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

## PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS

20,24 — COURTLEIGH DR R10-3(1) 9"X15"

21,25 — COURTLEIGH DR R10-3(1) 9"X15"

22,26 — LIBERTY RD R10-3(1) 9"X15"

23,27 — LIBERTY RD R10-3(1) 9"X15"

## EXISTING SIGNS TO BE REMOVED

22a,23a,26a,27a — 9"X12"

## EXISTING SIGNS TO BE RELOCATED

30 — R3-9b 36"X48"

## EXISTING SIGNS TO REMAIN

28a,28b,29a,29b — D-3(1) 90"X16" (DUAL FACE)

## PROPOSED LED SIGNALS

13,14 — 16"

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

## EXISTING SIGNALS TO REMAIN

1,2,4,5,7,8,10,11 — 12"

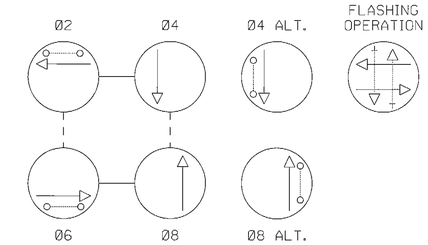
3,6,9 — 8"

12,15,16,17,18,19 — 16"

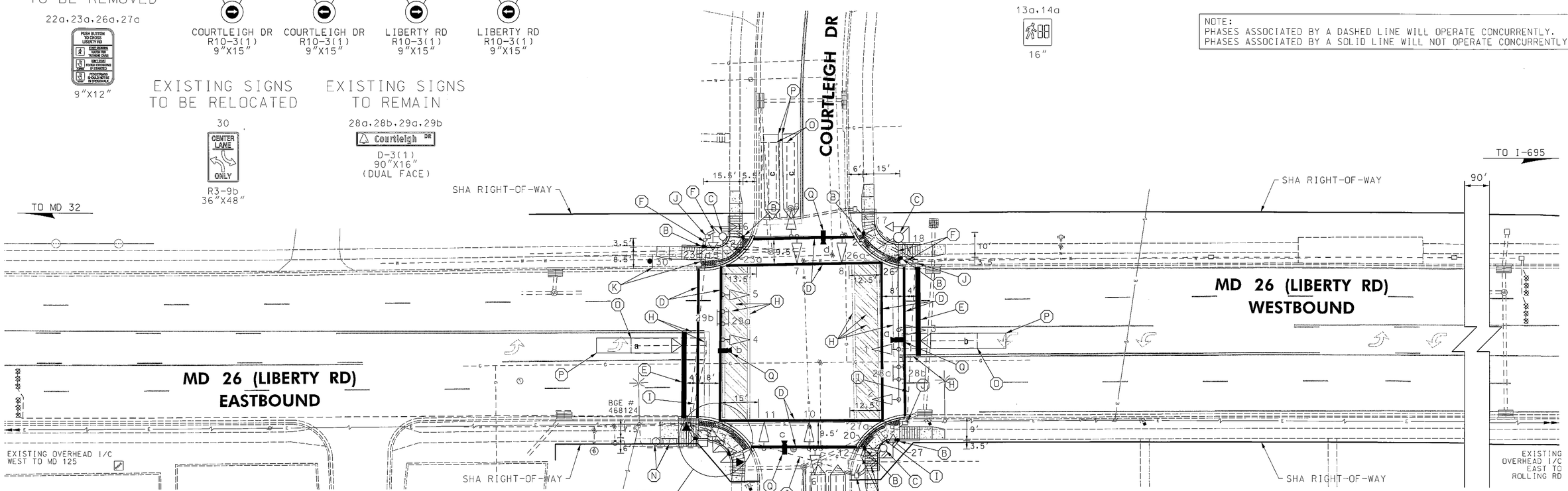
## EXISTING SIGNALS TO BE REMOVED

13a,14a — 16"

## NEMA PHASING




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 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 PUSHBUTTON AND SIGN. REMOVE UNUSED CABLES. PLUG UNUSED HOLES.

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

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

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

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

H. REMOVE EXISTING PAVEMENT MARKING LINE.

I. USE EXISTING CONDUIT.

J. USE EXISTING HANDHOLE.

K. RELOCATE EXISTING GROUND MOUNTED SIGN ON 1-4"X6" WOOD SIGN SUPPORT (DRILLED).

L. REMOVE EXISTING PEDESTAL POLE. REMOVE EXISTING FOUNDATION 12 IN. BELOW GRADE AND BACKFILL. CAP AND ABANDON EXISTING CONDUITS.

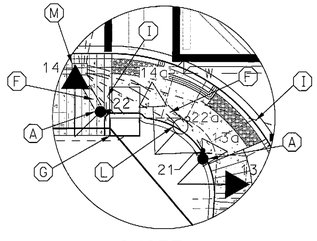
M. USE EXISTING HANDHOLE. ADJUST TO FINAL SIDEWALK GRADE.

N. RELOCATE EXISTING BENCH AND TRASH BIN (SEE SIDEWALK PLANS FOR DETAILS).

O. ABANDON EXISTING LOOP DETECTOR.

P. PROPOSED VIDEO DETECTION ZONE.

Q. INSTALL IP-BASED VIDEO DETECTION CAMERA WITH LEAD-IN CABLE ON EXISTING MAST ARM. AIMING OF THE CAMERA SHALL BE COORDINATED WITH THE ENGINEER.



INSET A
NOT TO SCALE

### SPECIAL NOTE

STAMPED PAVEMENT CROSSWALKS SHALL REMAIN FOR THE NORTH AND SOUTH LEGS OF THE INTERSECTION

### GEOMETRIC LEGEND

EXISTING
PROPOSED

### UTILITY LEGEND

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

BY: WFW

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www.rkk.com

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

REVISIONS

| | | |
|---|---|---|
| C | INSTALL APS/CPS SHA NO. XY1515185 TIMS NO. 1825 | 01-2013 |

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

MD 26 (LIBERTY ROAD) AT COURTLEIGH DRIVE
MILFORD MILL, MARYLAND

## TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 12-16-1999 CONTRACT NO. BA273A22

DESIGNED BY ____ COUNTY BALTIMORE
DRAWN BY JES LOGMILE 03002606.74
CHECKED BY DJD TIMS NO. ____
FAP NO. ____ TOD NO. ____

TS NO. 790C | DRAWING SP-7 OF 10 | SHEET NO. 1 OF 3

PLOTTED: Thursday, January 03, 2013 AT 01:29 PM
FILE: \\rkrm\v2008\2008\08148_tcddes\Task 144_MD 26 APS Locheim\CADD\pSG-0007_MD26@Courtleigh.dgn