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

EXISTING SIGNS TO REMAIN

21a,21b,22a,22b — 59TH Street — D-3(1) (VAR.X 16") DUAL FACED

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

PROPOSED PUSHBUTTON SIGN (ACCESSIBLE PUSHBUTTON TO REMAIN)

17,18 — COASTAL HWY R10-3(1) 9"X15"

19,20 — COASTAL HWY R10-3(1) 9"X15"

EXISTING LED SIGNALS TO REMAIN

1,4 — 12"/8"

2,5 — 12"

3,6,8, 9,11,12 — 12"

7,10 — 8"

NEMA PHASING

Ø1 Ø2 Ø4 Ø4 ALT.

Ø5 Ø6 Ø8 Ø8 ALT.

FLASHING OPERATION

EXISTING SIGNS TO BE REMOVED

9"X12" (3 EA.)

25,26 — BUSES BIKES RIGHT TURNS ONLY — R3-17 (MOD) 30"X42"

27 — ONLY — R3-5L 30"X36"

EXISTING SIGNALS TO BE REMOVED

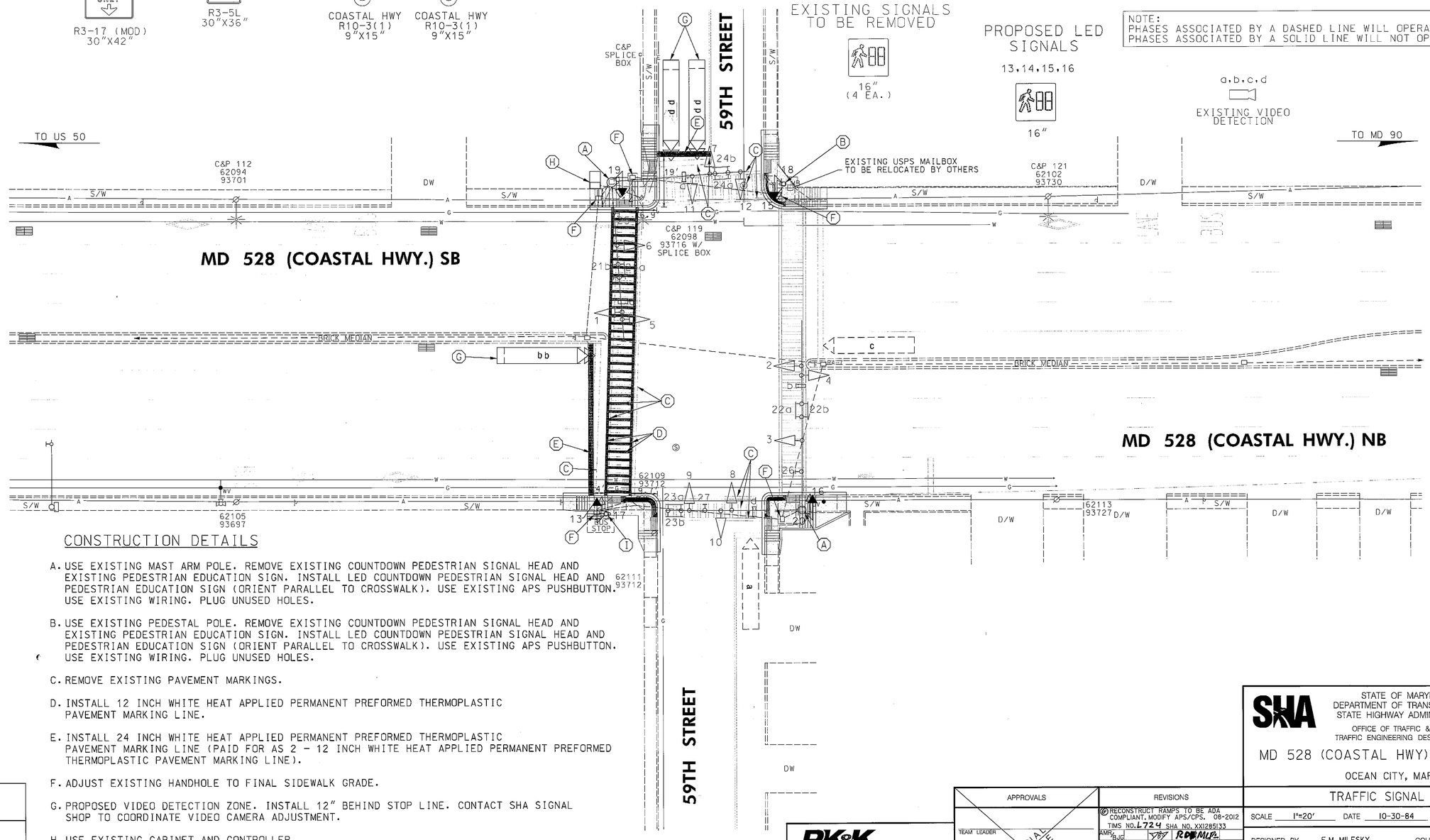
16" (4 EA.)

PROPOSED LED SIGNALS

13,14,15,16 — 16"

a,b,c,d — EXISTING VIDEO DETECTION

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 AND EXISTING PEDESTRIAN EDUCATION SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN EDUCATION SIGN (ORIENT PARALLEL TO CROSSWALK). USE EXISTING APS PUSHBUTTON. USE EXISTING WIRING. PLUG UNUSED HOLES.

B. USE EXISTING PEDESTAL POLE. REMOVE EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD AND EXISTING PEDESTRIAN EDUCATION SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN EDUCATION SIGN (ORIENT PARALLEL TO CROSSWALK). USE EXISTING APS PUSHBUTTON. USE EXISTING WIRING. PLUG UNUSED HOLES.

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 LINE).

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.

I. USE EXISTING PEDESTAL POLE. REMOVE EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN EDUCATION SIGN (ORIENT PARALLEL TO CROSSWALK). USE EXISTING APS PUSHBUTTON. USE EXISTING WIRING. PLUG UNUSED HOLES.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

STORM DRAIN
GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
AERIAL CABLES
TELEPHONE CABLES
FIBER-OPTIC

BY: WFW

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

G RECONSTRUCT RAMPS TO BE ADA COMPLIANT. MODIFY APS/CPS. 08-2012
TIMS NO. L724 SHA NO. XXI285133
AMR/ BLJ | JBT | RDP MLP

E INSTALL COUNTDOWN PED SIGNALS WITH APS PUSHBUTTONS AND SIGNS TIMS NO. H292
01-31-06 SHA NO. AT3555185
SMH

D RECONSTRUCTED TO MAST ARMS
10-15-01 SHA NO. XXI065185
EMM | MAR | DAZ

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

MD 528 (COASTAL HWY) AT 59TH STREET

OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 10-30-84 CONTRACT NO. 85525001

DESIGNED BY E.M. MILESKY
DRAWN BY E.M. MILESKY
CHECKED BY
FAP NO.

COUNTY WORCESTER
LOGMILE 23052804.88
TIMS NO.
TOD NO.

TS NO. 950F | DRAWING SP-1 OF 2 | SHEET NO. 1 OF 24

PLOTTED: Tuesday, August 14, 2012 AT 08:05 AM
FILE: \\rkm1\d2007\2007\07358_sha\dc\Task06_MD 528 ADA\CADD\59TH Street\pSG-P000_59th.dgn