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

EXISTING SIGNS TO BE REMOVED

56TH Street

VARIES X16"
(2 EA.)

9"X12"
(4 EA.)

PROPOSED SIGNS

23a,23b,24a,24b
Coastal HWY
D-3(1) (DUAL FACED)
72"X16"

21a,21b,22a,22b
56TH Street
D-3(1) (DUAL FACED)
72"X16"

EXISTING SIGNS TO BE RELOCATED

25.26
BUSES BIKES RIGHT TURNS ONLY
30"X42"

PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN

17,18 — COASTAL HWY R10-3(1) 9" X 15"

19,20 — COASTAL HWY R10-3(1) 9" X 15"

SPECIAL NOTE

REFER TO ROADWAY PLANS FOR SIDEWALK DETAILS.

PROPOSED LED SIGNALS

7,10
R Y G
12"

EXISTING LED SIGNALS TO BE RELOCATED

1,4 — 12"/8"
2,5 — 12"
3,6,8,9 11,12 — 12"
13-16 — 16"

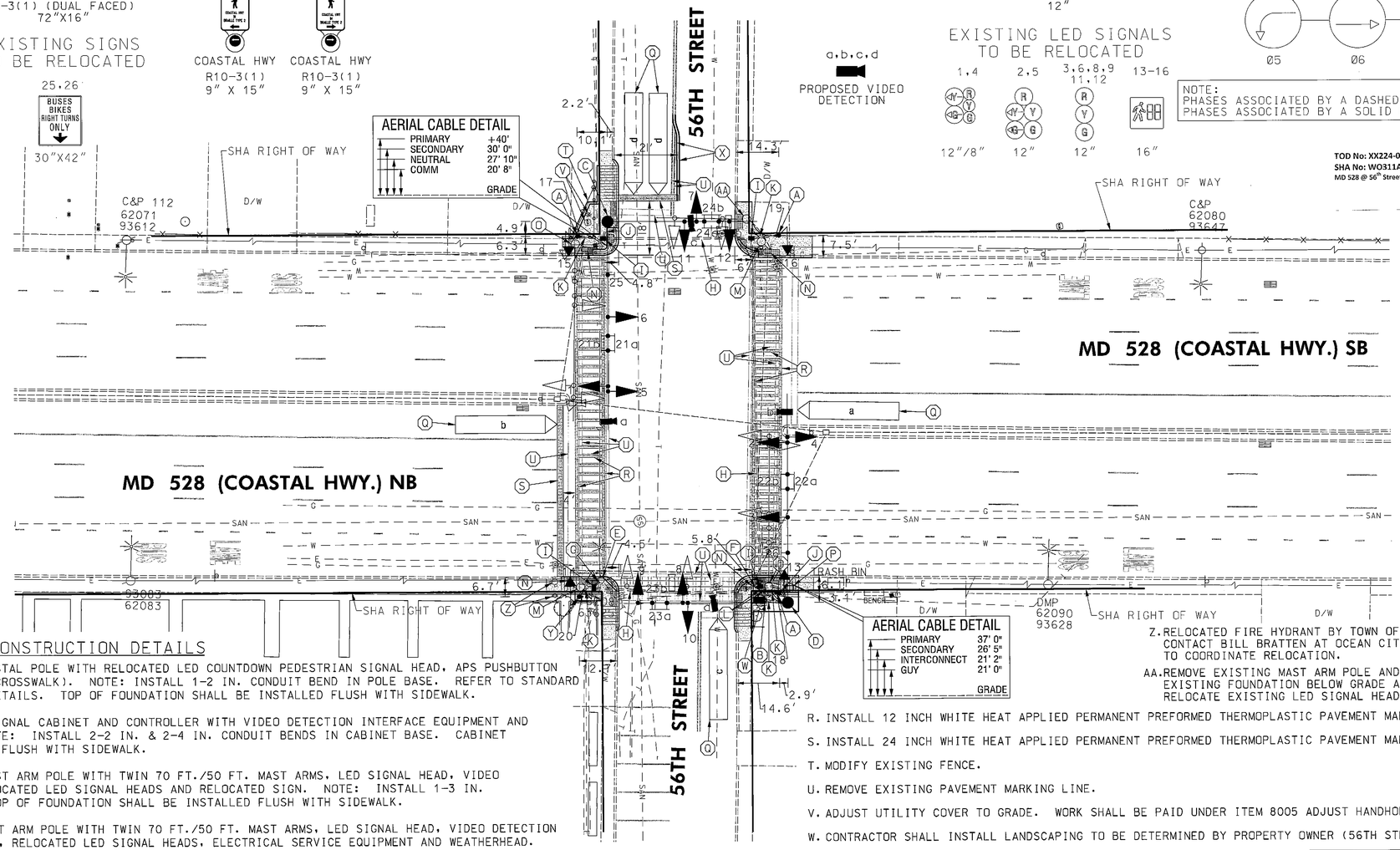
a,b,c,d
PROPOSED VIDEO DETECTION

NEMA PHASING

Ø1 Ø2 Ø4 ALT Ø4
Ø5 Ø6 Ø8 ALT Ø8
FLASHING OPERATION

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

TOD No: XX224-07
SHA No: WO311A52/C2
MD 528 @ 56th Street; MD 528 @ 133rd Street



SIGNAL HEAD DIMENSIONS
SOUTHWEST CORNER

SIGNAL HEAD DIMENSIONS
NORTHEAST CORNER

CONSTRUCTION DETAILS

A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH RELOCATED 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 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.

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

D. INSTALL 18 FT. SPECIAL 'T' MAST ARM POLE WITH TWIN 70 FT./50 FT. MAST ARMS, LED SIGNAL HEAD, VIDEO DETECTION CAMERAS, SIGNS, RELOCATED SIGN, RELOCATED LED SIGNAL HEADS, ELECTRICAL SERVICE EQUIPMENT AND WEATHERHEAD. NOTE: INSTALL 1-3 IN. & 1-2 IN. CONDUIT BENDS IN POLE BASE.

E. 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 THE TRAFFIC SIGNAL AT 52ND STREET TO THE SOUTH (1500 FT.) AND THE TRAFFIC SIGNAL AT 59TH TO THE NORTH (1200 FT.).

F. RELOCATE EXISTING OVERHEAD ELECTRICAL UTILITY SERVICE FEED BY UTILITY COMPANY FROM SECONDARY ELECTRIC LINE.

G. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED. STUB CONDUIT AT UTILITY POLE.

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

I. INSTALL ELECTRICAL HANDHOLE.

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

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

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

