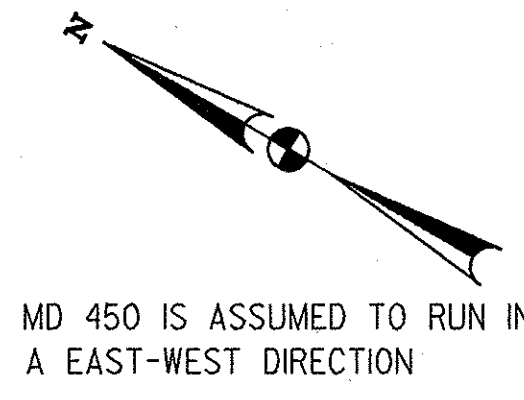
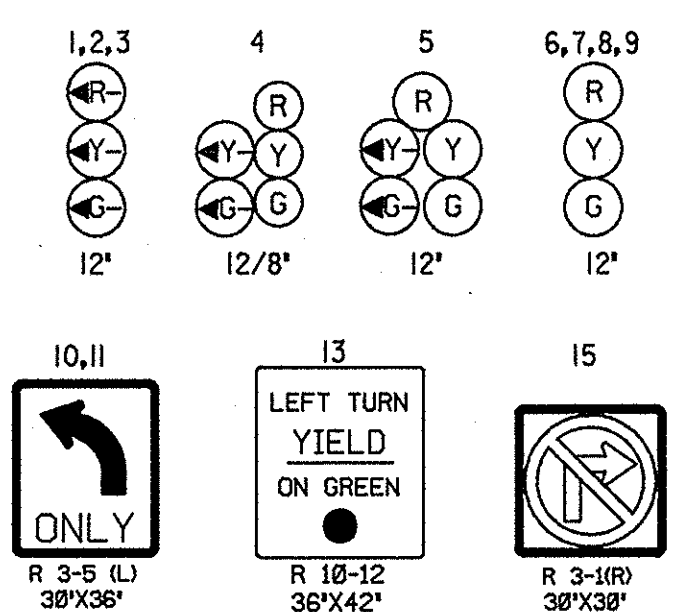


