MD 140 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

27 — OM1-3 FY 18"X18"

28 — R4-7(1) 18"X30"

EXISTING SIGNS TO REMAIN

25a — Woodholme AVE — D-3(1) 90"X16" (DUAL FACE)

25b — Woodholme AVE — D-3(1) 90"X16" (DUAL FACE)

26a — Hooks LN — D-3(1) 66"X16" (DUAL FACE)

21,22 — NO TURN ON RED — R10-11b 24"X24"

23 — ONLY — R3-5R 30"X36"

24 — BRIDGE AHEAD 15T 22T 40T — R12-5 (MOD) 30"X42"

26b — Hooks LN — D-3(1) 66"X16" (DUAL FACE)

EXISTING SIGNS TO BE RELOCATED

31 — NORTH MARYLAND 140 — M1-5(6) 48"X72"

32 — NORTH MARYLAND 140 — M1-5(6) 30"X48"

29 — SOUTH MARYLAND 140 — M1-5(6) 48"X72"

30 — SOUTH MARYLAND 140 — M1-5(6) 30"X48"

19a,19b,20a,20b — Reisterstown RD — D-3(1) 90"X16" (DUAL FACE)

EXISTING SIGNS TO BE REMOVED

36 — 24"X36"

34,35 — PUSH BUTTON TO CROSS REISTERSTOWN RD — 9"X12"

33 — ADOPT A HIGHWAY MIKE FINIFLER AND ASSOCIATES SWAT TEAM — 36"X24"

EXISTING LED SIGNALS TO REMAIN

1,2,5,6 — 12"

3,4,7,8,9,10,11,13 — 12"

12 — 12"/8"

14 — 12"

16 — 16"

EXISTING LED SIGNALS TO BE REMOVED

15a — 16"

a,b,c,d — EXISTING VIDEO DETECTION

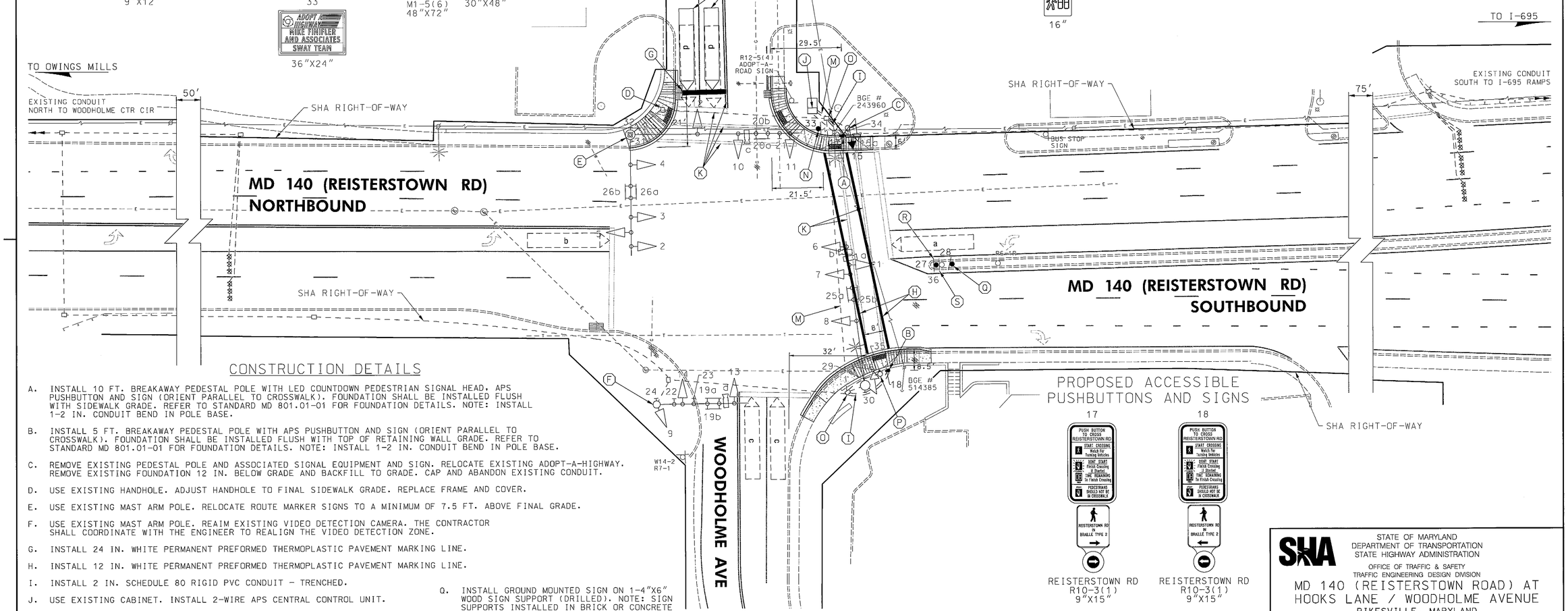
PROPOSED LED SIGNALS

15 — 16"

