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

EXISTING SIGNS TO BE RELOCATED

19,23 — 24"X18"

20,22 — BUSES BIKES RIGHT TURNS ONLY — 30"X42"

24 — BOAT TRAILER AND PWC PARKING PROHIBITED — STRICTLY ENFORCED — 24"X24" 18"X24"

25 — Pacific AVE / Coastal HWY — 36"X12"

PROPOSED SIGNS

17a,26a — Pacific AVE — D-3(1) (DUAL FACED) 76"X16"

17b,26b — Pacific AVE — D-3(1) (DUAL FACED) 76"X16"

18 — Coastal HWY — D-3(1) 72"X16"

21 — U-TURN YIELD ON GREEN — R10-12(1) 30"X36"

EXISTING SIGNS TO BE REMOVED

PUSH BUTTON TO CROSS COASTAL HWY — 9"X12" (4 EA.)

PUSH BUTTON TO CROSS COASTAL HIGHWAY — 9"X12" (1 EA.)

Pacific Ave. 96"X16" (2 EA.)

Coastal Hwy 96"X16" (1 EA.)

U TURN YIELD ON GREEN — 30"X36" (1 EA.)

EXISTING SIGNAL HEADS TO BE REMOVED

12"/8" (1 EA.) 12" (1 EA.) 12" (4 EA.) 16" (4 EA.)

12"/8" (1 EA.) 12" (1 EA.)

PROPOSED LED SIGNALS

1 — 12"/8"

2 — 12"

4 — 12"/8"

5 — 12"

3,6,7,8 — 12"

9,10,11,12 — 16"

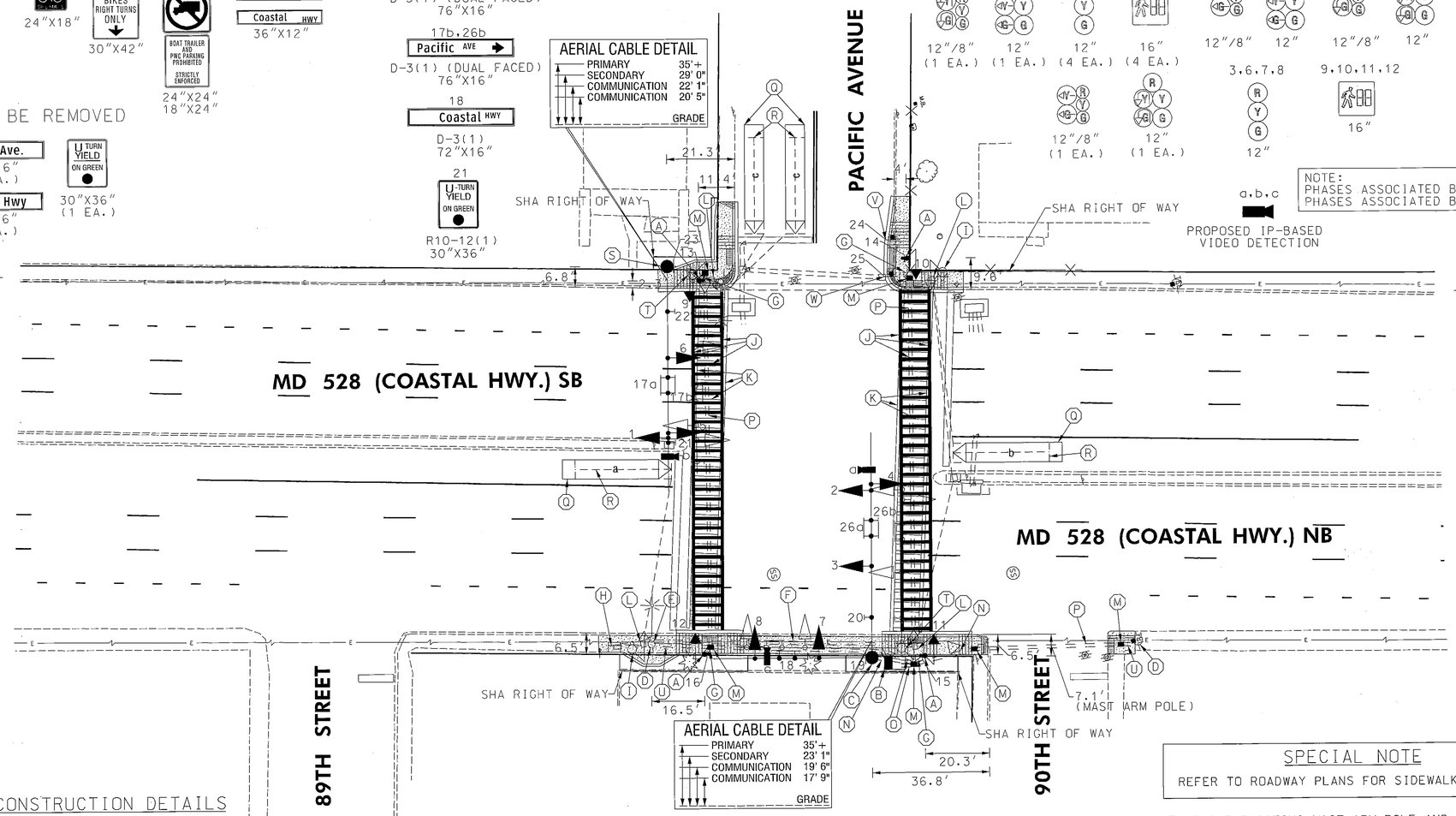
a,b,c — PROPOSED IP-BASED VIDEO DETECTION

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø4 ALT.

