MD 170 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

44 EAST MARYLAND 169 / WEST MARYLAND 169

38 WEST MARYLAND 169 / EAST MARYLAND 169

49 NORTH MARYLAND 170 / SOUTH MARYLAND 170

55 SOUTH MARYLAND 170 / NORTH MARYLAND 170

17 W. Maple RD — D-3(1) (VAR.x16")

18 E. Maple RD — D-3(1) (VAR.x16")

24 W. Maple RD — D-3(1) (VAR.x16") DUAL FACE

22 E. Maple RD — D-3(1) (VAR.x16") DUAL FACE

19,34 NO TURN ON RED — R10-11b (24" x 24")

33 ONLY — R3-5(L) (30"x36")

23,26 ONLY — R3-5(R) (30"x36")

54 OVER 3/4 T ON MD 169

43 RIGHT LANE MUST TURN RIGHT

52 SPEED LIMIT 30

53 EAST MARYLAND 169

59 WEST MARYLAND 169 SNOW EMERGENCY ROUTE

37 STOP HERE ON RED

42,48 AHEAD — REMOVED BY DISTRICT

25 SCHOOL — REMOVED BY DISTRICT

40,47 51,57

39,46 50,56

58 "LINTHICUM HEIGHTS" — HISTORICAL MARKER

41 NORTH MARYLAND 170

45 NO PARKING ANY TIME

60 R R

TO BE REMOVED

PUSH BUTTON TO CROSS MD 166

PUSH BUTTON TO CROSS MD 170

PUSH BUTTON TO CROSS MD 169

PUSH BUTTON TO CROSS MD 170

EXISTING SIGNALS

1-4,8-10 R Y G 12"

7 R Y G 12"

11,14,15,16 16" LED COUNTDOWN PEDESTRIAN SIGNAL #15 TO BE RELOCATED

5,6 Y 12"

OPTICOM DETECTOR EYE

PROPOSED SIGNALS

12,13,15,61,62 16" LED COUNTDOWN PEDESTRIAN SIGNAL

NEMA PHASING

Ø2 Ø4 Ø6 Ø8

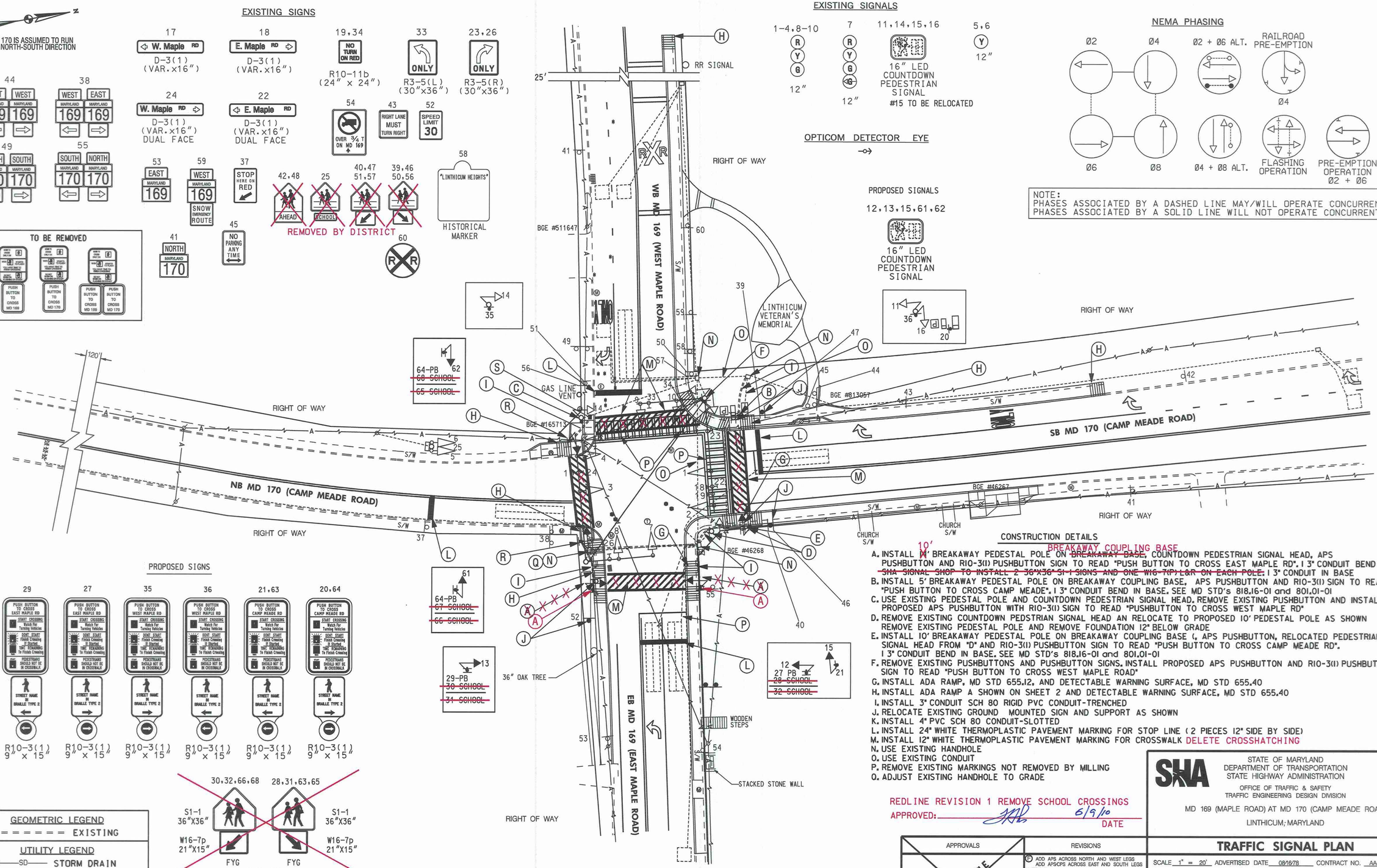
Ø2 + Ø6 ALT. Ø4 + Ø8 ALT.

