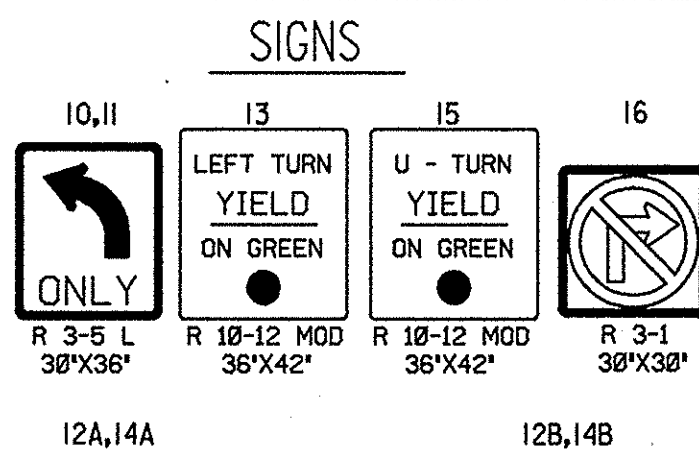


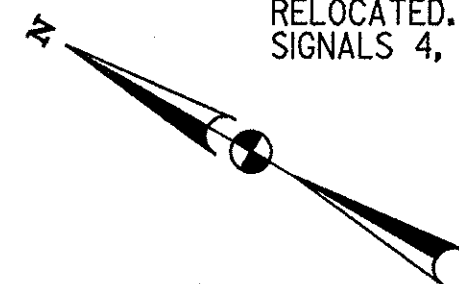
CONSTRUCTION DETAILS

- PHASE IV
- A. EXISTING CABINET/CONTROLLER ARE TO BE UTILIZED.
 - B. INSTALL MICRO LOOP PROBE-TYPE VEHICLE DETECTORS.
 - C. INSTALL 1 IN. LIQUID TIGHT NON-METALLIC CONDUIT FOR LOOP DETECTOR SLEEVE.
 - D. USE EXISTING HANDHOLE AND SPLICE NEW LOOP WIRE TO EXISTING 2-CONDUCTOR ALUMINUM-SHIELDED CABLE.
 - E. USE EXISTING HANDHOLE.
 - F. USE EXISTING SPAN WIRE. INSTALL VEHICLE SIGNAL HEADS AND SIGNS, RELOCATE SIGNAL HEAD AND REMOVE EXISTING SIGNAL HEADS.
 - G. USE EXISTING SPAN WIRE.
 - H. USE EXISTING SPAN WIRE. INSTALL VEHICLE SIGNAL HEADS AND SIGN, RELOCATE EXISTING SIGN, AND REMOVE EXISTING SIGNAL HEADS.
 - J. USE EXISTING STRAIN POLE.
 - K. USE EXISTING CONDUIT.



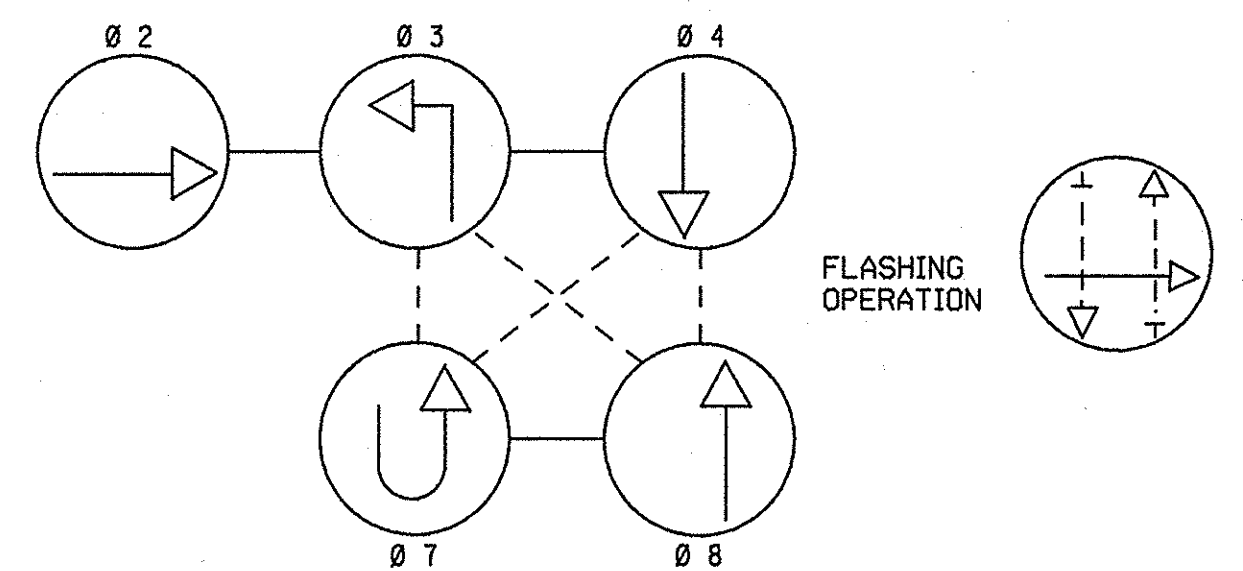
D3-2 - DUAL FACED (VAR. X 16")

