MD 26 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS TO BE REMOVED

23a,24a,27a,28a — 9"X12"

42a — 36"X36" 30"X24"

43a — 36"X36" 30"X24"

PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS

21,25 — ROLLING RD R10-3(1) 9"X15"

22,26 — ROLLING RD R10-3(1) 9"X15"

23,27 — LIBERTY RD R10-3(1) 9"X15"

24,28 — LIBERTY RD R10-3(1) 9"X15"

PROPOSED SIGNS

42 — S1-1 FYG 36"X36" M6-2(1) FYG 30"X24"

43 — S1-1 FYG 36"X36" M6-2(1) FYG 30"X24"

EXISTING SIGNS TO REMAIN

29 — Liberty Rd EAST MARYLAND 26 WEST — M1-5(4) 78"x36"

30 — Liberty Rd WEST MARYLAND 26 EAST — M1-5(4) 78"x36"

31a,31b,32a,32b — Rolling RD — D-3(1) 72"X16" (DUAL FACE)

36,38,40 — S1-1 FYG 36"X36" M6-2(1) FYG 30"X24"

37,39,41 — S1-1 FYG 36"X36" M6-2(1) FYG 30"X24"

33,35 — ONLY — R3-5L 30"X36"

34 — NO TURN ON RED — R10-11b 24"X24"

EXISTING SIGNALS TO REMAIN

2,5 — 12"

3,6,9,12 — 12"

7,10 — 8"/12"

8,11 — 12"

1,4 — 12"/8"

18,19 — 16"

PROPOSED LED SIGNALS

13,14,15,16,17,20 — 16"

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6 Ø3 ALT. Ø4 ALT.

FLASHING OPERATION

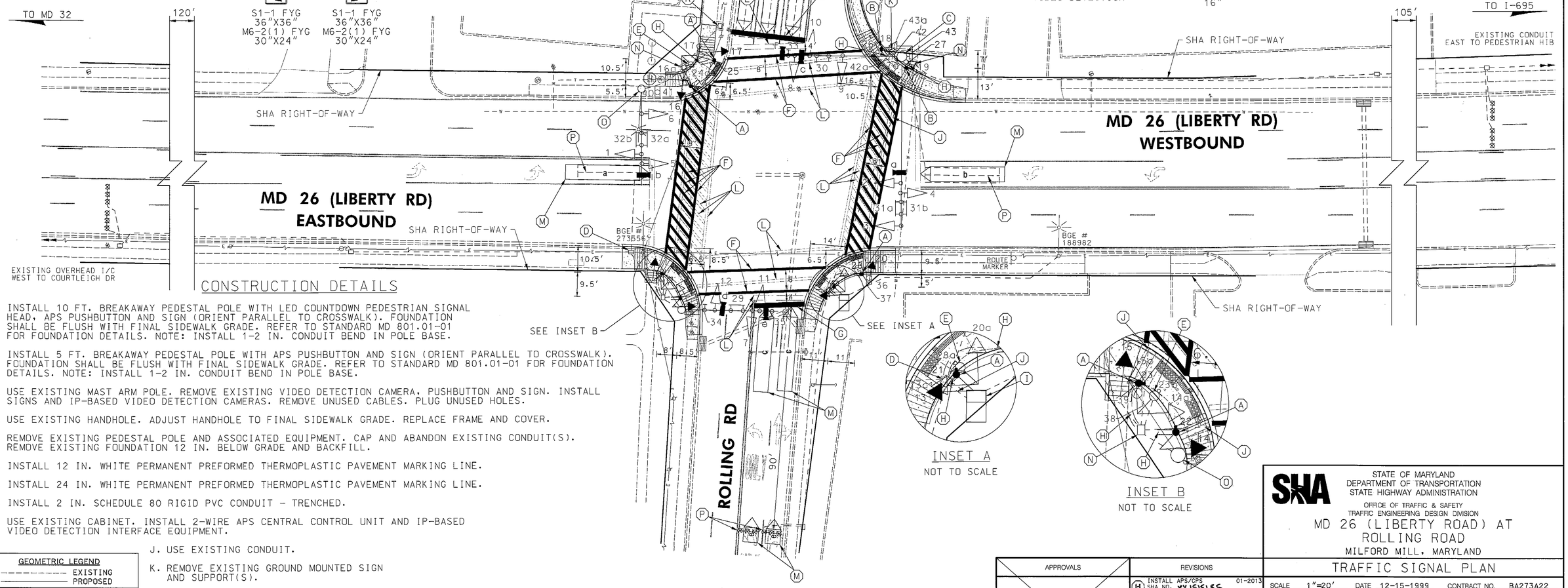
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNALS TO BE REMOVED

