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

EXISTING SIGNS

18 — FIRE HOUSE SIGNAL — W11-8(1) 72" X 36" (FY)

19,20 — R3-1 30"x30"

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

23,24 — R3-2 30"x30"

26 — RIGHT TURNS WATCH FOR — 36"X 48"

27,31 — DO NOT ENTER — R5-1 30"x30"

32 — R3-6L 30"x36"

37 — R4-7 (24"X30")

29 — Fiberoptic blank-out 30"x 30"x 9"

30,33 — ONLY — R3-5(R) (30"x36")

21a,21b,25a,25b — 15 TH Street — D-3(2) (VAR.X16")

28a,28b,34a,34b — Philadelphia AVE — D-3(2) (VAR.X16")

EXISTING AUDIBLE PUSHBUTTON SIGNS

35, 36 — R10-4(1) 9"x12"

EXISTING L.E.D. SIGNALS

1,2 — 12"

3 — 8"/12"

4 — 12"

5,6,7,10,15 — 12"

8,13 — 8"/12"

9,14 — 12"

11,12 — 8"/12"

16,17 — 16" COUNTDOWN

PROPOSED VIDEO DETECTION

a,b,c

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø6

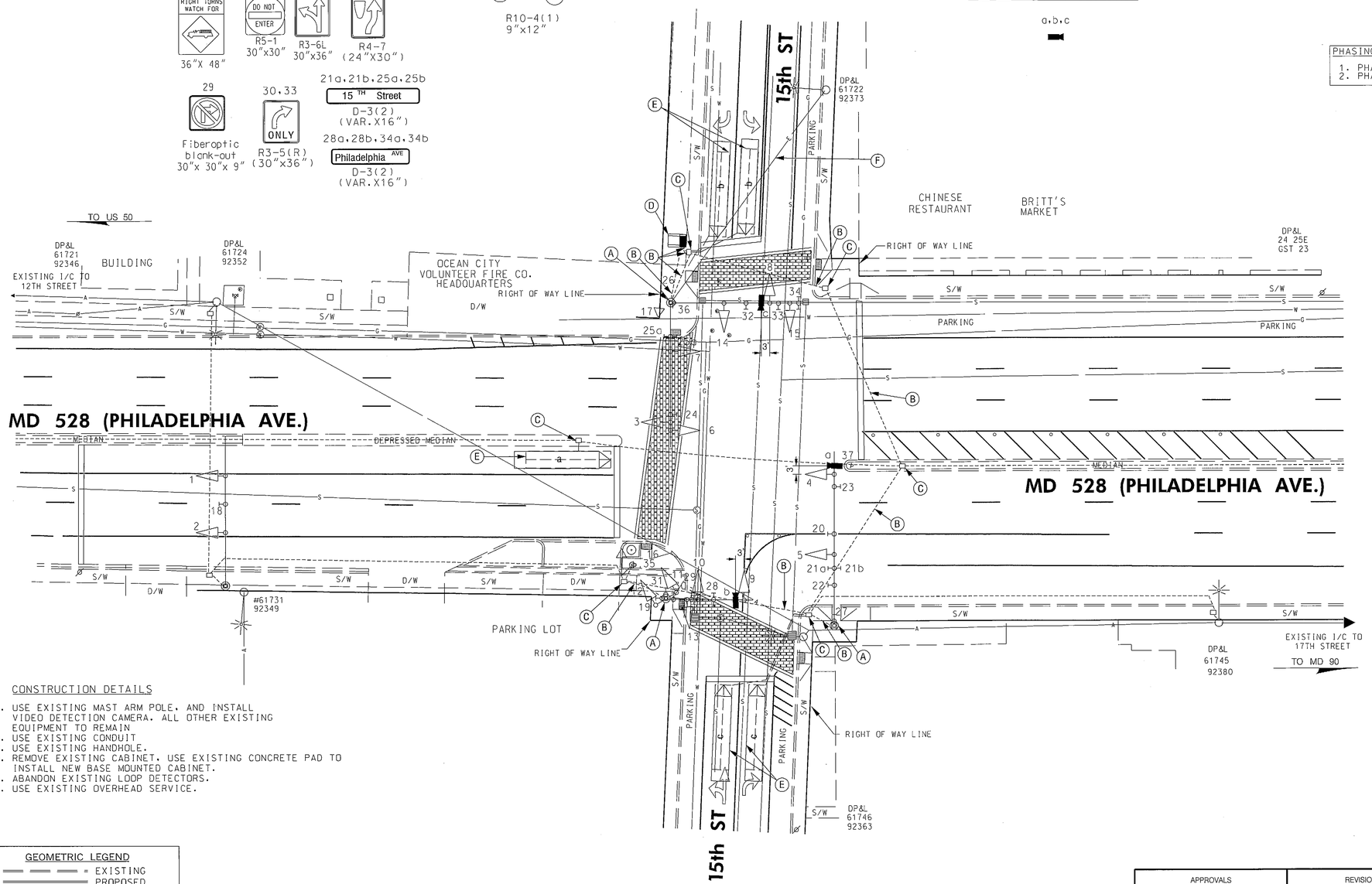
FLASHING OPERATION

ALT Ø4

EMERGENCY PRE-EMPTION

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



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 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. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
6. REMOVE ALL 2 CONDUCTOR ALUMINUM SHIELDED LEAD-IN CABLES ASSOCIATED WITH ABANDONED LOOPS.

CONSTRUCTION DETAILS

A. USE EXISTING MAST ARM POLE, AND INSTALL VIDEO DETECTION CAMERA. ALL OTHER EXISTING EQUIPMENT TO REMAIN
B. USE EXISTING CONDUIT
C. USE EXISTING HANDHOLE.
D. REMOVE EXISTING CABINET. USE EXISTING CONCRETE PAD TO INSTALL NEW BASE MOUNTED CABINET.
E. ABANDON EXISTING LOOP DETECTORS.
F. USE EXISTING OVERHEAD SERVICE.

TOD NO:AX139-08
SHA NO:WO309A51/B51
MD 528 @ 12TH, 15TH,17TH ST

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: xiao

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

REVISIONS

② 01/09 TIMS NO.J517 SHA NO.AX1395185 INSTALL CABINET AND INSTALL VIDEO DETECTION CAMERAS TO REPLACE EXISTING LOOPS
XM — 1/09 — SHA NO.:
H 1/07 — TO REPLACE EXISTING DAMAGED POLE
JC
G 1/06 — SHA NO.: AT3555185 INSTALL COUNTDOWN SIGNALS WITH APS/CPS PUSHBUTTONS AND SIGNS
SMH

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

MD 528 (PHILADELPHIA AVENUE) @ 15TH ST
TRAFFIC SIGNAL MODIFICATION

SIGNALIZATION PLAN SHEET

SCALE 1"=20' ADVERTISED DATE JULY 10, 1985 CONTRACT NO. WO-479-001-185

DESIGNED BY LISA HANDY — COUNTY WORCESTER
DRAWN BY LISA HANDY — LOGMILE 23052807.57
CHECKED BY STEVE RENZI — TIMS NO. J517
F.A.P. NO. — TOD NO.

TS NO. 571J — DRAWING - 3 OF 6 — SHEET NO. 1 OF 2

PLOTTED: Tuesday, January 13, 2009 AT 01:43 PM
FILE: P:\04-005 Signals\MD 528 @ 12th, 15th & 17th\Drawings\CADD\Working\pSG-P000_MD528&15th_ST.dgn