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8 Ø8 ALT. — FLASHING OPERATION

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



PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS

17 — PUSH BUTTON TO CROSS REISTERSTOWN RD — REISTERSTOWN RD IN BRAILLE TYPE 2 — REISTERSTOWN RD R10-3(1) 9"X15"

18 — PUSH BUTTON TO CROSS REISTERSTOWN RD — REISTERSTOWN RD IN BRAILLE TYPE 2 — REISTERSTOWN RD R10-3(1) 9"X15"

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 INSTALLED FLUSH WITH 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 INSTALLED FLUSH WITH TOP OF RETAINING WALL GRADE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE.

C. REMOVE EXISTING PEDESTAL POLE AND ASSOCIATED SIGNAL EQUIPMENT AND SIGN. RELOCATE EXISTING ADOPT-A-HIGHWAY. REMOVE EXISTING FOUNDATION 12 IN. BELOW GRADE AND BACKFILL TO GRADE. CAP AND ABANDON EXISTING CONDUIT.

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

E. USE EXISTING MAST ARM POLE. RELOCATE ROUTE MARKER SIGNS TO A MINIMUM OF 7.5 FT. ABOVE FINAL GRADE.

F. USE EXISTING MAST ARM POLE. REAIM EXISTING VIDEO DETECTION CAMERA. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO REALIGN THE VIDEO DETECTION ZONE.

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

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

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

J. USE EXISTING CABINET. INSTALL 2-WIRE APS CENTRAL CONTROL UNIT.

K. REMOVE EXISTING PAVEMENT MARKING LINE.

L. PROPOSED VIDEO DETECTION ZONE.

M. USE EXISTING CONDUIT.

N. INSTALL RELOCATED SIGN ON 1-4"X4" WOOD SIGN SUPPORT.

O. USE EXISTING HANDHOLE.

P. REMOVE EXISTING PEDESTAL POLE, ASSOCIATED SIGNAL EQUIPMENT AND SIGN. REMOVE EXISTING FOUNDATION 12 IN. BELOW GRADE AND BACKFILL TO GRADE. CAP AND ABANDON EXISTING CONDUIT.

Q. INSTALL GROUND MOUNTED SIGN ON 1-4"X6" WOOD SIGN SUPPORT (DRILLED). NOTE: SIGN SUPPORTS INSTALLED IN BRICK OR CONCRETE SHALL HAVE SLEEVED FOUNDATIONS MEETING THE STANDARDS MD 812.05-01 AND MD 812.05-02. SLEEVED FOUNDATIONS ARE INCIDENTAL TO THE WOOD SIGN SUPPORTS.

R. INSTALL GROUND MOUNTED SIGN ON 1-4"X4" WOOD SIGN SUPPORT. NOTE: SIGN SUPPORTS INSTALLED IN BRICK OR CONCRETE SHALL HAVE SLEEVED FOUNDATIONS MEETING THE STANDARDS MD 812.05-01 AND MD 812.05-02. SLEEVED FOUNDATIONS ARE INCIDENTAL TO THE WOOD SIGN SUPPORTS.

S. REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT.

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

RK&K
Rummel, Klepper & Kahl, LLP
81 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2900 FAX: (410) 728-0160
Engineers Construction Managers Planners Scientists
www.rkk.com

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

REVISIONS
D — INSTALL APS/CPS SHA NO. XY1515185 TIMS NO. L825 — 03-2013
C — MODIFY FOR NEW GEOMETRICS SHA NO. BA1935172 — 04-2001
KJS | MDB | DJD | BRK | TH

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

MD 140 (REISTERSTOWN ROAD) AT HOOKS LANE / WOODHOLME AVENUE
PIKESVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 07-30-1982 CONTRACT NO. BW6508014 12

DESIGNED BY J.A.BOLING
DRAWN BY D.W.HAYES
CHECKED BY
FAP NO.
COUNTY BALTIMORE
LOGMILE 03014002.14
TIMS NO.
TOD NO.

TS NO. 1813D | DRAWING SP-1 | OF 4 | SHEET NO. 1 OF 3

PLOTTED: Thursday, February 28, 2013 AT 01:07 PM
FILE: \\balsrv03\v2008\2008\08148_tcddes\Task 146_MD 140 at Hooks & MD 129 at Hooks (L702)\CADD\cSG-0001_MD140@HooksLn.dgn