13a,14a,15a,16a,17a,20a — 16"

EXISTING VIDEO DETECTION TO BE REMOVED (1 EA.)

a,b,c,d,e,f — PROPOSED IP-BASED VIDEO DETECTION



CONSTRUCTION DETAILS

A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). FOUNDATION SHALL BE FLUSH WITH FINAL SIDEWALK GRADE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE.

B. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). FOUNDATION SHALL BE FLUSH WITH FINAL SIDEWALK GRADE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE.

C. USE EXISTING MAST ARM POLE. REMOVE EXISTING VIDEO DETECTION CAMERA, PUSHBUTTON AND SIGN. INSTALL SIGNS AND IP-BASED VIDEO DETECTION CAMERAS. REMOVE UNUSED CABLES. PLUG UNUSED HOLES.

D. USE EXISTING HANDHOLE. ADJUST HANDHOLE TO FINAL SIDEWALK GRADE. REPLACE FRAME AND COVER.

E. REMOVE EXISTING PEDESTAL POLE AND ASSOCIATED EQUIPMENT. CAP AND ABANDON EXISTING CONDUIT(S). REMOVE EXISTING FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

F. INSTALL 12 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

G. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

H. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

I. USE EXISTING CABINET. INSTALL 2-WIRE APS CENTRAL CONTROL UNIT AND IP-BASED VIDEO DETECTION INTERFACE EQUIPMENT.

J. USE EXISTING CONDUIT.

K. REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT(S).

L. REMOVE EXISTING PAVEMENT MARKING LINE.

M. PROPOSED VIDEO DETECTION ZONE.

N. USE EXISTING HANDHOLE.

O. USE EXISTING MAST ARM POLE. INSTALL IP-BASED VIDEO DETECTION CAMERA(S).

P. ABANDON EXISTING LOOP DETECTOR.

Q. ABANDON EXISTING MICROLOOP PROBE SET.

R. REMOVE EXISTING HANDHOLE. CAP AND ABANDON EXISTING CONDUITS. BACKFILL TO GRADE.

INSET A
NOT TO SCALE

INSET B
NOT TO SCALE

GEOMETRIC LEGEND
- EXISTING
- PROPOSED

UTILITY LEGEND
- SD — SD — STORM DRAIN
- G — G — GAS MAIN
- W — W — WATER MAIN
- S — S — SEWER MAIN
- E — E — ELECTRIC CABLES
- E — E — AERIAL CABLES
- T — T — TELEPHONE CABLES
- F — F — FIBER-OPTIC

BY: WFW

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

REVISIONS

H	INSTALL APS/CPS SHA NO. XY1515185 TIMS NO. 1933	01-2013
G	INSTALLATION OF VIDEO DETECTION CAMERAS TIMS NO. 1988	06-2007
F	REVISED SPLIT PHASING FOR ROLLING RD PREFORMED BY SIGNAL SHOP	08-27-2004

MFB BJG MP MP CSW
SLM JMC
EMM DJD DAZ BAK

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

MD 26 (LIBERTY ROAD) AT ROLLING ROAD
MILFORD MILL, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 12-15-1999 CONTRACT NO. BA273A22

DESIGNED BY
DRAWN BY JES
CHECKED BY DJD
FAP NO.
COUNTY BALTIMORE
LOGMILE 03002607.23
TIMS NO.
TOD NO.

TS NO. 1114 DRAWING SP-5 OF 10 SHEET NO. 1 OF 4