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

PROPOSED SIGNS

19.22 — RIGHT LANE BUSES AND RIGHT TURNS ONLY — R3-17(MOD) (30"x36")

18.21 — 123rd ST — D-3(2) (VAR.X16") DUAL FACE

17.20 — LEFT TURN YIELD ON GREEN — R10-12 (30"x36")

PROPOSED SIGNS 19A.22A — BUSES BIKES RIGHT TURNS ONLY — 36"x 42"

INSTALLED AT CROSSING WITH PUSHBUTTON

PROPOSED SIGNALS

3,6,7,8-12 — 12"

2,5 — 12"

1,4 — 12"/8"

13-16 — 12" LED COUNTDOWN PEDESTRIAN SIGNAL

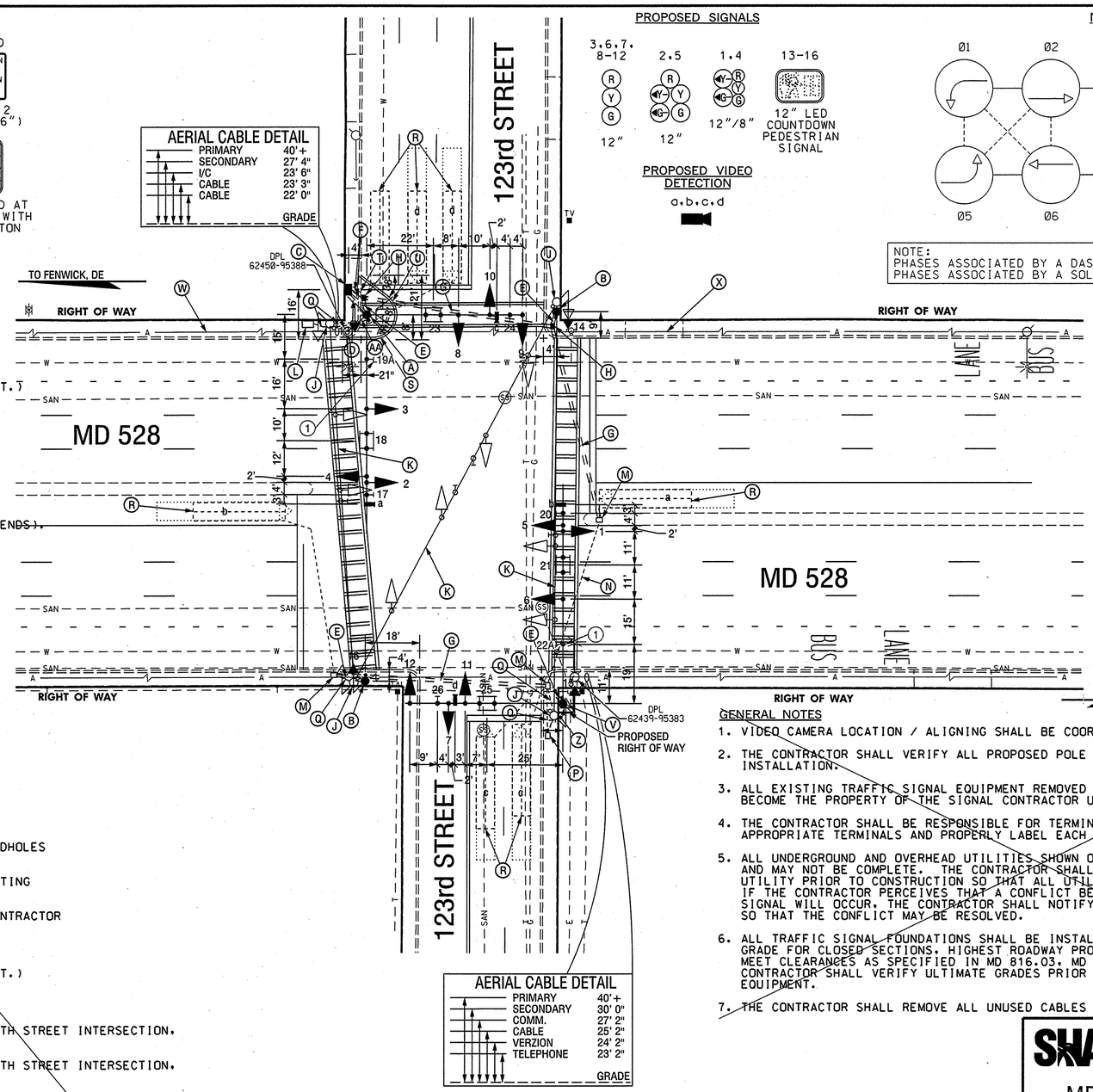
PROPOSED VIDEO DETECTION a.b.c.d

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.



