MD 5 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS

12,14 — PUSH BUTTON TO CROSS THREE NOTCH RD; START CROSSING / Watch For Turning Vehicles; DON'T START / Finish Crossing If Started; TIME REMAINING / To Finish Crossing; PEDESTRIANS / SHOULD NOT BE IN CROSSWALK; THREE NOTCH RD IN BRAILLE TYPE 2
THREE NOTCH ROAD R10-3(1) 9"X15"

11,13 — PUSH BUTTON TO CROSS THREE NOTCH RD; START CROSSING / Watch For Turning Vehicles; DON'T START / Finish Crossing If Started; TIME REMAINING / To Finish Crossing; PEDESTRIANS / SHOULD NOT BE IN CROSSWALK; THREE NOTCH RD IN BRAILLE TYPE 2
THREE NOTCH ROAD R10-3(1) 9"X15"

EXISTING SIGNS TO REMAIN

17,19 — Mohawk Drive — D-3(1) VAR.X16"
20 — R3-5(MOD) 30"X36"
21 — ONLY — R3-5L 30"X36"

EXISTING SIGNS TO BE REMOVED

15a — R4-7 24"x30"
18 — LEFT TURN SIGNAL — R10-10L 24"X30"

PROPOSED SIGNS

15 — R4-7@15° 24"X30"
16 — Three Notch RD — D-3(1) 84"X16"
22,23 — R4-7@15° 36"X48"
24 — NORTH MARYLAND 5 — M1-5(6) 24"X48"
25 — SOUTH MARYLAND 5 — M1-5(6) 36"X72"
26 — OM1-3 FY 18"X18"

EXISTING LED SIGNALS

1,2,5,6 7,8 — R Y G — 12"
3,4 — R Y G — 12"

PROPOSED LED SIGNALS

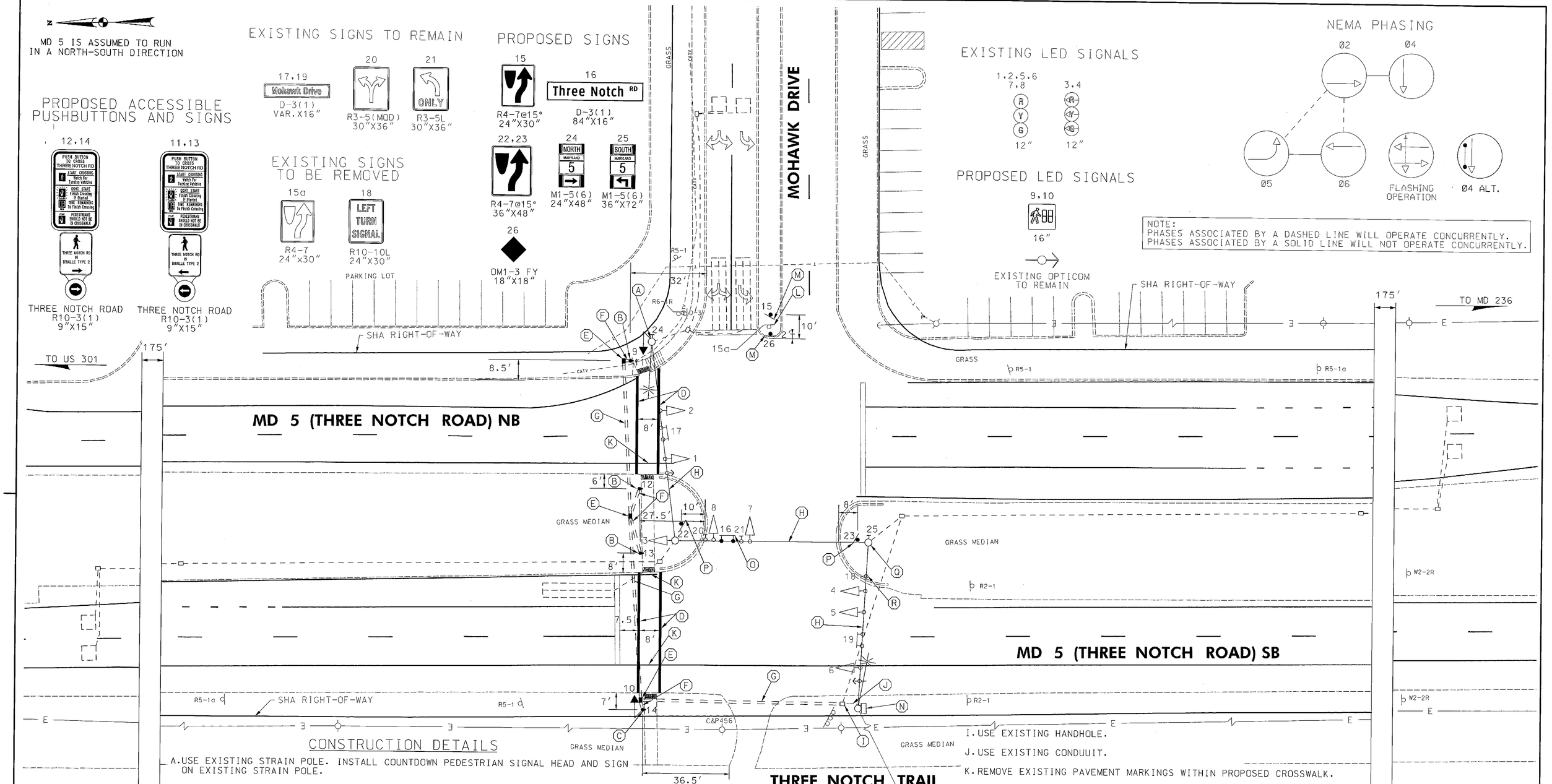
9,10 — 16"