RAILROAD PRE-EMPTION Ø4

FLASHING OPERATION

PRE-EMPTION OPERATION Ø2 + Ø6

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



PROPOSED SIGNS

29 PUSH BUTTON TO CROSS EAST MAPLE RD — R10-3(1) 9" x 15"

27 PUSH BUTTON TO CROSS WEST MAPLE RD — R10-3(1) 9" x 15"

35 PUSH BUTTON TO CROSS WEST MAPLE RD — R10-3(1) 9" x 15"

36 PUSH BUTTON TO CROSS WEST MAPLE RD — R10-3(1) 9" x 15"

21,63 PUSH BUTTON TO CROSS CAMP MEADE RD — R10-3(1) 9" x 15"

20,64 PUSH BUTTON TO CROSS CAMP MEADE RD — R10-3(1) 9" x 15"

~~30,32,66,68~~ S1-1 36"X36" W16-7p 21"X15" FYG

~~28,31,63,65~~ S1-1 36"X36" W16-7p 21"X15" FYG

POLE MOUNTED

CONSTRUCTION DETAILS

A. INSTALL ~~M~~ 10' BREAKAWAY PEDESTAL POLE ON ~~BREAKAWAY BASE~~ BREAKAWAY COUPLING BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND R10-3(I) PUSHBUTTON SIGN TO READ "PUSH BUTTON TO CROSS EAST MAPLE RD". 1 3" CONDUIT BEND IN BASE ~~SHA SIGNAL SHOP TO INSTALL 2 36"X36" S1-1 SIGNS AND ONE W16-7(P) L&R ON EACH POLE.~~ 1 3" CONDUIT IN BASE

B. INSTALL 5' BREAKAWAY PEDESTAL POLE ON BREAKAWAY COUPLING BASE, APS PUSHBUTTON AND R10-3(I) SIGN TO READ "PUSH BUTTON TO CROSS CAMP MEADE". 1 3" CONDUIT BEND IN BASE. SEE MD STD's 818.16-01 and 801.01-01

C. USE EXISTING PEDESTAL POLE AND COUNTDOWN PEDESTRIAN SIGNAL HEAD. REMOVE EXISTING PUSHBUTTON AND INSTALL PROPOSED APS PUSHBUTTON WITH R10-3(I) SIGN TO READ "PUSHBUTTON TO CROSS WEST MAPLE RD"

