MD 129 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO BE REMOVED

20,21 — PUSH BUTTON TO CROSS PARK HEIGHTS AVE — 9"X12" (1 EA.)

22 — LEFT TURN YIELD ON GREEN — 30"X36" (1 EA.)

PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS

12 — PUSH BUTTON TO CROSS PARK HEIGHTS AVE; START CROSSING; WAIT FOR Turning Vehicles; DON'T START Finish Crossing If Started; TIME REMAINING To Finish Crossing; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; PARK HEIGHTS AVE IN BRAILLE TYPE 2 — PARK HEIGHTS AVE R10-3(1) 9"X15"

13 — PUSH BUTTON TO CROSS PARK HEIGHTS AVE; START CROSSING; WAIT FOR Turning Vehicles; DON'T START Finish Crossing If Started; TIME REMAINING To Finish Crossing; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; PARK HEIGHTS AVE IN BRAILLE TYPE 2 — PARK HEIGHTS AVE R10-3(1) 9"X15"

EXISTING SIGNS TO REMAIN

13a,14b — Michelle Way / Hooks Lane — D-3(1) 90"X32" (DUAL FACE)

13b,14a — Hooks Lane / Michelle Way — D-3(1) 90"X32" (DUAL FACE)

17 — ONLY — R3-5L 30"X36"

18 — ONLY — R3-5R 30"X36"

15a,15b,16a,16b — Park Heights AVE — D-3(1) 90"X16" (DUAL FACE)

19 — ADOPT A HIGHWAY STAFF OF RICHARD BYRD ASSOC SWAT TEAM — 36"X24"

EXISTING LED SIGNALS TO REMAIN

1 — 12"/8"; 2 — 12"; 3,4,5 — 12"; 6,8,9 — 8"; 7 — 12"; 11 — 16"

a — EXISTING IP-BASED VIDEO DETECTION TO REMAIN

EXISTING SIGNALS TO BE REMOVED

10a — 16"

PROPOSED LED SIGNALS

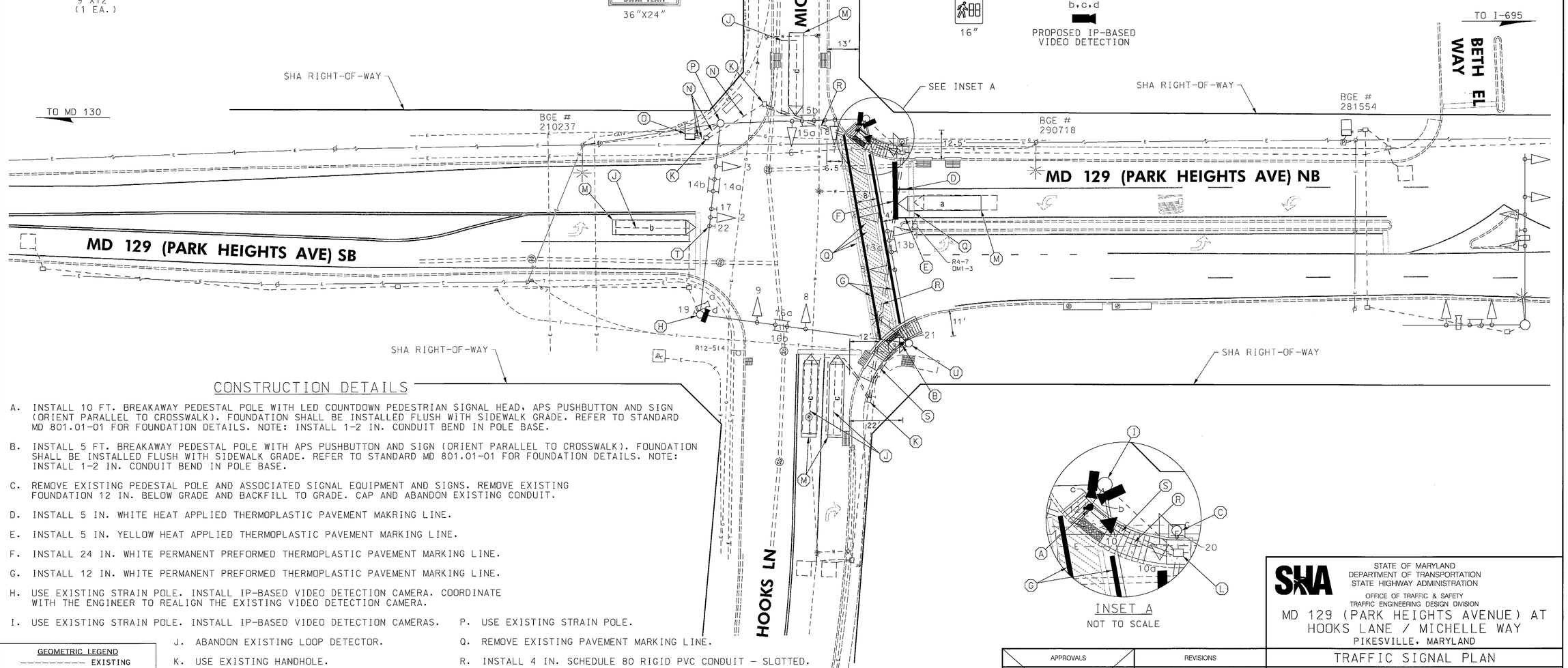
10 — 16"

