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

EXISTING SIGNS TO BE REMOVED

Old Landing RD — VAR.x16" DUAL FACED (1 EA.)

Old Lndg RD — VAR.x16" DUAL FACED (1 EA.)

EXISTING SIGN TO REMAIN

20 — BUSES BIKES RIGHT TURNS ONLY — R3-17(MOD) 30"x42"

PROPOSED SIGN (EXISTING ACCESSIBLE PUSHBUTTON TO REMAIN)

16 — PUSH BUTTON TO CROSS COASTAL HWY — COASTAL HWY R10-3(1) 9"x15"

PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS

15,17 — PUSH BUTTON TO CROSS COASTAL HWY — COASTAL HWY R10-3(1) 9"x15"

18 — PUSH BUTTON TO CROSS COASTAL HWY — COASTAL HWY R10-3(1) 9"x15"

PROPOSED SIGNS

19a,23b — Old Landing RD — D-3(1) 96"x16" DUAL FACED

19b,23a — Old Landing RD — D-3(1) 96"x16" DUAL FACED

22a,22b,24a,24b — Coastal HWY — D-3(1) 66"x16" DUAL FACED

21 — R3-1 36"x36"

25 — NO STOPPING ANY TIME — R7-4(2) 18"x24" R7-201a 9"x18"

EXISTING LED SIGNALS TO REMAIN

2, 3,6,7,8,9,10, 5 — 12" 12" 12"

EXISTING LED SIGNALS TO BE REMOVED

16" (2 EA.)

PROPOSED LED SIGNALS

1, 4, 11,12,13,14 — 12"/8" 12"/8" 16"

a,b,c,d — PROPOSED VIDEO DETECTION

NEMA PHASING

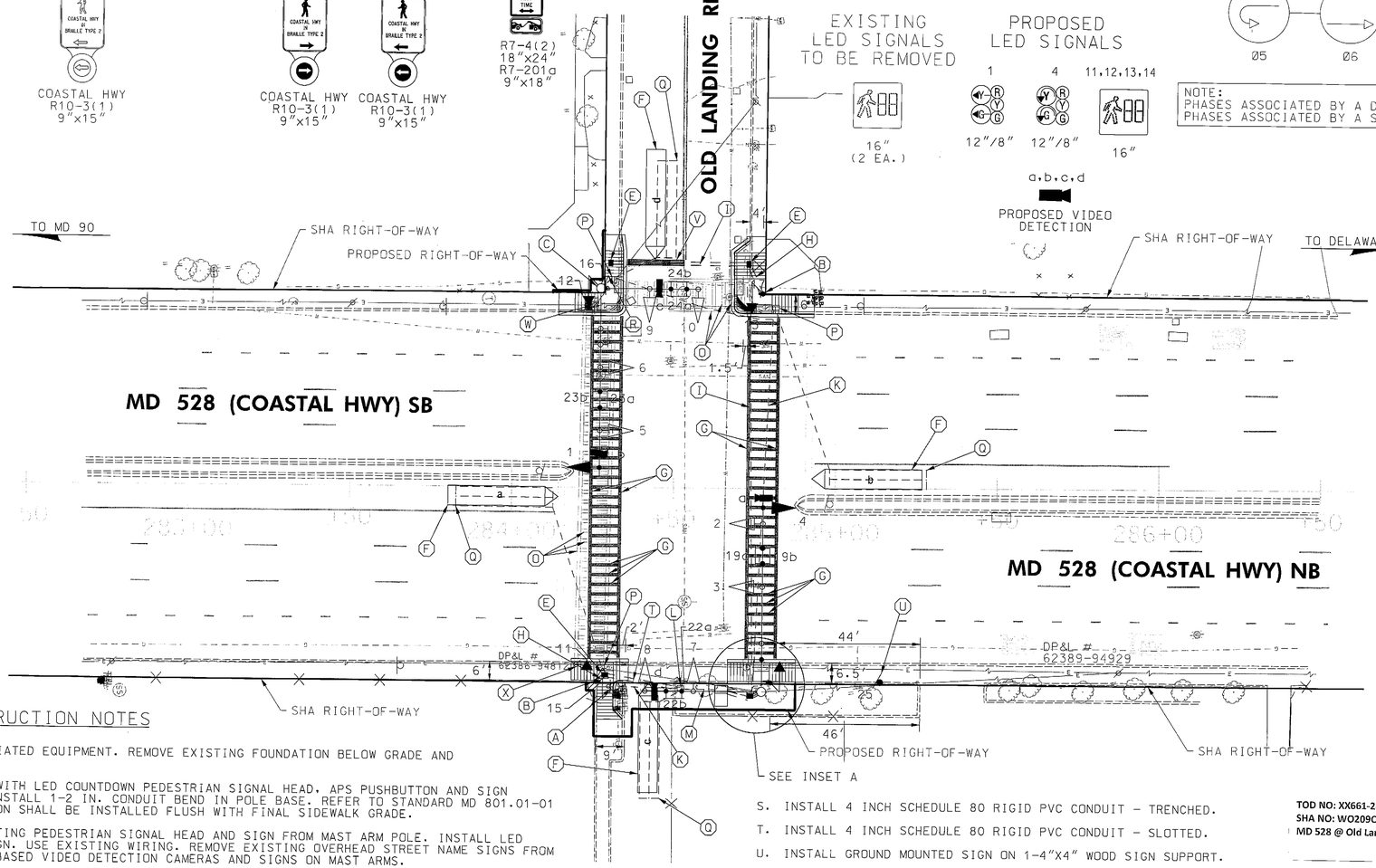
Ø1 Ø2 Ø4 Ø4 ALT. FLASHING OPERATION

Ø5 Ø6 Ø8 Ø8 ALT.

