US 1 IS CONSDIERED TO RUN IN A NORTH SOUTH DIRECTION

EXISTING SIGNS

17 — SOUTH 1 NORTH — M95-1 24"X72"

19 — NORTH 1 SOUTH — M95-1 24"X72"

18,20 — ONLY — R3-5(L) (30"x36")

15,16 — LEFT TURN YIELD ON GREEN — R10-12 (36"x42") TO BE REMOVED

PROPOSED SIGNS

13 — PUSH BUTTON TO CROSS BELAIR RD; START CROSSING Watch For Turning Vehicles; DONT START Finish Crossing If Started; ONC BEHAVIORING To Finish Crossing; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2 — R10-3(1) 9" x 15"

14 — PUSH BUTTON TO CROSS BELAIR RD; START CROSSING Watch For Turning Vehicles; DONT START Finish Crossing If Started; ONC BEHAVIORING To Finish Crossing; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; STREET NAME IN BRAILLE TYPE 2 — R10-3(1) 9" x 15"

EXISTING SIGNALS

1,4 — R Y G — 12"/8"

2,5 — R Y G — 12"

3,6-10 — R Y G — 12"

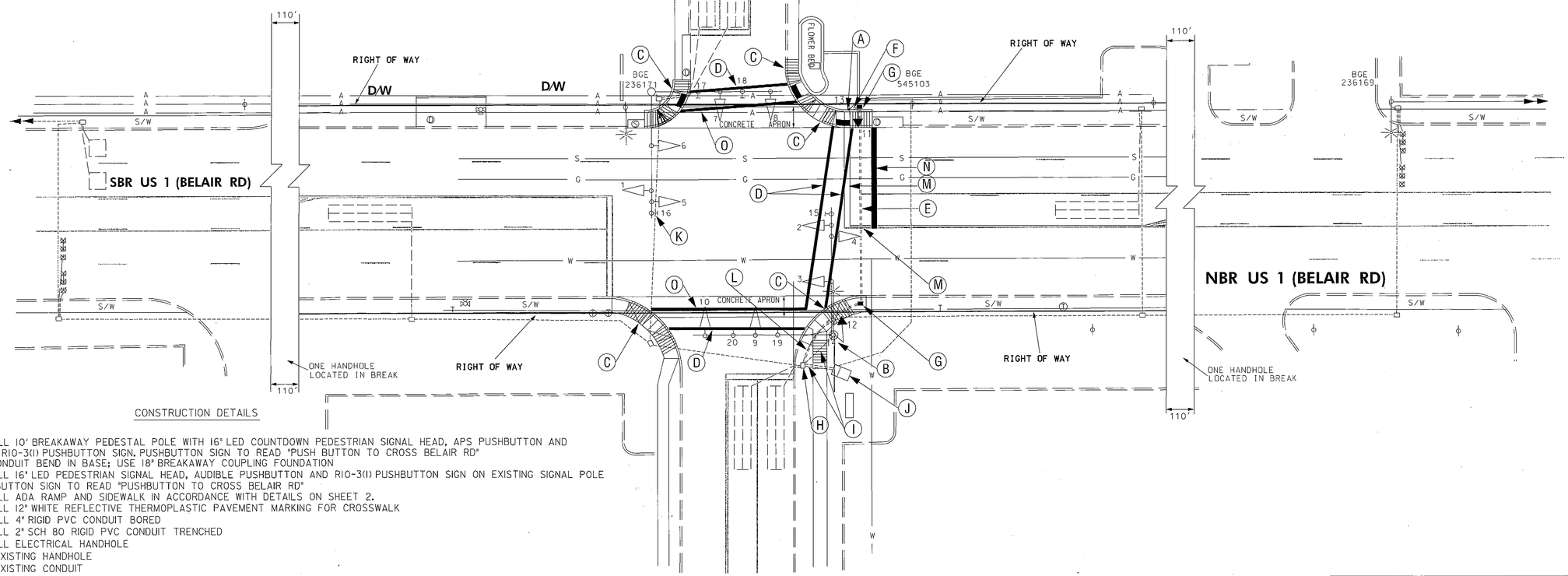
PROPOSED SIGNALS

11,12 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

NEMA PHASING

Ø1 Ø2 Ø4 FLASHING OPERATION Ø5 Ø6 Ø8 Ø4&Ø8 ALT

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



CONSTRUCTION DETAILS

A. INSTALL 10' BREAKAWAY PEDESTAL POLE WITH 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND 9"X15" R10-3(1) PUSHBUTTON SIGN. PUSHBUTTON SIGN TO READ "PUSH BUTTON TO CROSS BELAIR RD" 12" CONDUIT BEND IN BASE; USE 18" BREAKAWAY COUPLING FOUNDATION
B. INSTALL 16" LED PEDESTRIAN SIGNAL HEAD, AUDIBLE PUSHBUTTON AND R10-3(1) PUSHBUTTON SIGN ON EXISTING SIGNAL POLE PUSHBUTTON SIGN TO READ "PUSHBUTTON TO CROSS BELAIR RD"
C. INSTALL ADA RAMP AND SIDEWALK IN ACCORDANCE WITH DETAILS ON SHEET 2.
D. INSTALL 12" WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK
E. INSTALL 4" RIGID PVC CONDUIT BORED
F. INSTALL 2" SCH 80 RIGID PVC CONDUIT TRENCHED
G. INSTALL ELECTRICAL HANDHOLE
H. USE EXISTING HANDHOLE
I. USE EXISTING CONDUIT
J. USE EXISTING SIGNAL CABINET
K. REMOVE EXISTING MAST ARM MOUNTED SIGN
L. INSTALL 4" RIGID SCH 80 PVC CONDUIT-TRENCHED
M. REMOVE EXISTING PAVEMENT MARKING
N. INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE
O. INSTALL 12" WHITE REFLECTIVE PREFORMED PAVEMENT MARKING TAPE ON CONCRETE APRON.

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

TOD NO: XX353-28
SHA NO: BA824K57
US 1 @ Brick Bodies Square/Perry Hall Shopping Center

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

US 1 (BELAIR RD) @ PERRY HALL MARKETPLACE/ NORTHVIEW SHOPPING CENTER ENTRANCE

APPROVALS: TEAM LEADER, ASST. DIV. CHIEF, DIVISION ORIGINALS ON FILE, OFFICE DIRECTOR

REVISIONS
A. INSTALL CROSSWALK ON NORTH, EAST AND WEST LEGS. INDICATIONS AND BUTTON ON NORTH LEG — March 2011 — K155 — XX353-16B — CJS

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE FEB. 2, 2000 CONTRACT NO. BW996M82

DESIGNED BY J. DIRNDORFER — COUNTY BALTIMORE
DRAWN BY J. DIRNDORFER — LOGMILE 030001021.12
CHECKED BY K. WINKLER — TIMS NO. D698
F.A.P. NO. N/A — TOD NO.

TS NO. 3986 A — DRAWING SG-1 OF 2 — SHEET NO. 1 OF 2

PLOTTED: Wednesday, March 16, 2011 at 12:25:16 PM
FILE: psG-P000_TIMS.dgn

BY: cstrain