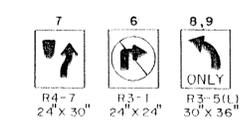
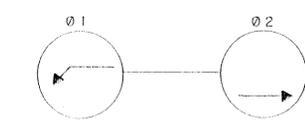


F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEG. TITLE SHEET		

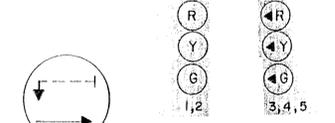
SIGNS



NEMA PHASING



12" SIGNALS



NOTE: ACTUAL W3-3 SIGN LOCATIONS WILL BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.

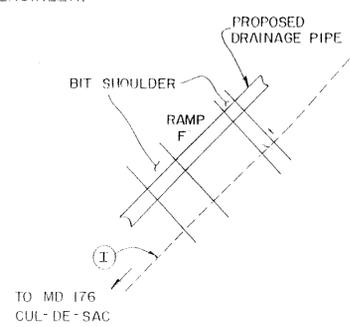
PHASING NOTES

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

GENERAL NOTES

- D.O. INDICATES DELAY OUTPUT LOOP DETECTOR.
- LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
- GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
- PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. ALL OTHER PAVEMENT MARKINGS WILL BE INSTALLED AS PART OF THE HIGHWAY CONTRACT.

NOTE: ACTUAL DIRECTION AND DISTANCE TO ELECTRICAL SERVICE FROM BG & E WILL BE DETERMINED IN THE FIELD BY BG & E AND THE ENGINEER.



UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—T—T—	TELEPHONE CABLES
—A—A—	AERIAL CABLES

**BUCHART-HORN INC.**  
 CONSULTING ENGINEERS  
 THE QUADRANGLE  
 244 WEST BLOCK  
 VILLAGE OF CROSS KEYS  
 BALTIMORE, MARYLAND 21210  
 64995-12

REVISIONS	APPROVALS
	 CHIEF, SIGNAL DESIGN SECTION
	 ASST. DISTRICT ENGINEER, TRAFFIC
	 DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION - OFFICE OF TRAFFIC BUREAU OF TRAFFIC ENGINEERING			
DRAWN BY: L.M. TAUBER DES. BY: J.D. MALINOWSKI CHK. BY:	SIGNAL NO.: COUNTY: HOWARD	<b>US 1 AT RAMP "F"</b>	
DATE: OCTOBER 1989 SCALE: 1" = 20'	F.A.P. NO. SEE TITLE SHEET S.H.A. NO. AW-890-501-070	TS/FILE NO. TS 2592	SHEET NO. OF