MD 194 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO BE REMOVED

28,29 — LEFT TURN YIELD ON GREEN — R10-12 (30"x36")

22,27 — M6-6 (MOD) (21"x15")

24,25 — W11-2 FY (36"X36") M6-6 (MOD) (21"X15")

EXISTING SIGNS TO BE RELOCATED

27 RELOCATED TO 21 — W11-2 FY (36"X36")

22 — W11-2 FY (36"X36")

PROPOSED SIGNS

19 — W11-2 FY (36"X36") M6-2(L) FY (21"X15")

20 — S1-1 FYG (36"X36") S4-3 FYG (24"X8")

21,22 — M6-2(R) FY (21"X15")

17,18 — WOODSBORO PIKE R10-3(1) (9" X 15")

EXISTING SIGNS TO REMAIN

23a — Liberty RD — D-3(1) (DUAL FACED) (VARIES X16")

23b — Liberty RD — D-3(1) (DUAL FACED) (VARIES X16")

26a — Woodsboro RD — D-3(1) (DUAL FACED) (VARIES X16")

26b — Woodsboro RD — D-3(1) (DUAL FACED) (VARIES X16")

30-33 — Woodsboro PIKE — D-3(1) (DUAL FACED) (VARIES X16")

PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN

EXISTING SIGNALS TO REMAIN

1,4 — 12"/8"

2,5 — 12"

3,6-12 — 12"

PROPOSED LED SIGNALS

13,14 — 16"

EXISTING SIGNALS TO BE REMOVED

15,16 — 12"

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8 Ø8 ALT.