A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT DOWN TO 23 FT.) WITH TWIN 50 AND 70 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN, OVERHEAD VIDEO DETECTION CAMERA, 1 IN. GALVANIZED ELECTRICAL COUNDUIT RISER AND ELECTRICAL UTILITY SERVICE EQUIPMENT FOR OVERHEAD SERVICE. (NOTE: ONE 3 IN. AND ONE 2 IN. PVC SCHEDEULE 80 CONDUIT BEND).

B. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN. PVC, AND TWO-2 IN. PVC SCHEDEULE 80 CONDUIT BENDS).

C. INSTALL CONCRETE FOUNDATION, NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET. (NOTE TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDEULE 80 CONDUIT BENDS).

D. INSTALL 2 IN. PVC SCHEDEULE 80 ELECTRICAL CONDUIT - TRENCHED.

E. INSTALL 3 IN. PVC SCHEDEULE 80 ELECTRICAL CONDUIT - TRENCHED.

F. INSTALL 4 IN. PVC SCHEDEULE 80 ELECTRICAL CONDUIT - TRENCHED.

G. INSTALL 4 IN. PVC SCHEDEULE 80 ELECTRICAL CONDUIT - SLOTTED.

H. INSTALL HANDHOLE.

J. REMOVE EXISTING POLE, ALL ASSOCIATED EQUIPMENT, AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

K. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.

L. REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

M. USE EXISTING HANDHOLE.

N. USE EXISTING CONDUIT.

P. REMOVE EXISTING HANDHOLE AND BACKFILL.

Q. CAP AND ABANDON EXISTING CONDUIT.

R. DISCONNECT AND REMOVE EXISTING LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES SIGNAL STRUCTURES AND CONTROLLER.

S. INSTALL NEW 8 IN. CURB AND 12 IN. GUTTER. (CONTRACTOR SHALL MATCH EXISTING CURB AND GUTTER SLOPE DIMENSIONS).

T. REMOVE EXISTING CURB AND GUTTER AND INSTALL NEW CONCRETE SIDEWALK. (CONTRACTOR SHALL MATCH EXISTING SIDEWALK SLOPE).

U. INSTALL NEW SIDEWALK RAMP PER MSHA STANDARD DETAIL NO. 655.11.

V. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT DOWN TO 23 FT.) WITH TWIN 50 AND 70 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL, PUSHBUTTON AND SIGN AND OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDEULE 80 CONDUIT BEND).

W. REMOVE AND REPLACE INTERCONNECT TO 130TH STREET INTERSECTION. USE EXISTING ATTACHMENTS.

X. REMOVE AND REPLACE INTERCONNECT TO 120TH STREET INTERSECTION. USE EXISTING ATTACHMENTS.

Z. REMOVE AND RELOCATE EXISTING OCEAN CITY DPW CABINET FROM EXISTING POLE TO NEW POLE

AA. OVERHEAD POWER FEED. (BY OTHERS)

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED EXCEPT THE CONTROLLER UNIT SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. ALL UNDERGROUND AND OVERHEAD 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.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
7. THE CONTRACTOR SHALL REMOVE ALL UNUSED CABLES IN CONDUIT SYSTEM.

GEOMETRIC LEGEND

EXISTING
PROPOSED
PROPOSED GEOMETRIC WORK ZONE

UTILITY LEGEND

SD. STORM DRAIN
G GAS MAIN
W WATER MAIN
SAN SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES
FO FIBER-OPTIC

CONSTRUCTION DETAILS

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

TRAFFIC CONCEPTS, INC.
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EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

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

REVISIONS
C INSTALL RESTRICED RIGHT LANE SIGNS — SHA CONTRACT No. AT9005185 — MR — 7-14-08
B SIGNAL RECONSTRUCTION — SHA CONTRACT No. AT3555185 — SWA — 11-01-04
A RE-CUT LOOP DETECTORS BW-902-801-112 — BT SR DAZ ETP TH — 3-2-87

PLOTTED: TUESDAY, JULY 15, 2008 AT 10:52 AM
FILE: L:\1500\1566\TASK 123- MD 528\DGN\OC DGN FILES\MD528 @ 123RD_PL.DGN

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

MD 528 & 123RD STREET (OCEAN CITY)

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 11-16-84 CONTRACT NO. 855-25001

DESIGNED BY G.COOK — COUNTY WORCESTER
DRAWN BY G.HALLAMEYER — LOGMILE 23052801.61
CHECKED BY DENNIS DODA JR. — T.I.M.S. NO. 2673
F.A.P. NO. N/A — TOD NO.

DRAWING NO. TS-2065 KC — SHEET NO. 36 OF 46

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

BY:OWNER