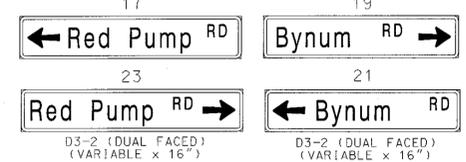
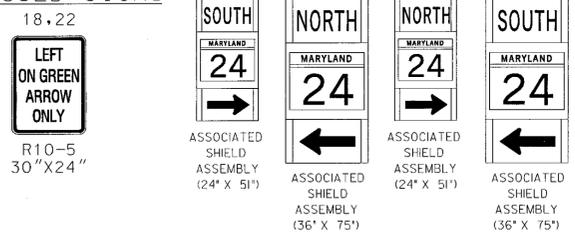


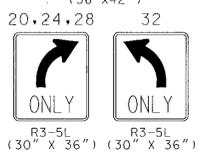
**EXISTING SIGNS**



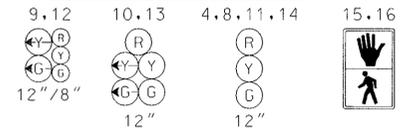
**PROPOSED SIGNS**



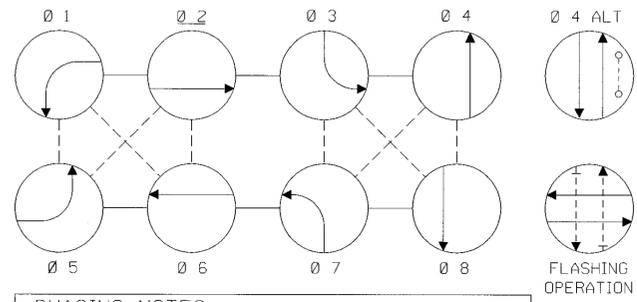
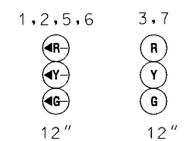
**EXISTING SIGNS**



**EXISTING SIGNALS**



**PROPOSED SIGNALS**



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

**GENERAL NOTES**

1. REVISION "H" IS A REVISION TO THE TRAFFIC CONTROL SIGNAL REBUILT IN 3/1997 UNDER S.H.A. CONTRACT NO. HA-116-5176. THE ORIGINAL TS 833 IS ON FILE.
2. ALL PROPOSED SIGNAL HEADS SHALL BE POLYCARBONATE AND BLACK FACE.
3. ALL CONNECTIONS IN THE CONTROLLER CABINET WILL BE DONE BY THE S.H.A. SIGNAL OPERATIONS.

**CONSTRUCTION DETAILS**

- (A) INSTALL NEW TRAFFIC SIGNAL HEADS (POLYCARBONATE BLACK FACED) FOR EXCLUSIVE LEFT TURN MOVEMENT.
- (B) INSTALL NEW TRAFFIC SIGNAL HEADS (POLYCARBONATE BLACK FACED) FOR THROUGH MOVEMENT.
- (C) REMOVE EXISTING MAST ARM MOUNTED TRAFFIC SIGNAL HEAD (3 AND 5-HEAD SECTION) AS INDICATED ON THE PLAN.
- (D) INSTALL MAST ARM MOUNTED SIGNS FOR EXCLUSIVE LEFT TURN MOVEMENT AS INDICATED ON THE PLAN.
- (E) REMOVE MAST ARM MOUNTED SIGNS (R10-12) AS INDICATED ON THE PLAN.
- (F) USE EXISTING MAST ARM AND POLE.
- (G) USE EXISTING CONDUIT.
- (H) USE EXISTING HANDHOLE.
- (J) USE EXISTING BASE-MOUNTED CABINET.

REVISIONS		APPROVALS	
(E)	CHANGE E/P LT TO EXCLUSIVE ON NB&SB MD 24 S.H.A. NGA SF-SIGNALS 6/2004	<b>ORIGINAL</b>	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
(G)	RECONSTRUCT TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS 3/97	<b>ON</b>	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
(F)	MOD. DUE TO WIDENING AT RED PUMP ROAD 4/97	<b>FILE</b>	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
JWE		DIRECTOR, TRAFFIC & SAFETY	

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

**MD 24 AND BYNUM RD/RED PUMP RD**

DRAWN BY: S. BLOSS	F.A.P. NO.	TS NO.	SHEET NO. 1 OF 2
CHECKED BY: T. HANNAN	S.H.A. NO. HA-116-5176	TS-833	
SCALE: 1" = 20'	COUNTY: HARFORD	T.I.M.S. NO.	
DATE:	LOG MILE: 12002411.81	G-284	