FLASHING OPERATION

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



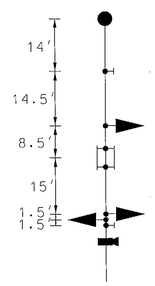
PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN

14,16 — COASTAL HWY R10-3(1) 9" X 15"

13,15 — COASTAL HWY R10-3(1) 9" X 15"

SIGNAL HEAD DIMENSIONS

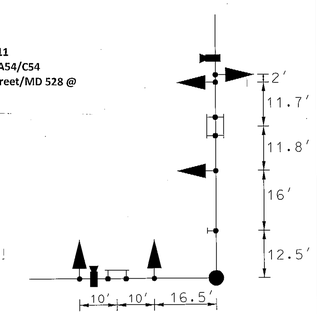
SOUTHWEST CORNER



TOD NO: XX224-11
SHA NO: WO311A54/C54
MD 528 @30th Street/MD 528 @ Pacific Avenue

SIGNAL HEAD DIMENSIONS

NORTHEAST CORNER



SPECIAL NOTE

REFER TO ROADWAY PLANS FOR SIDEWALK DETAILS.

CONSTRUCTION DETAILS

A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK.

B. INSTALL NEMA SIZE 6 TRAFFIC SIGNAL CABINET AND CONTROLLER WITH IP-BASED VIDEO DETECTION INTERFACE EQUIPMENT AND APS CENTRAL CONTROL UNIT. NOTE: INSTALL 2-2 IN. & 2-4 IN. CONDUIT BENDS IN CABINET BASE. CABINET FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK. ELECTRICAL UTILITY SERVICE EQUIPMENT SHALL BE INSTALLED ON CABINET.

C. INSTALL 18 FT. SPECIAL 'T' MAST ARM POLE WITH TWIN 70 FT./50 FT. MAST ARMS, LED SIGNAL HEADS, VIDEO DETECTION CAMERAS, SIGNS AND RELOCATED SIGNS. INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK.

D. INSTALL 3 INCH RIGID PVC CONDUIT RISER AND 3 INCH WEATHERHEAD ON EXISTING UTILITY POLE FOR INTERCONNECT CABLE. OVERHEAD INTERCONNECT CABLE SHALL BE REPLACED FROM TRAFFIC SIGNAL AT 85TH STREET TO THE SOUTH (1500 FT.). THE TRAFFIC SIGNAL INTERCONNECT AT 94TH TO THE NORTH SHALL BE DISCONNECTED, PULLED BACK AND REROUTED.

E. RELOCATE EXISTING UNDERGROUND POWER FEED FROM POLE (62332 94575) BY UTILITY COMPANY.

F. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED TO UTILITY POLE (62332 94575). STUB CONDUIT AT POLE AND CONNECT TO EXISTING RISER WITH ELECTRICAL UTILITY SERVICE FEED.

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

H. REMOVE EXISTING CABINET. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. CAP & ABANDON EXISTING CONDUIT.

I. REMOVE EXISTING PEDESTAL POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. CAP & ABANDON EXISTING CONDUIT.

J. INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

K. REMOVE EXISTING PAVEMENT MARKING LINE.

L. REMOVE EXISTING HANDHOLE. CAP & ABANDON EXISTING CONDUIT.

M. INSTALL ELECTRICAL HANDHOLE.

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

O. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

P. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.

Q. PROPOSED VIDEO DETECTION ZONE. INSTALL 1 FT. BEHIND STOP LINE.

R. ABANDON EXISTING LOOP DETECTORS.

S. INSTALL 16.5 FT. SPECIAL 'T' MAST ARM POLE WITH 70 FT. MAST ARM, LED SIGNAL HEADS, VIDEO DETECTION CAMERA, SIGNS, AND RELOCATE SIGNS. INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK.

T. REMOVE EXISTING MAST ARM POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. RELOCATE EXISTING SIGNS.

U. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED. STUB AT UTILITY POLE FOR INTERCONNECT.

V. INSTALL RELOCATED SIGNS ON 1- 4"X6" WOOD SIGN SUPPORT (DRILLED).

W. INSTALL RELOCATED SIGNS ON EXISTING SUPPORT.

BY: AMR

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

REVISIONS
A. Install Restricted Right Lane use Signs. 7-16-08 Rev 9-96 MSC
B. RECONSTRUCT SIGNAL & INSTALL APS/CPS XX224511B5, TIMS: K-549 06-2011
BJG

PLOTTED: Tuesday, June 28, 2011 AT 11:50 AM
FILE: \\Rkkm\v2007\2007\07056_shahdd\Task08_MD 528 ADA\CADD\Pacific Ave\pSG-P000_Pacific.dgn

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

MD 528 (COASTAL HWY.) AT PACIFIC AVE.
OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 11-25-86 CONTRACT NO. WO-645-451-185

DESIGNED BY R. ZACHERL
DRAWN BY S. BARANOWSKI
CHECKED BY DENNIS DODA
FAP NO.
COUNTY WORCESTER
LOGMILE 23052803.17
TIMS NO. K549
TOD NO.

TS NO. 2261B DRAWING SG-3 OF 4 SHEET NO. 4 OF 8