NOTE: US 40 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE CONVERSION OF THE EB AND WB LEFT TURN MOVEMENTS FROM EXCLUSIVE/ PERMISSIVE TO AN EXCLUSIVE MOVEMENT WITH A PERMITTED LEFT ALLOWED ON A FLASHING RED ARROW.

EXISTING SIGNS

17 — SIGNAL AHEAD / PREPARE TO STOP WHEN FLASHING — W3-3 (2) BLK/FY 120" x 48"

18 — Marriottsville Rd / NEXT SIGNAL

19,22 — Marriottsville Rd — D3-2 (DUAL-FACED) VARIABLE X 16"

20 — W3-3 36" x 36"

21 — WEST / INTERSTATE 70 / EAST — ASSOCIATED SHIELD ASSEMBLY 24" x 90"

23 — EAST / 40 / ONE WAY — M3-2 24"x 12", M1-4 24"x 24", M6-1 21"x 15" — R6-1(R) 36" x 30" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

24 — WEST / 40 / ONE WAY — M3-4 30"x 15", M1-4 36"x 36", M6-1 30"x 24" — R6-1(L) 36" x 30" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

25 — ONLY — R3-8 60" x 36"

26 — TO / WEST / INTERSTATE 70

27 — TURF VALLEY RESORT

28 — WEST / 40 — M3-4 24"x 12", M1-4 24"x 24", M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

29 — ONLY — R3-5L 30" x 36"

30 — R3-6(MOD) 36" x 36"

31 — EAST / 40 — M3-2 30"x 15", M1-4 36"x 36", M6-1 30"x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

32 — THRU TRUCKS / OVER 5T GVW ON MD 144

EXISTING SIGNALS

1,2 — Y — 12"

3,7 — R 8", Y 8", G 8", Y 12", G 12"

4,8 — R, Y, G — 12"

5,6,9,10 13,16 — R, Y, G — 12"

11,14 — R 8", Y 8", G 8", G 12"

12,15 — R, Y, G, G — 12"