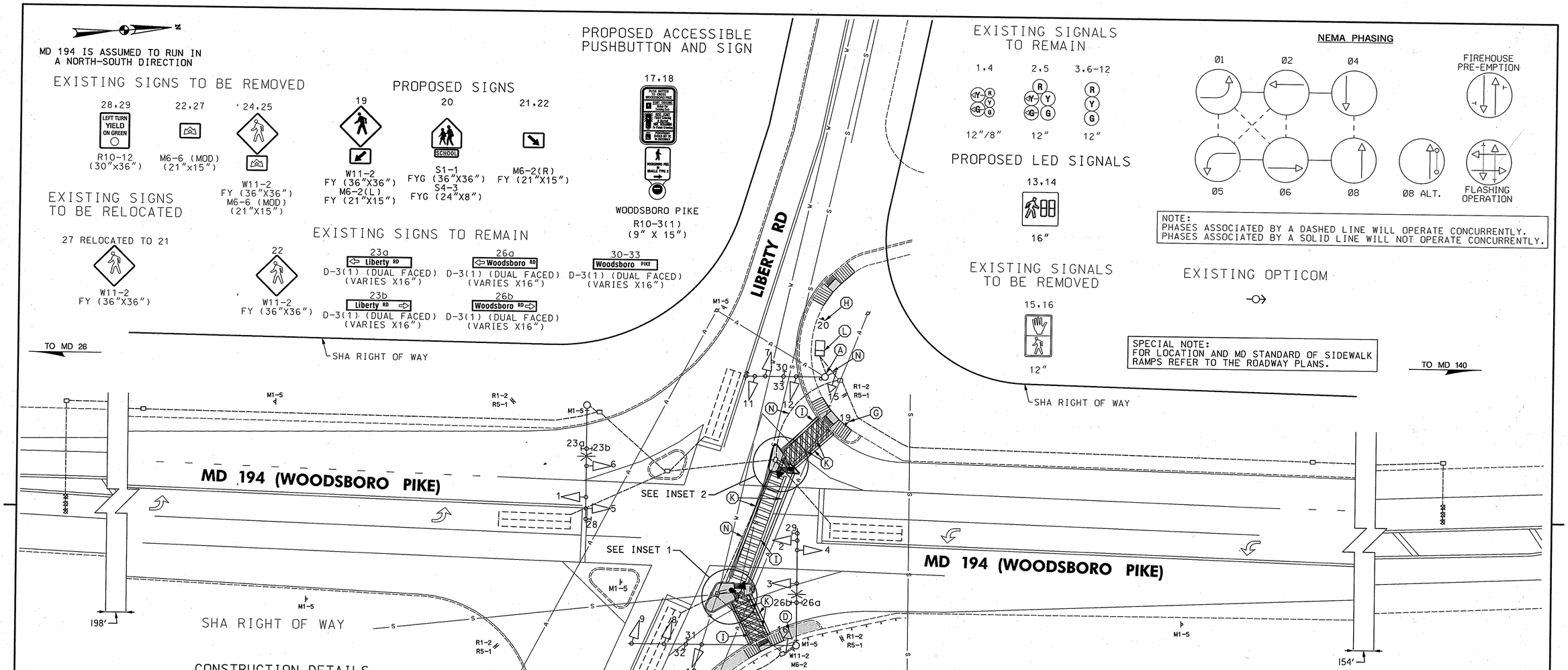
FIREHOUSE PRE-EMPTION

FLASHING OPERATION

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

EXISTING OPTICOM

SPECIAL NOTE:
FOR LOCATION AND MD STANDARD OF SIDEWALK RAMPS REFER TO THE ROADWAY PLANS.



CONSTRUCTION DETAILS

A. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON FROM EXISTING SIGNAL POLE. PLUG UNUSED HOLE.

B. USE EXISTING HANDHOLE.

C. REMOVE EXISTING PEDESTAL POLE AND BUTTON. CAP AND ABANDON EXISTING CONDUIT.

D. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD.

E. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED PEDESTRIAN COUNTDOWN SIGNAL HEAD, APS PUSHBUTTON, AND SIGN (ORIENTED PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE.

F. ROTATE EXISTING SIGN TO FACE VEHICLES ENTERING THE FREE RIGHT TURN FROM MD 550 (WOODSBORO PIKE).

G. INSTALL 4"X4" WOOD SUPPORT WITH W11-2 AND M6-2 SIGNS.

H. INSTALL NEW SCHOOL SIGNS ON EXISTING POST. THE NEW SIGNS SHALL BE OF FLUORESCENT YELLOW-GREEN COLOR. REMOVE EXISTING SIGNS.

I. REMOVE EXISTING PAVEMENT MARKINGS.

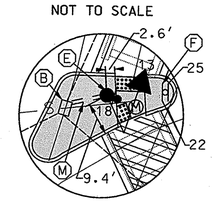
J. RELOCATE EXISTING PEDESTRIAN CROSSING SIGN AND BAND TO PROPOSED PEDESTAL POLE. ROTATE SIGN TO FACE VEHICLES ENTERING THE FREE RIGHT TURN FROM MD 194 SB.

K. INSTALL 12 INCH WHITE LEAD FREE HEAT APPLIED REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.

CROSSWALK DETAIL

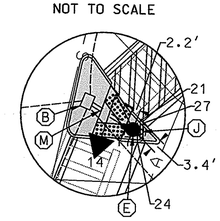
INSET 1

NOT TO SCALE



INSET 2

NOT TO SCALE



CONSTRUCTION DETAILS (CONT.)

L. USE EXISTING CABINET.

M. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

N. USE EXISTING CONDUIT.

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

RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TELE:(410)728-2900 FAX:(410)383-3270

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

REVISIONS
B — ADD APS PUSHBUTTONS AND COUNTDOWN PED HEADS AX3745133 8/07 BJG
A — REBUILD TRAFFIC SIGNAL AW279A58/B58 1/98

CONTRACT CONSTRUCTION NO.: FR543A53

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

MD 550 AND MD 194 (WOODSBORO BYPASS)
WOODSBORO, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 2-8-91 CONTRACT NO. F-157-201-771

DESIGNED BY M.COOK
DRAWN BY M.COOK
CHECKED BY S.RENZI
FAP NO.
COUNTY FREDERICK
LOGMILE 10019406.45
TIMS NO. 1-785
TOD NO.

TS NO. 3131B | DRAWING SG - 1 OF 2 | SHEET NO. 11 OF 12

PLOTTED: Thursday, September 27, 2007 AT 09:23 AM
FILE: M:\projects\2007\07056_shahdd\Task01_ADA\CADD\Traffic\PLANS\MD 550 @ MD 194\MD550sp01.dgn