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

EXISTING SIGNS TO BE REMOVED

9"X12" (4 EA.)

EXISTING SIGNS

25a,25b,26a,26b

74TH Street

D-3(1) (VAR. X 16") DUAL FACED

27,28

BUSES BIKES RIGHT TURNS ONLY

R3-17 (MOD) 30"X42"

29

FIREHOUSE SIGNAL

W11-8(1) 30"X42"

EXISTING LED SIGNALS

1,6 — 12"/8"

2,7 — 12"

3,8,10,11,13,14 — 12"

4,5 — 12"/8"

9,12 — 8"

15,16 — 12"

EXISTING SIGNALS TO BE REMOVED

16" (4 EA.)

PROPOSED LED SIGNALS

17,18,19,20

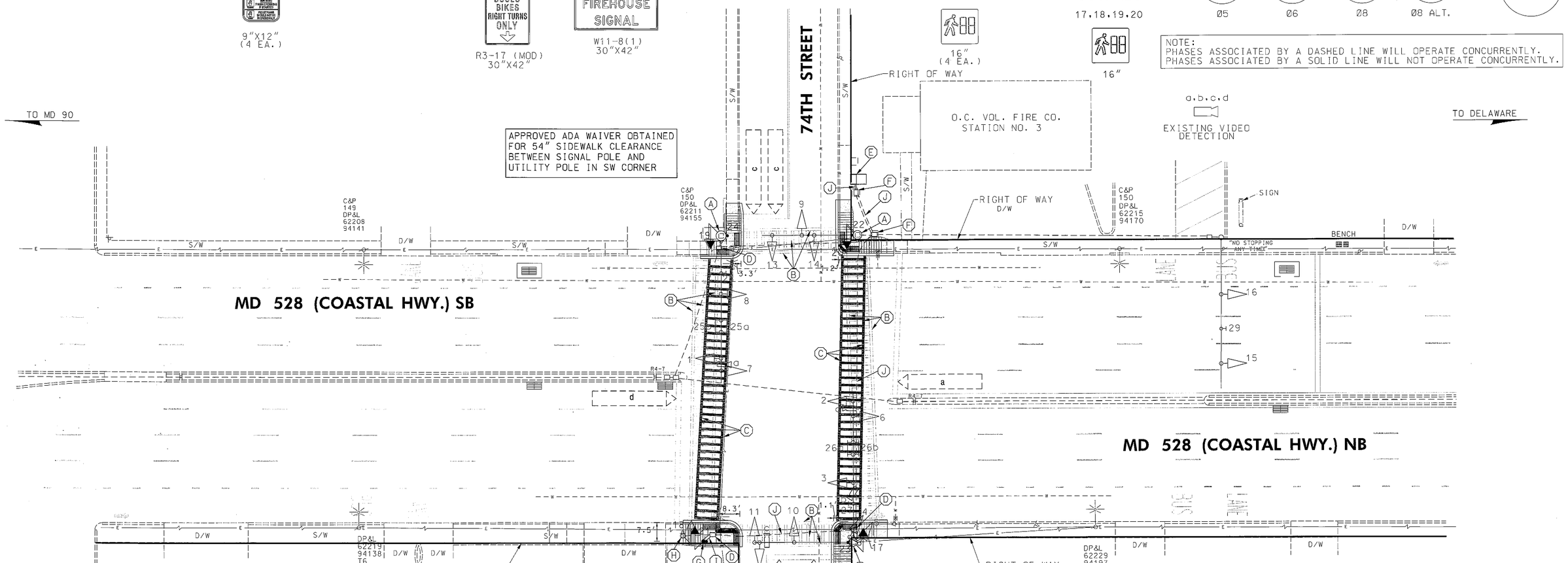
16"

NEMA PHASING

Ø1 Ø2 Ø4 Ø4 ALT. FLASHING OPERATION

Ø5 Ø6 Ø8 Ø8 ALT. Ø3 PRE-EMPTION

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



CONSTRUCTION DETAILS

A. USE EXISTING MAST ARM POLE. REMOVE EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND PEDESTRIAN EDUCATION SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENTED PARALLEL TO CROSSWALK). USE EXISTING WIRING. PLUG UNUSED HOLES.

B. REMOVE EXISTING PAVEMENT MARKINGS.

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

D. ADJUST EXISTING HANDHOLE TO FINAL SIDEWALK GRADE.

E. USE EXISTING CABINET AND CONTROLLER. INSTALL 2-WIRE APS CENTRAL CONTROL UNIT (BY SHA FORCES AND INCIDENTAL TO APS PUSHBUTTON ITEM).

F. USE EXISTING HANDHOLE.

G. 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.

H. REMOVE EXISTING PEDESTAL POLE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGNS. CAP AND ABANDON EXISTING CONDUIT. REMOVE FOUNDATION BELOW GRADE.

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

J. USE EXISTING CONDUIT.

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
1 RECONSTRUCT RAMPS TO BE ADA COMPLIANT, MODIFY APS/CPS. 08-2012
TIMS NO. L724 SHA NO. XX1285133
AMR BUG 7657 ZDB MLB2
G INSTALL RESTRICED RIGHT LANE SIGNS TIMS NO.G398
7-14-08 SHA NO.
JKS
F REBUILD SIGNAL USING MAST ARM
08/24/07 SHA NO. AT3555185
RRZ MAR DAZ

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

MD 528 AT 74TH STREET

OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 6-18-04 CONTRACT NO. W0421A54/B54

DESIGNED BY
DRAWN BY J.A.H.
CHECKED BY
FAP NO.
COUNTY WORCESTER
LOGMILE 23052804.01
TIMS NO.
TOD NO.

TS NO. 1421H DRAWING SP-1 OF 2 SHEET NO. 17 OF 24

PLOTTED: Tuesday, August 14, 2012 AT 08:27 AM
FILE: \\rkkm\v2007\2007\07056_shahdd\Task06_MD 528 ADA\CADD\74TH Street\zSG-P000_74th.dgn