M. REMOVE EXISTING PEDESTAL POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. RELOCATE LED PEDESTRIAN SIGNAL HEAD.

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

O. REMOVE EXISTING MAST ARM POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. RELOCATE EXISTING LED SIGNAL HEADS AND LED PEDESTRIAN SIGNAL HEAD.

P. REMOVE EXISTING CABINET. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK.

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

Z. RELOCATED FIRE HYDRANT BY TOWN OF OCEAN CITY FORCES. CONTACT BILL BRATTEN AT OCEAN CITY DPW 410-524-4733 TO COORDINATE RELOCATION.

AA. REMOVE EXISTING MAST ARM POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH SIDEWALK. RELOCATE EXISTING LED SIGNAL HEADS.

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

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

T. MODIFY EXISTING FENCE.

U. REMOVE EXISTING PAVEMENT MARKING LINE.

V. ADJUST UTILITY COVER TO GRADE. WORK SHALL BE PAID UNDER ITEM 8005 ADJUST HANDHOLE TO GRADE.

W. CONTRACTOR SHALL INSTALL LANDSCAPING TO BE DETERMINED BY PROPERTY OWNER (56TH STREET NE CORNER).

X. INSTALL 5 INCH YELLOW HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

Y. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH RELOCATED 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.

GEOMETRIC LEGEND
EXISTING
PROPOSED

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

BY: BJG

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

REVISIONS
D — RECONSTRUCT SIGNAL TO MEET ADA REQUIREMENTS XX224516 — BJG — 2/11/09
C — INSTALL RESTRICTED RIGHT LANE SIGNS AT9095185 — JKS — TH — TIMS I673 07-14-08
B — INSTALL VIDEO DETECTION CAMERAS AT7255185 — SWA — TIMS H928 08-24-07

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

MD 528 (COASTAL HWY.) AT 56TH ST.
OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 11-26-86 CONTRACT NO. AW5I7A5L
DESIGNED BY S. THACKER
DRAWN BY S. THACKER
CHECKED BY DENNIS DODA
FAP NO.
COUNTY WORCESTER
LOGMILE 23052805.05
TIMS NO. KI85
TOD NO.

TS NO. 2255D | DRAWING SG-I OF 4 | SHEET NO. 1 OF 7

PLOTTED: Friday, January 15, 2010 AT 09:57 AM
FILE: \\rkkm\d000\2007\07056_shahd07\ashk06_md 528 ada\cadd\56TH Street\pSG-P000_56th.dgn