MD 450 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.

EXISTING SIGNS/SIGNALS

1,3 — R, Y, G

~~2~~,~~3~~ 4,5,6,16,17 — R, Y, G

7,8 — Hillmeade Rd

9 — EAST MARYLAND 450

PROPOSED SIGNS/SIGNALS

5 11 — R, Y, G — 12"

10 — R, Y, G — 12"/8"

5 ~~14~~,12 — R, Y, G — 12"

13 — Hillmeade Rd — D3-2 16" X VAR. DUAL FACED

14 — ONLY — R3-5R 30" X 36"

15 — WEST MARYLAND 450 — ASSOCIATED SHIELD ASSEMBLY 30" X 51"

NEMA PHASING

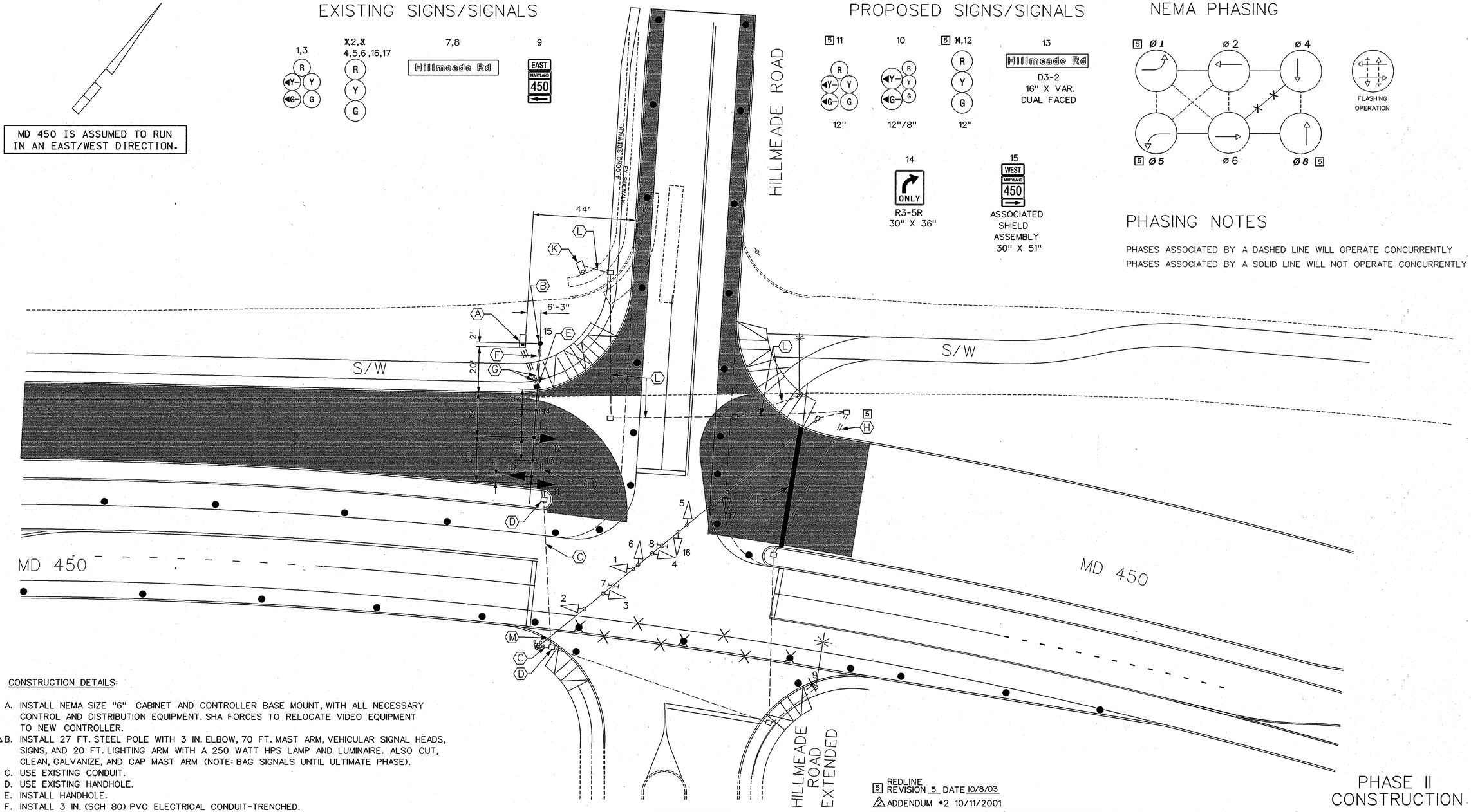
5 Ø1, Ø2, Ø4, 5 Ø5, Ø6, Ø8 5

FLASHING OPERATION

PHASING NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS:

A. INSTALL NEMA SIZE "6" CABINET AND CONTROLLER BASE MOUNT, WITH ALL NECESSARY CONTROL AND DISTRIBUTION EQUIPMENT. SHA FORCES TO RELOCATE VIDEO EQUIPMENT TO NEW CONTROLLER.

⚠B. INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 70 FT. MAST ARM, VEHICULAR SIGNAL HEADS, SIGNS, AND 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE. ALSO CUT, CLEAN, GALVANIZE, AND CAP MAST ARM (NOTE: BAG SIGNALS UNTIL ULTIMATE PHASE).

C. USE EXISTING CONDUIT.

D. USE EXISTING HANDHOLE.

E. INSTALL HANDHOLE.

F. INSTALL 3 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.

G. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED.

H. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-BORED.

J INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.

K. REMOVE EXISTING CABINET AND CONTROLLER.

L. CAP AND ABANDON OR REMOVE EXISTING CONDUIT.

M. PULL BACK VIDEO AND LIGHTING CABLES TO THIS POINT AND REROUTE TO PROPOSED NEW CABINET.

5 REDLINE REVISION 5 DATE 10/8/03

⚠2 ADDENDUM #2 10/11/2001

PHASE II CONSTRUCTION

Redline Revision

The Traffic Group

The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

REVISIONS	APPROVALS
ⓒ 8/2001 SIGNAL MODIFICATION DUE TO RECONSTRUCTION OF MD 450	ORIGINAL
ⓑ RECONSTRUCTION DUE TO GEOMETRICS 8-13-97	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ⓐ REVISED PER SHA COMMENTS 10-27-78	ON
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	FILE
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 450 - MD 193 TO STONYBROOK DRIVE
MD 450 AT HILLMEADE ROAD - PHASE II SIGNAL

DRAWN BY: MB	F.A.P. NO. SEE TITLE SHEET	TS NO.	SHEET NO.
CHECKED BY: STB	S.H.A. NO. PG9005571	TS-1618B-1PH2A	
SCALE: 1"=20'	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO.	
DATE: OCTOBER 2001	LOG MILE: 9.75	D 538	405 OF 545

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8/18/2003