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

NEMA PHASING

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

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 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 SIDEWALK 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 SIGNS. REMOVE EXISTING FOUNDATION 12 IN. BELOW GRADE AND BACKFILL TO GRADE. CAP AND ABANDON EXISTING CONDUIT.

D. INSTALL 5 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MAKRING LINE.

E. INSTALL 5 IN. YELLOW HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING LINE.

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

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

H. USE EXISTING STRAIN POLE. INSTALL IP-BASED VIDEO DETECTION CAMERA. COORDINATE WITH THE ENGINEER TO REALIGN THE EXISTING VIDEO DETECTION CAMERA.

I. USE EXISTING STRAIN POLE. INSTALL IP-BASED VIDEO DETECTION CAMERAS.

J. ABANDON EXISTING LOOP DETECTOR.

K. USE EXISTING HANDHOLE.

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

M. PROPOSED VIDEO DETECTION ZONE.

N. USE EXISTING CONDUIT.

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

P. USE EXISTING STRAIN POLE.

Q. REMOVE EXISTING PAVEMENT MARKING LINE.

R. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.

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

T. REMOVE EXISTING SPAN MOUNTED SIGN.

U. USE EXISTING STRAIN POLE. REMOVE EXISTING PUSHBUTTON AND SIGN. REMOVE UNUSED WIRES. PLUG UNUSED HOLES.

INSET A
NOT TO SCALE

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

REVISIONS

E	INSTALL APS/CPS, IP-BASED VIDEO DETECTION CAMERAS SHA NO. XY1515195, TIMS NO. L825						03-2013
D	INSTALLATION OF VIDEO DETECTION CAMERA TIMS NO. K842						03-2011
	SM	JMC	DJD	RWB	WG	TH	
C	WIDENING OF SOUTHBOUND MD 129						08-1997
	DBD	DAB			BRK	TH	

PLOTTED: Tuesday, March 05, 2013 AT 07:57 AM
FILE: \\balsrv03\v2008\2008\08148_tcddes\Task 146_MD 140 at Hooks & MD 129 at Hooks (L702)\CADD\pSG-0003_MD129@HooksLn.dgn

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

MD 129 (PARK HEIGHTS AVENUE) AT HOOKS LANE / MICHELLE WAY
PIKESVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 09-11-1987 CONTRACT NO.

DESIGNED BY R.R.ZACHERL
DRAWN BY W.J.NIES
CHECKED BY DJD
FAP NO.

COUNTY BALTIMORE
LOGMILE 03012901.63
TIMS NO.
TOD NO.

TS NO. 2444E DRAWING SP-3 OF 4 SHEET NO. 1 OF 2