CONSTRUCTION DETAILS

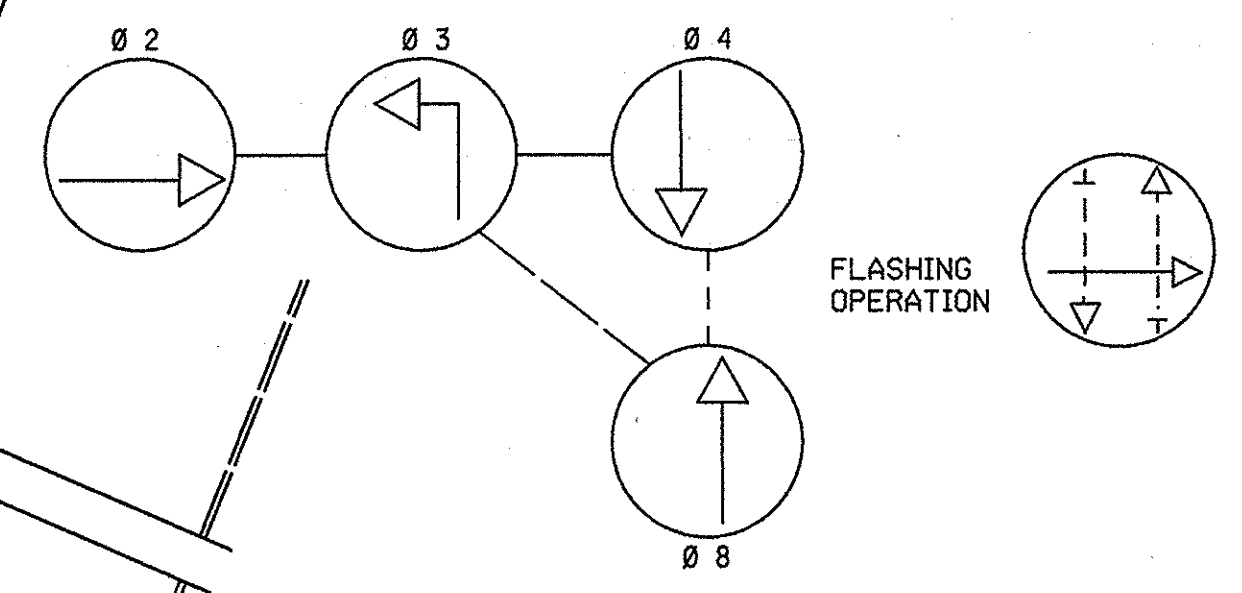
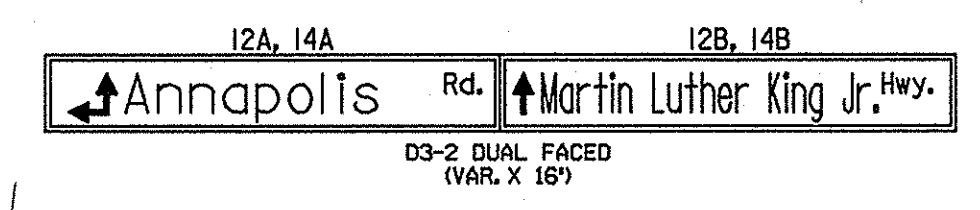
- PHASE IV
- A. EXISTING CABINET/CONTROLLER ARE TO BE UTILIZED.
  - B. INSTALL MICRO LOOP PROBE TYPE VEHICLE DETECTORS.
  - C. INSTALL 1 IN. LIQUID TIGHT, NON METALIC CONDUIT FOR LOOP DETECTOR SLEEVE.
  - D. INSTALL 24 IN. PREFORMED WHITE PAVEMENT MARKING FOR STOP LINE.
  - E. USE EXISTING HANDHOLE.
  - F. USE EXISTING SPAN WIRE. INSTALL VEHICLE SIGNAL HEADS, SIGNS AND 1/4 IN. TETHER WIRE. (NOTE: TETHER THE SIGNS.)
  - G. USE EXISTING SPAN WIRE.
  - H. USE EXISTING SPAN WIRE. RELOCATE EXISTING VEHICLE SIGNAL HEAD AND REMOVE AN EXISTING VEHICLE SIGNAL HEAD AND SIGN AS SHOWN.
  - J. USE EXISTING STRAIN POLE.
  - K. USE EXISTING CONDUIT.
  - L. ABANDON EXISTING VEHICLE DETECTOR.
  - M. MAINTAIN EXISTING VEHICLE DETECTOR.
  - N. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE VEHICLE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.



