US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

20A: Rowanberry DR

20B: Rowanberry DR — D-3(1) (VARIABLE x 16")

18A: Pine AVE

18B: Pine AVE — D-3(1) (VARIABLE x 16")

21A,21B,23A,23B: Washington BLVD — D-3(1) (DUAL FACED) (VARIABLE x 16")

19: S Hanover Rd / Hunt Club Rd

22: ONLY — R3-5(R) (30"X36")

17: NO OUTLET — W14-2 (36"X36")

24: SOUTH 1 — ASSOCIATED SHIELD ASSEMBLY (24" X 51")

25: SOUTH 1 — ASSOCIATED SHIELD ASSEMBLY (36" X 75")

26: NORTH 1 — ASSOCIATED SHIELD ASSEMBLY (36" X 75")

27: NORTH 1 — ASSOCIATED SHIELD ASSEMBLY (24" X 51")

PROPOSED ASSESSIBLE PUSHBUTTON AND SIGN

15: ROWANBERRY DR R10-3(1) 9" x 15"

16: ROWANBERRY DR R10-3(1) 9" x 15"

EXISTING SIGNS TO BE REMOVED

28,29: LEFT TURN YIELD ON GREEN — R10-12 (36"X42")

EXISTING SIGNALS

1,4: 12"/8"

2,5: 12"

3,6,8,9,11,12: 12"

7,10: 8"

PROPOSED LED SIGNALS

13,14: 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD

EXISTING VIDEO DETECTION CAMERA

a,b,c,d

EXISTING SIGNALS TO BE REMOVED

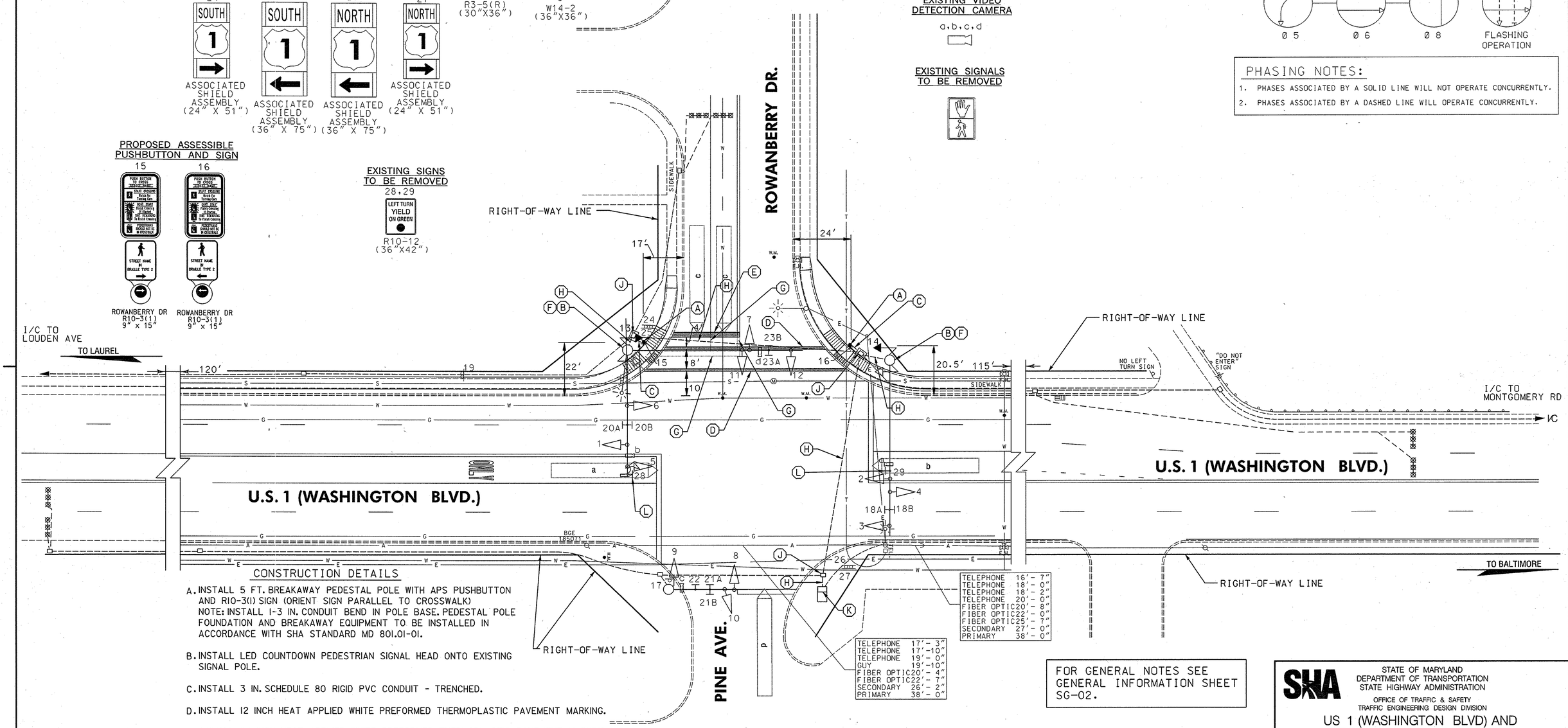
NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

PHASING NOTES:

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



CONSTRUCTION DETAILS

A. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND R10-3(I) SIGN (ORIENT SIGN PARALLEL TO CROSSWALK)
NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE. PEDESTAL POLE FOUNDATION AND BREAKAWAY EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH SHA STANDARD MD 801.01-01.

B. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD ONTO EXISTING SIGNAL POLE.

C. INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

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

E. INSTALL 24 INCH HEAT APPLIED WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING.

F. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD FROM EXISTING SIGNAL POLE (PLUG UNUSED HOLES).

G. REMOVE EXISTING PAVEMENT MARKING.

H. USE EXISTING CONDUIT.

J. USE EXISTING HANDHOLE.

K. USE EXISTING CABINET AND CONTROLLER.

CONSTRUCTION DETAILS CONTINUED

L. REMOVE EXISTING R10-12 SIGN FROM EXISTING MAST ARM.

FOR GENERAL NOTES SEE GENERAL INFORMATION SHEET SG-02.

CONSTRUCTION CONTRACT NO. HO414A59

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

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REVISIONS
A — UPGRADE TO APS PUSHBUTTONS AND COUNTDOWN PED SIGNALS — 4/2008
CONTRACT NO. AX3755133
MLH SDY

PLOTTED: $DATETIME$
FILE: $FILES

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

US 1 (WASHINGTON BLVD) AND ROWANBERRY DR/PINE AVE
ELKRIDGE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 7/21/2004 CONTRACT NO. AT3585185

DESIGNED BY S.BLOSS
DRAWN BY S.BLOSS
CHECKED BY N.LEARY
FAP NO.

COUNTY HOWARD
LOGMILE 13010009.03
TIMS NO. 1933
TOD NO. AT358-38M

TS NO. 3939-A | DRAWING SG-01 OF 02 | SHEET NO. 27 OF 30