AT 49th STREET SHA NO.: AT3555185 TIMS: G917 3-10-05
RRZ MAR DAZ BRK

PLOTTED: Tuesday, July 15, 2008 AT 09:22 AM
FILE: L:\1500\1566\Task 123- MD 528\Dgn\OC DGN FILES\MD528 @ 48th_49th_pl.dgn

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

MD 528 (COASTAL HWY.) AT 48TH AND 49TH STREETS
OCEAN CITY, MARYLAND

SCALE 1" = 20' DATE 3-24-82 CONTRACT NO. WO594501185
DESIGNED BY B. THOMPSON COUNTY WORCESTER
DRAWN BY B. THOMPSON LOGMILE 23052805.51
CHECKED BY DJD TIMS NO. 2673
FAP NO. TOD NO.
TS NO. 1859E DRAWING OF SHEET NO. 15 OF 46

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