D. REMOVE EXISTING COUNTDOWN PEDSTRIAN SIGNAL HEAD AN RELOCATE TO PROPOSED 10' PEDESTAL POLE AS SHOWN REMOVE EXISTING PEDESTAL POLE AND REMOVE FOUNDATION 12" BELOW GRADE

E. INSTALL 10' BREAKAWAY PEDESTAL POLE ON BREAKAWAY COUPLING BASE (, APS PUSHBUTTON, RELOCATED PEDESTRIAN SIGNAL HEAD FROM "D" AND R10-3(I) PUSHBUTTON SIGN TO READ "PUSH BUTTON TO CROSS CAMP MEADE RD". 1 3" CONDUIT BEND IN BASE. SEE MD STD's 818.16-01 and 801.01-01

F. REMOVE EXISTING PUSHBUTTONS AND PUSHBUTTON SIGNS. INSTALL PROPOSED APS PUSHBUTTON AND R10-3(I) PUSHBUTTON SIGN TO READ "PUSH BUTTON TO CROSS WEST MAPLE ROAD"

G. INSTALL ADA RAMP, MD STD 655.12, AND DETECTABLE WARNING SURFACE, MD STD 655.40

H. INSTALL ADA RAMP A SHOWN ON SHEET 2 AND DETECTABLE WARNING SURFACE, MD STD 655.40

I. INSTALL 3" CONDUIT SCH 80 RIGID PVC CONDUIT-TRENCHED

J. RELOCATE EXISTING GROUND MOUNTED SIGN AND SUPPORT AS SHOWN

K. INSTALL 4" PVC SCH 80 CONDUIT-SLOTTED

L. INSTALL 24" WHITE THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE (2 PIECES 12" SIDE BY SIDE)

M. INSTALL 12" WHITE THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK DELETE CROSSHATCHING

N. USE EXISTING HANDHOLE

O. USE EXISTING CONDUIT

P. REMOVE EXISTING MARKINGS NOT REMOVED BY MILLING

Q. ADJUST EXISTING HANDHOLE TO GRADE

REDLINE REVISION 1 REMOVE SCHOOL CROSSINGS

APPROVED: 6/9/10 DATE

CONSTRUCTION DETAILS CONT'D

R. INSTALL ~~M~~ 10' BREAKAWAY PEDESTAL POLE ON ~~BREAKAWAY BASE~~ BREAKAWAY COUPLING BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND R10-3(I) PUSHBUTTON SIGN TO READ "PUSH BUTTON TO CROSS CAMP MEADE RD". 1 3" CONDUIT BEND IN BASE ~~SHA SIGNAL SHOP TO INSTALL 2 36"X36" S1-1 SIGNS AND ONE W16-7(P) L&R ON EACH POLE.~~ 1 3" CONDUIT IN BASE

S. INSTALL ELECTRICAL HANDHOLE. CONTRACTOR SHALL LOCATE EXISTING CONDUIT AND TIE CONDUIT INTO PROPOSED HANDHOLE USE EXISTINIG CONDUIT BEND IN POLE BASE.

GEOMETRIC LEGEND

EXISTING

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: $USERNAME$

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 169 (MAPLE ROAD) AT MD 170 (CAMP MEADE ROAD)

LINTHICUM, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE 08/6/78 CONTRACT NO. AA-242-501-585

DESIGNED BY P.K.N. COUNTY ANNE ARUNDEL
DRAWN BY D. DODA LOGMILE 02017009.85
CHECKED BY TIMS NO. J323
F.A.P. NO. TOD NO.

TS NO. 1608 F DRAWING -- OF - SHEET NO. 1 OF 3

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

REVISIONS

F ADD APS ACROSS NORTH AND WEST LEGS ADD APS/CPS ACROSS EAST AND SOUTH LEGS MAY, 2010 CJS

E AS BUILT FOR UPS INSTALLATION 05/2009 SWA

D ADD OPTICOM DETECTOR FOR NORTHBOUND MD 170 SHA NO. AT7825165 10/2005 STV SOV

PLOTTED: $DATETIME$
FILE: $FILE$