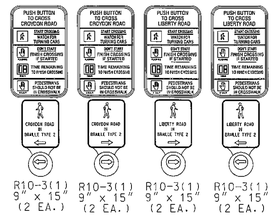
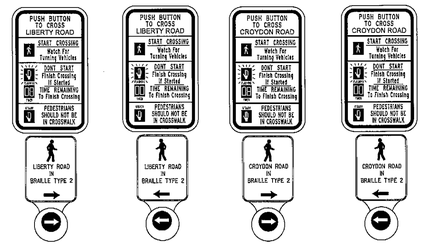
EXISTING SIGNS TO BE REMOVED



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

PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS

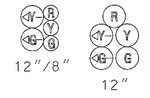


LIBERTY RD R10-3(1) 9" x 15" LIBERTY RD R10-3(1) 9" x 15" CROYDON RD R10-3(1) 9" x 15" CROYDON RD R10-3(1) 9" x 15"

EXISTING SIGNS TO REMAIN

26a,26b,27a,27b

EXISTING LED SIGNALS TO REMAIN



EXISTING LED SIGNALS TO BE REMOVED

(8 EA.)

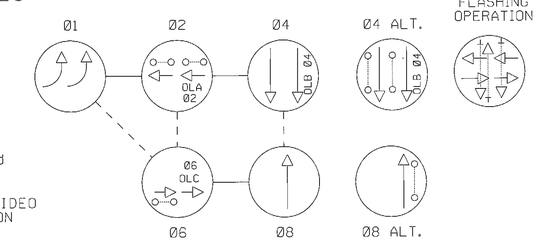
PROPOSED LED SIGNALS

10,11,12,13,
14,15,16,17

a,b,c,d

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 CONTROLLER AT MD 26 AT CROYDON ROAD CONTROLS
MD 26 AT CROYDON ROAD AND MD 26 AT BUCKINGHAM ROAD.

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

TO I-695

DURLEY LANE

CROYDON ROAD

TO MD 140

SHA RIGHT-OF-WAY

EXISTING CONDUIT TO MD 26 AT BUCKINGHAM RD

MD 26 (LIBERTY ROAD) WB

MD 26 (LIBERTY ROAD) EB

9+00 +50 10+00 +50 11+00 +50 12+00 13+00 +50 14+00

255'

EXISTING CONDUIT TO MD 26 AT I-695 RAMPS

SEE INSET A

INSET A
NOT TO SCALE

BGE# 273599
OP#55

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. USE EXISTING CABINET. INSTALL 2-WIRE APS CENTRAL CONTROL UNITS.

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

I. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN FROM MAST ARM POLE. REMOVE UNUSED WIRING. PLUG UNUSED HOLES.

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

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

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

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

N. REMOVE EXISTING VIDEO DETECTION ZONE.

O. REMOVE EXISTING METERED SERVICE PEDESTAL.

P. INSTALL 100-AMP EMBEDDED METERED SERVICE PEDESTAL. INSTALL 3-2 IN. AND 1-4 IN. CONDUIT BENDS IN BASE.

Q. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED. STUB AT UTILITY POLE NO. 273599.

R. USE EXISTING HANDHOLE.

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

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

U. USE EXISTING CABINET.

V. ABANDON EXISTING MICRO-LOOP PROBE DETECTORS.

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

RK&K
Rummel, Klepper & Kahl, LLP
81 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2900 FAX: (410) 728-3169
Engineers Construction Managers Planners Scientists
www.rkk.com

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

REVISIONS
F INSTALL APS & CPS 08-2012
SHA NO: BA5965177
TIMS NO. K-986
BJG HD
E RECONST. TO MAST ARMS, 12-06-05
VIDEO CAMERAS & AUDIO PEDS
SHA NO. BA4845176 TIMS. ND G503
EMM TH
D INSTALL MD 26 DETECTORS 07-94
SEW

PLOTTED: Thursday, August 09, 2012 AT 10:35 AM
FILE \\vkern\v2008\2008\08148_bcddes\Task 60_MD 26 APS\CADD\pSG-0001_MD26@Croydon.dgn

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

MD 26 (LIBERTY RD) AT CROYDON RD
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 03002608.65
TIMS NO. G503
TOD NO.

TS NO. 4436F DRAWING SP-1 OF 10 SHEET NO. 39 OF 62