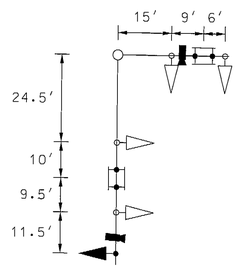
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PUSH BUTTON TO CROSS COASTAL HWY — COASTAL HWY RR — 9"x15" (1 EA.)

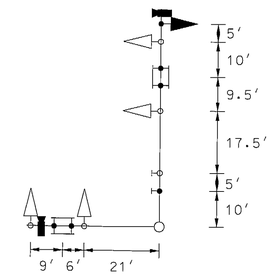
NO STOPPING ANY TIME — TOW-AWAY ZONE — 18"x24" 12"x6" (1 EA.)

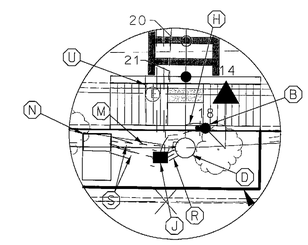


SIGNAL HEAD DIMENSIONS
SOUTHWEST CORNER



SIGNAL HEAD DIMENSIONS
NORTHEAST CORNER





INSET A
NOT TO SCALE

CONSTRUCTION NOTES

A. REMOVE EXISTING PEDESTAL POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH FINAL SIDEWALK GRADE.

B. 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 FINAL SIDEWALK GRADE.

C. USE EXISTING MAST ARM POLE. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND SIGN FROM MAST ARM POLE. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD AND SIGN. USE EXISTING WIRING. REMOVE EXISTING OVERHEAD STREET NAME SIGNS FROM MAST ARMS. INSTALL LED SIGNAL HEAD, IP-BASED VIDEO DETECTION CAMERAS AND SIGNS ON MAST ARMS.

D. USE EXISTING MAST ARM POLE. REMOVE EXISTING OVERHEAD STREET NAME SIGNS FROM MAST ARMS. INSTALL LED SIGNAL HEAD, IP-BASED VIDEO DETECTION CAMERAS AND SIGNS. EXISTING POLE MOUNTED ELECTRICAL SERVICE METER TO REMAIN.

E. INSTALL ELECTRICAL HANDHOLE.

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

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

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

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

J. INSTALL ELECTRICAL HANDHOLE IN LOCATION OF EXISTING HANDHOLE.

K. CAP AND ABANDON EXISTING CONDUIT.

L. USE EXISTING HANDHOLE.

M. USE EXISTING CONDUIT.

N. USE EXISTING CABINET. INSTALL IP-BASED VIDEO DETECTION INTERFACE EQUIPMENT.

O. REMOVE EXISTING PAVEMENT MARKING.

P. REMOVE EXISTING HANDHOLE. CAP AND ABANDON ALL CONDUITS FEEDING HANDHOLE.

Q. ABANDON EXISTING LOOP DETECTOR.

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

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

T. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.

U. INSTALL GROUND MOUNTED SIGN ON 1-4"X4" WOOD SIGN SUPPORT.

V. INSTALL 24 INCH WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

W. ADA WAIVER REQUESTED FOR SIDEWALK PINCH POINT BETWEEN MAST ARM POLE AND UTILITY POLE (48 INCH SIDEWALK CLEARANCE).

X. ADA WAIVER REQUESTED FOR SIDEWALK PINCH POINT BETWEEN FENCE AND BACK OF CURB (49 INCH SIDEWALK CLEARANCE).

GEOMETRIC LEGEND
EXISTING
PROPOSED

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

BY: WFW

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

REVISIONS
E INSTALL APS/CPS, ADA RAMPS, VIDEO DETECT. SHA NO. XX6615185 TIMS NO. K290 — 07-2012 — BJG — RDB/WFW: CSW
D INSTALL RESTRICTED LANE SIGNS SHA NO. AT9095185 TIMS NO. H292 — 7-14-2008 — JKS
C INSTALL APS/CPS SHA NO. AT3555185 — 1-31-2006 — DAE

TOD NO: XX661-28
SHA NO: WO209C56
MD 528 @ Old Landing Road

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

MD 528 (COASTAL HIGHWAY) AT OLD LANDING ROAD
OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 8-29-1983 CONTRACT NO. WO609501185

DESIGNED BY H. KILIAN
DRAWN BY
CHECKED BY S. RENZI
FAP NO.

COUNTY WORCESTER
LOGMILE 23052802.52
TIMS NO. K290
TOD NO.

TS NO. 1375E DRAWING SP-1 OF 2 SHEET NO. 1 OF 4

PLOTTED: Monday, July 09, 2012 AT 08:28 AM
FILE: \\rkkm\c2009\2008\08148_tcddes1\Task 50_MD 528 at Old Landing\CADD\pSG-0001_MD528@OldLanding.dgn