EXISTING OPTICOM TO REMAIN

NEMA PHASING

Ø2 Ø4 Ø5 Ø6
FLASHING OPERATION
Ø4 ALT.

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



CONSTRUCTION DETAILS

A. USE EXISTING STRAIN POLE. INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD AND SIGN ON EXISTING STRAIN POLE.

B. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. FOUNDATION SHALL BE INSTALLED FLUSH WITH FINAL SIDEWALK GRADE. REFER TO STANDARD MD 801-01.01 FOR FOUNDATION DETAILS. CUT, CLEAN, GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE.

C. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN 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 SIDEWALK GRADE.

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

E. INSTALL ELECTRICAL HANDHOLE.

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

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

H. USE EXISTING SPAN WIRE.

I. USE EXISTING HANDHOLE.

J. USE EXISTING CONDUUIT.

K. REMOVE EXISTING PAVEMENT MARKINGS WITHIN PROPOSED CROSSWALK.

L. REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT.

M. INSTALL SIGN ON 1-4 INCH X 4 INCH WOOD SIGN SUPPORT.

N. USE EXISTING POLE MOUNTED CABINET. INSTALL 2-WIRE APS CENTRAL CONTROL UNIT.

O. INSTALL SIGN ON EXISTING SPAN WIRE. (NO NUMBER)

P. INSTALL SIGN ON 1-4 INCH X 6-INCH WOOD SIGN SUPPORT(DRILLED).

Q. USE EXISTING STRAIN POLE. INSTALL SIGN.

R. REMOVE EXISTING SPAN MOUNTED SIGN.

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: BJG

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

REVISIONS
C ADD APS/CPS 12-2012
TIMS NO. L611 SHA NO. XY1395185
GS BJG
B REPLACE POLE AND CABINET DUE TO ACCIDENT 8-19-2002 TH
A REMOVE E/P'S TO EXCLUSIVE ON MD5 12-11-1992 TH
MR

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

MD 5 (THREE NOTCH RD) AT MOHAWK DRIVE
CHARLOTTE HALL, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 5-15-87 CONTRACT NO. SM-755-459-585
DESIGNED BY C.L.D OF G.P.I
DRAWN BY P.A.H OF G.P.I
CHECKED BY
FAP NO. N/A
COUNTY ST MARY'S
LOGMILE 18000545.12
TIMS NO.
TOD NO.
TS NO. 2299C DRAWING SP-1 OF 2 SHEET NO. 1 OF 2

PLOTTED: Thursday, December 06, 2012 AT 09:59 AM
FILE: \\rkkm\v2008\2008\08148_toddes\Task 151_MD 5 at Mohawk\CADD\pSG-0001_MD5@Mohawk.dgn