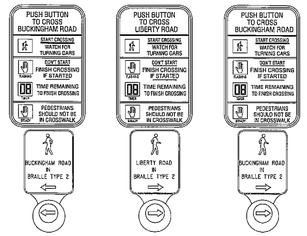
MD 26 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

## EXISTING SIGNS TO BE REMOVED




R10-3(1) 9" x 15" (1 EA.)
R10-3(1) 9" x 15" (2 EA.)
R10-3(1) 9" x 15" (1 EA.)

## EXISTING SIGNS TO REMAIN

16a,16b — Buckingham RD — D-3(1) VAR.x16" (DUAL FACE)

17 — Liberty RD — D-3(1) VAR.x16"

## PROPOSED LED SIGNALS

8,9,10,11 — 16"

## EXISTING LED SIGNALS TO BE REMOVED

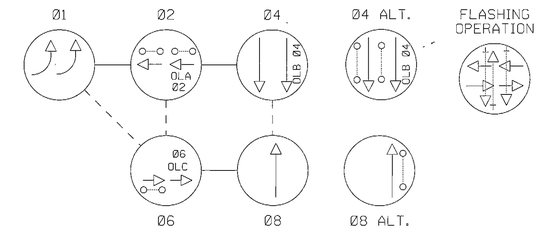
16" (4 EA.)

## EXISTING LED SIGNALS TO REMAIN

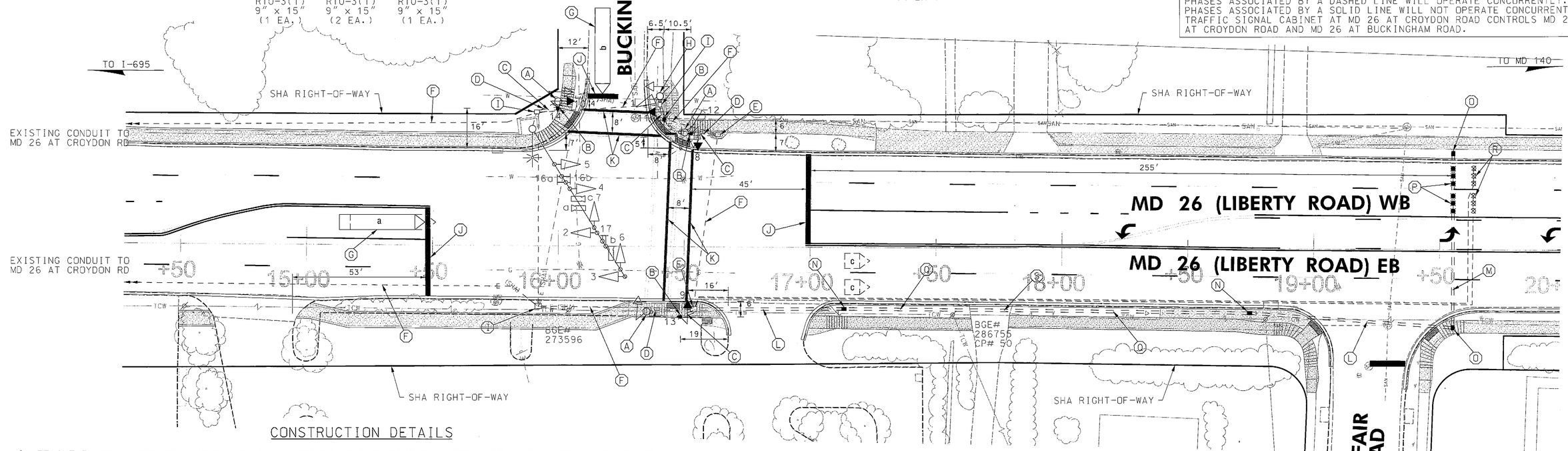
1 — 8"/12"
2 — 12"
3,4,5,6,7 — 12"

a,b,c — EXISTING VIDEO DETECTION

## NEMA PHASING




NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
TRAFFIC SIGNAL CABINET AT MD 26 AT CROYDON ROAD CONTROLS MD 26 AT CROYDON ROAD AND MD 26 AT BUCKINGHAM ROAD.




## CONSTRUCTION DETAILS

A. REMOVE EXISTING PEDESTAL POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION BELOW GRADE AND MAKE FLUSH WITH FINAL SIDEWALK GRADE.

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

C. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

D. CAP AND ABANDON EXISTING CONDUIT.

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

F. USE EXISTING CONDUIT.

G. PROPOSED VIDEO DETECTION ZONE. CONTRACTOR SHALL COORDINATE WITH SHA TO RE-AIM EXISTING VIDEO DETECTION CAMERAS AS NECESSARY.

H. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN FROM PEDESTRAL POLE. REMOVE UNUSED WIRING. PLUG UNUSED HOLES.

I. USE EXISTING HANDHOLE.

J. INSTALL 24 INCH WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

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

L. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.

M. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED FOR CARRIER PIPE. CONTRACTOR SHALL INSTALL CONDUIT PRIOR TO FINAL ROADWAY SURFACE INSTALLATION.

N. INSTALL ELECTRICAL HANDHOLE.

O. INSTALL ELECTRICAL HANDHOLE. INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO ROADWAY.

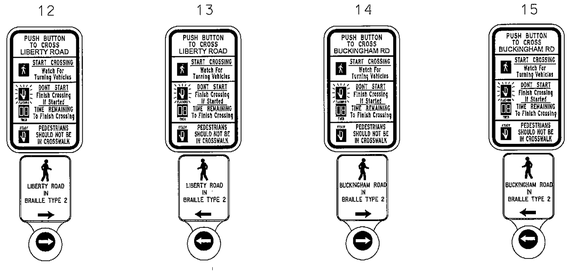
P. INSTALL NON-INVASIVE MICRO-LOOP PROBE DETECTOR WITH LEAD-IN CABLE. INSTALL DETECTORS CENTERED IN LANE.

Q. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

R. ABANDON EXISTING MICRO-LOOP PROBE DETECTORS.

S. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED UNDER SPAN OF EXISTING DRIVEWAY APRON.

## PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS




12 — LIBERTY ROAD R10-3(1) 9" x 15"
13 — LIBERTY ROAD R10-3(1) 9" x 15"
14 — BUCKINGHAM ROAD R10-3(1) 9" x 15"
15 — BUCKINGHAM ROAD R10-3(1) 9" x 15"

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: WFW

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(F) INSTALL APS & CPS SHA NO. BA5965177 TIMS NO. K-983 — 08-2012
BJG HO
E RECONST. TO MAST ARMS, VIDEO CAMERAS & AUDIO PEDS SHA NO. BA4845176 TIMS NO. G503 — 12-06-05
EMM TH
D INSTALL MD 26 DETECTORS — 07-94
SEW

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

MD 26 (LIBERTY ROAD) AT BUCKINGHAM ROAD
LOCHEARN, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 01-26-1968 CONTRACT NO.
DESIGNED BY
DRAWN BY E.L. FEIST
CHECKED BY
FAP NO.
COUNTY BALTIMORE
LOGMILE 03002608.72
TIMS NO. G503
TOD NO.

TS NO. 4437F | DRAWING SP-2 OF 10 | SHEET NO. 40 OF 62

PLOTTED: Thursday, August 09, 2012 AT 10:30 AM
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