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

EXISTING SIGNS TO REMAIN

24 R3-5L 30"X36"
25 R3-5R 30"X36"
26a D-3(1) (VAR.X16") DUAL FACED — Philadelphia AVE
26b D-3(1) (VAR.X16") DUAL FACED — Philadelphia AVE
20 R10-12 30"X36" — TURN YIELD ON GREEN
17a,17b,22a,22b D-3(1) (VAR.X16") DUAL FACED — 33RD Street
19,21 R3-2 24"X24"
18,23 R3-17 (MOD) 30"X42" — BUSES BIKES RIGHT TURNS ONLY
30,33 R6-1 36"X12" — ONE WAY
34,31 R6-1 36"X12" — ONE WAY
29,32 R5-1 36"X36" — DO NOT ENTER
27 30"X42" — NO TURN ON RED THIS LANE
28 30"X42" — TURN ON RED OK THIS LANE ONLY

EXISTING SIGNS TO BE REMOVED

9"X12" (2 EA.)

EXISTING LED SIGNALS TO REMAIN

1 — 12"/8"
2 — 12"
3,6,9 10,11,12 — 12"
4 — 12"/8"
5 — 12"
7 — 12"/8"
8 — 12"

a,b,c,d EXISTING VIDEO DETECTION

APPROVED ADA WAIVER OBTAINED FOR 54" SIDEWALK CLEARANCE AT CABINET IN SW CORNER

PROPOSED LED SIGNALS

13,14 16"

EXISTING SIGNALS TO BE REMOVED

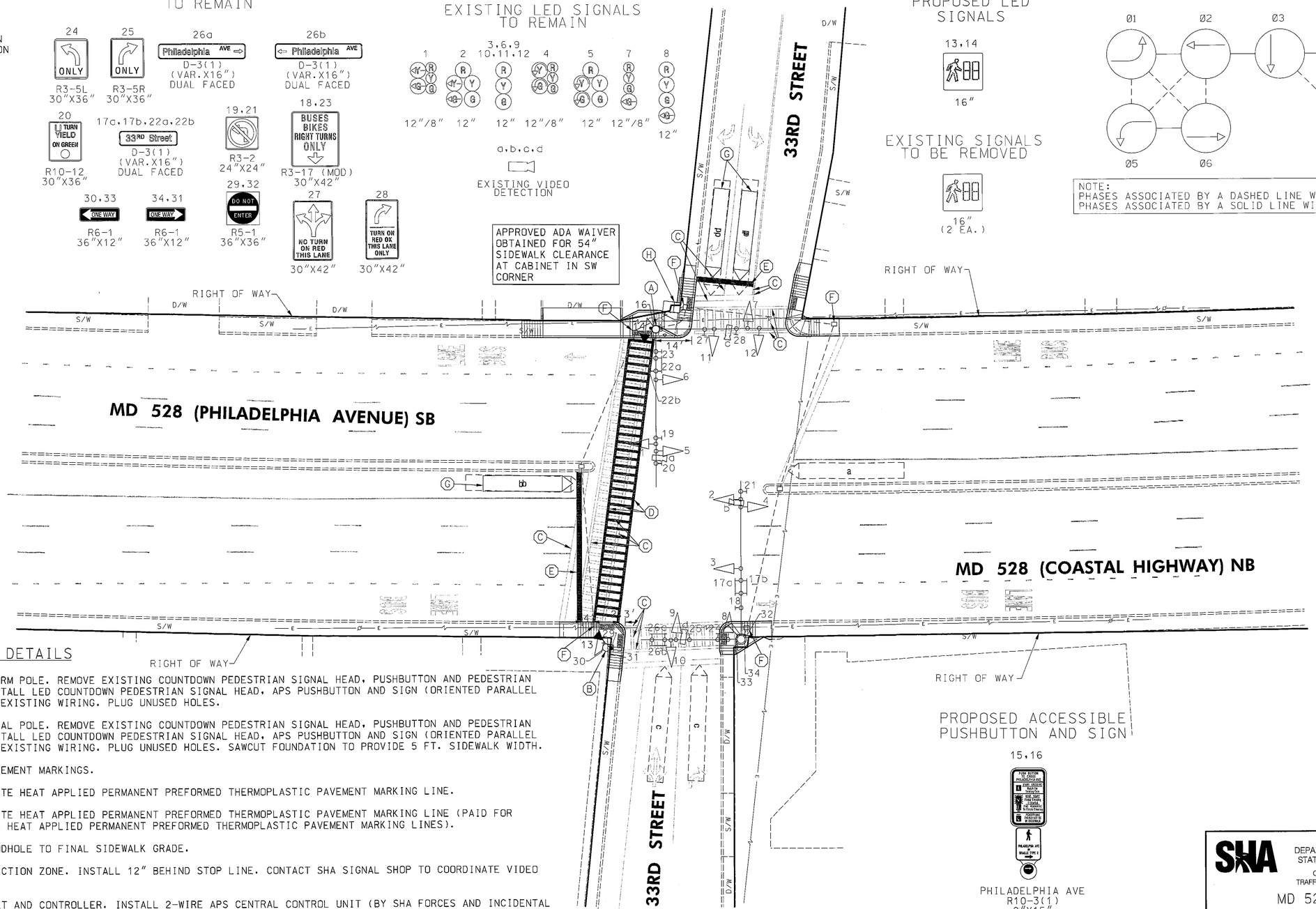
16" (2 EA.)

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

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. USE EXISTING PEDESTAL 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. SAWCUT FOUNDATION TO PROVIDE 5 FT. SIDEWALK WIDTH.

C. REMOVE EXISTING PAVEMENT MARKINGS.

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

E. INSTALL 24 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE (PAID FOR AS 2 -12 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES).

F. ADJUST EXISTING HANDHOLE TO FINAL SIDEWALK GRADE.

G. PROPOSED VIDEO DETECTION ZONE. INSTALL 12" BEHIND STOP LINE. CONTACT SHA SIGNAL SHOP TO COORDINATE VIDEO CAMERA ADJUSTMENT.

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

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: BJG

RK&K
Rummel, Klepper & Kahl, LLP
81 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2900 FAX: (410) 728-3160
Engineers Construction Managers Planners Scientists
www.rkk.com

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

REVISIONS
K RECONSTRUCT RAMPS TO BE ADA COMPLIANT, MODIFY APS/CPS. 06-2012
TIMS NO. L367 SHA NO. XX1285133
AMR BJG
J INSTALL RESTRICED RIGHT LANE SIGNS TIMS NO.H928
7-14-08 SHA NO. AT7255185
MR
H MODIFIY EXISTING TRAFFIC SIGNAL INSTALL VIDEO DETECTION CAMERA'S
08/24/07 SHA NO. AT7255185
SWA

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

MD 528 AT 33RD STREET
OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 1974 CONTRACT NO. W0479001185
DESIGNED BY
DRAWN BY W.F. FITCH
CHECKED BY
FAP NO.
COUNTY WORCESTER
LOGMILE 23052806.39
TIMS NO.
TOD NO.
TS NO. 416K DRAWING SP-1 OF 2 SHEET NO. 1 OF 26

PLOTTED: Tuesday, June 19, 2012 AT 09:38 AM
FILE: \\rkm\v2007\2007\07056_shahdd\Task06_MD 528 ADA\CADD\33RD Street\pSG-P003_33rd.dgn