#'s 3,4,7,8 TO BE REPLACED

EXISTING RED LIGHT CAMERA

– RED LIGHT CAMERA OR FLASH

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6

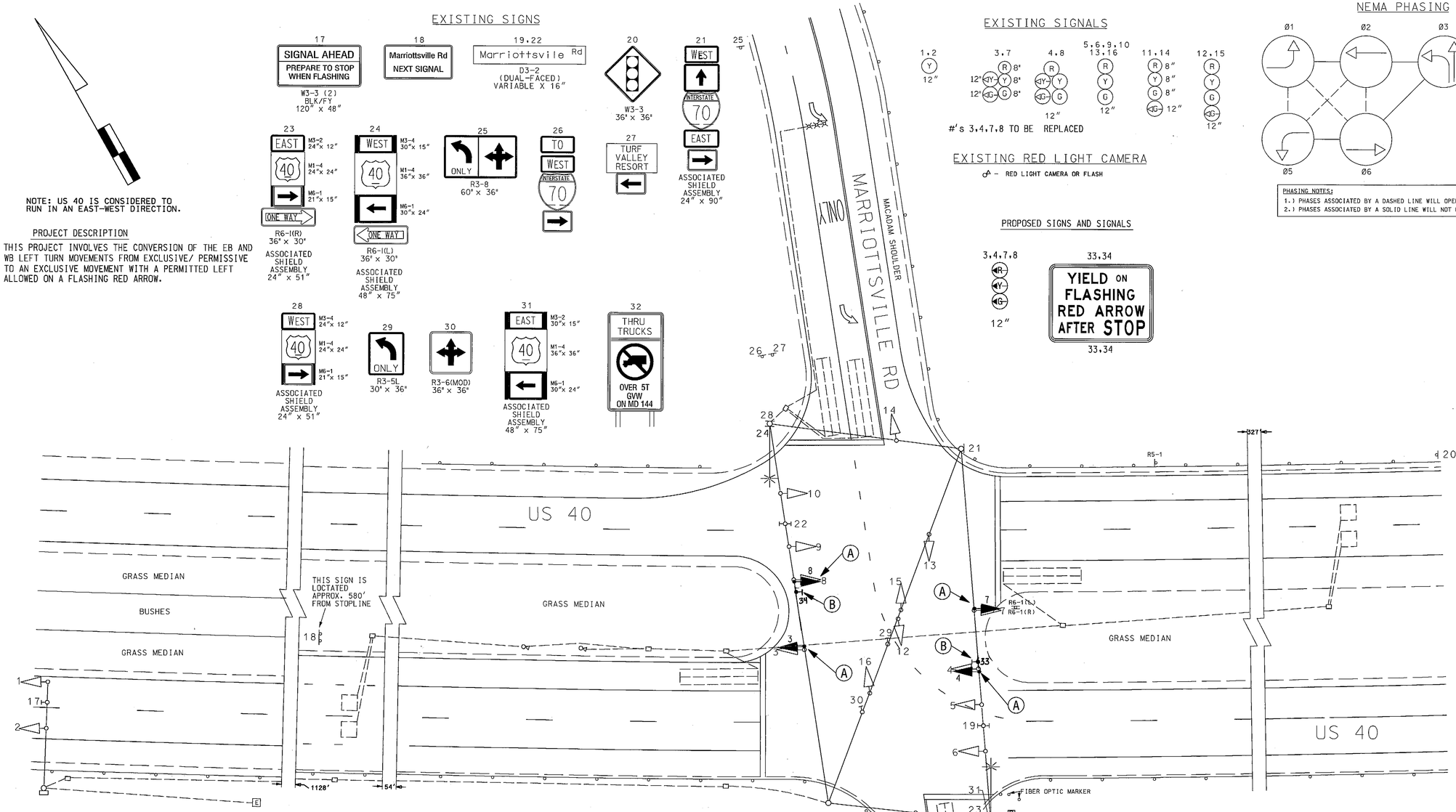
FLASHING OPERATION

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

PROPOSED SIGNS AND SIGNALS

3,4,7,8 — R, Y, G — 12"

33,34 — YIELD ON FLASHING RED ARROW AFTER STOP — 33,34



CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGNAL HEAD AND INSTALL PROPOSED 3 SECTION (R,Y,G ARROW) SIGNAL HEAD. USE EXISTING ELECTRCIAL CABLE.
B. INSTALL PROPOSED OVERHEAD SIGN ON EXISTING SPAN WIRE

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

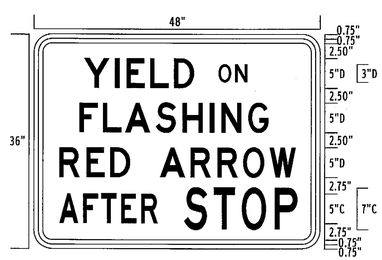
ITEM #	QUANTITY	ITEM DESCRIPTION
9572	24 SF	SHEET ALUMINUM SIGN SPAN MOUNTED

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8001	12 EA	12" RYG LED SIGNAL HEAD SECTION
8016	1 EA	REMOVE AND DISPOSE OF EQUIPMENT PER ASSIGNMENT
8046	24 SF	INSTALL OVERHEAD SIGN

C. EQUIPMENT TO BE RETURNED TO THE ADMINISTRATION

NONE. ALL EQUIPMENT REMOVED IN ACCORDANCE WITH THESE PLANS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.



LEGEND: BLACK
: RED "STOP"
BACKGROUND: WHITE

TOD NO:XX449-19
SHA NO:HO441A52/B52
US 40@ MARRIOTTSVILLE RD

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

REVISIONS	
4	UPGRADE EB/WB TO FLASHING RED ARROW FOR LEFT TURNS AT9365185 J186 DECEMBER 2008 CJS
3	INSTALL L.E.D. SIGNAL HEADS AND BATTERY BACKUP DEVICES 4/18/07 I288 SHA#:AX1425185 JWA CJS
H	REVISION TO HIB CONTRACT NO. AT9255185 H936 12/06 NML ER

PLOTTED: Wednesday, December 10, 2008 at 12:42:30 PM
FILE: US 40 Marriottsville 2008 SP.dgn

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

US 40 @ MARRIOTTSVILLE RD

WEST FRIENDSHIP, MARYLAND

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE _____ CONTRACT NO. _____

DESIGNED BY _____ COUNTY HOWARD
DRAWN BY J GORDON LOGMILE 13004013.32
CHECKED BY J GORDON TIMS NO. J186
F.A.P. NO. _____ TOD NO. _____

TS NO. 1622J | DRAWING SG-1 OF 1 | SHEET NO. 1 OF 1

BY: cstrain