NOTE: SIGNALS 1, 2, 3 AND SIGNS 10, 11, 16 ARE EXISTING AND ARE TO REMAIN. SIGNAL 9 AND SIGNS 12, 13, 14 ARE EXISTING AND ARE TO BE RELOCATED. SIGNALS 4, 5, 6, 7, 8 AND SIGN 15 ARE PROPOSED.

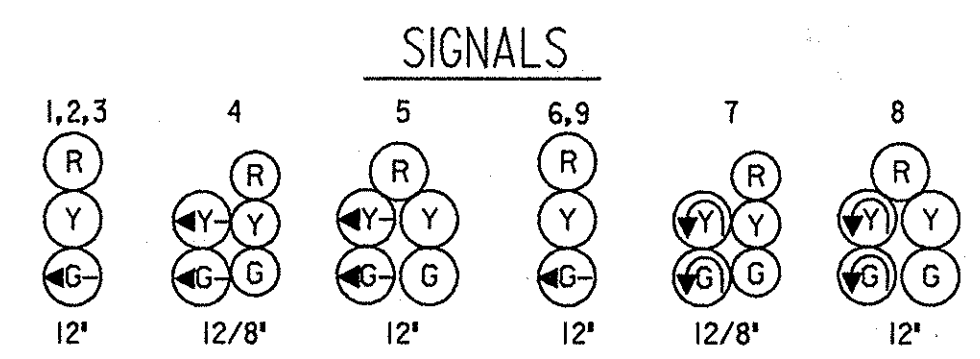


MD 450 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

SWM POND IN THIS AREA



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



GENERAL NOTES

1. THE CONDUIT TO BE INSTALLED ACROSS THE PROPOSED ROADWAY SHALL BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION.
2. DETECTORS SHALL BE INSTALLED PRIOR TO FINAL PAVEMENT SURFACE COURSE.
3. THE CONTRACTOR SHALL CONFIRM THE LOCATIONS OF THE PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
4. FOR THE LOCATION OF THE 'ARROW' AND 'ONLY' PAVEMENT MARKINGS AND SIGNS, SEE THE SIGNING AND PAVEMENT MARKING PLAN SN-2.4.
5. ALL POLE AND CABINET FOUNDATIONS AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLES	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

ULTIMATE SIGNAL DWG. NO. TS-17

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 450 (ANNAPOLIS ROAD) AT MD 704 (MARTIN LUTHER KING JR. HWY)

REVISIONS	APPROVALS
AUGUST 1996 - WTB MODIFY EXISTING SIGNAL SHA NO. PG9005171	ASST. DIVISION CHIEF, TEDD ASST. DISTRICT ENGINEER, TRAFFIC CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

LOG MILE NO. 16045007.35 DATE 2/6/91
 DRAWN BY: D. A. NIES
 CHECK BY: D. DODD 7/25/91
 SCALE: 1"=20'
 F.A.P. NO. SEE TITLE SHEET
 S.H.A. NO. P-981-451-385
 COUNTY PRINCE GEORGES
 PLAN SHEET NO. TS-3167A-P
 SHEET NO. 363 OF 465

FILE NO. 335858-000N