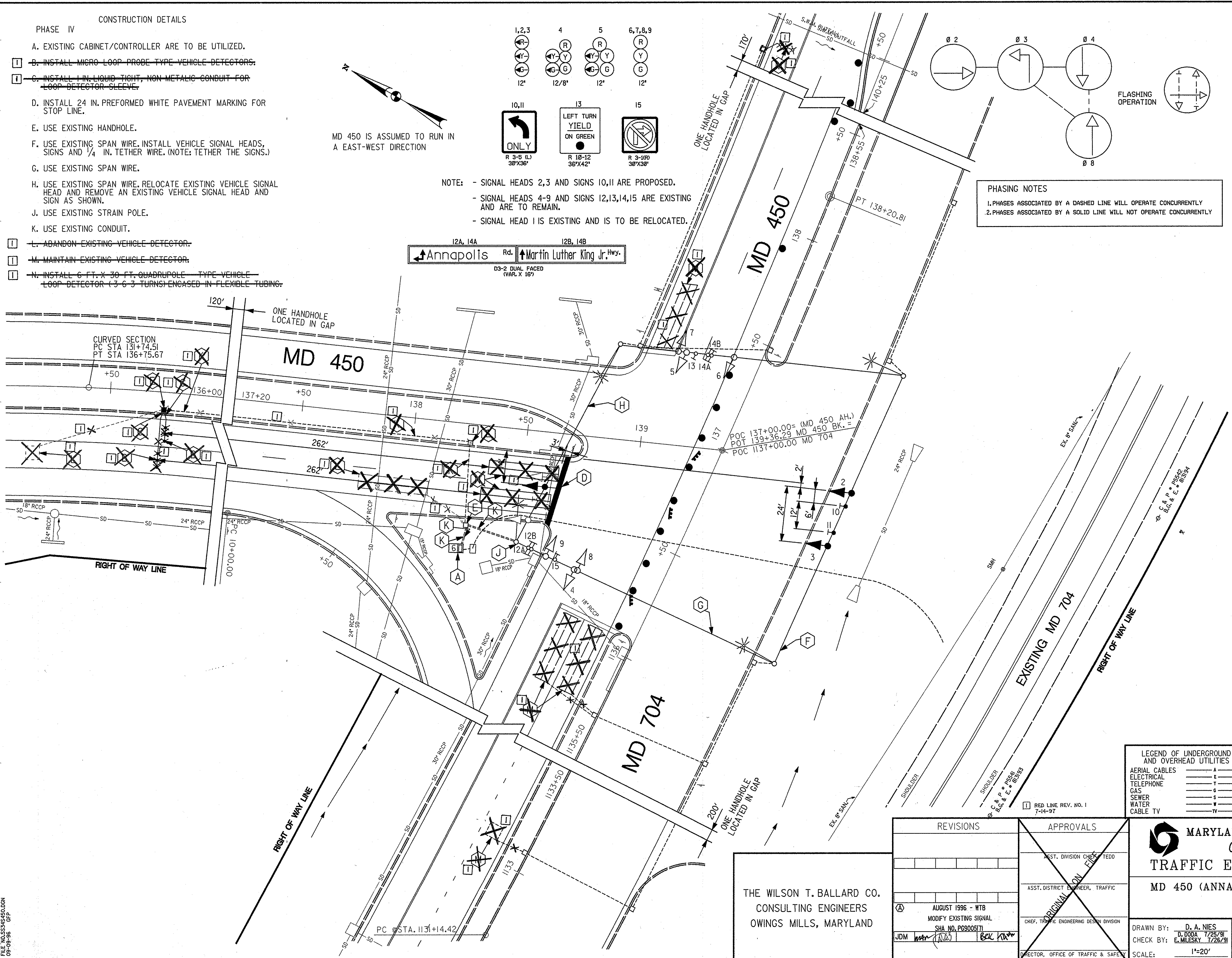
MD 450 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION



NOTE: - SIGNAL HEADS 2,3 AND SIGNS 10,11 ARE PROPOSED.  
 - SIGNAL HEADS 4-9 AND SIGNS 12,13,14,15 ARE EXISTING AND ARE TO REMAIN.  
 - SIGNAL HEAD 1 IS EXISTING AND IS TO BE RELOCATED.



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
- THE CONDUIT TO BE INSTALLED ACROSS THE PROPOSED ROADWAY SHALL BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION.
  - DETECTORS SHALL BE INSTALLED PRIOR TO FINAL PAVEMENT SURFACE COURSE.
  - THE CONTRACTOR SHALL CONFIRM THE LOCATIONS OF THE PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
  - FOR THE LOCATION OF THE 'ARROW' AND 'ONLY' PAVEMENT MARKINGS AND SIGNS, SEE THE TRAFFIC CONTROL PLAN, TCP-60.
  - 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

TEMPORARY SIGNAL PHASE IV DWG. NO. TS-15

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

REVISIONS	APPROVALS
AUGUST 1996 - WTB MODIFY EXISTING SIGNAL SHA NO. PG900571 JDM	DIVISION CHIEF, TRAFFIC ASST. DISTRICT ENGINEER, TRAFFIC CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY

**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)

LOG MILE SIGN 16045007.35 DATE 2 / 6 / 91

DRAWN BY: D. A. NIES	F.A.P. NO. SEE TITLE SHEET	PLAN SHEET NO.:	SHEET NO.
CHECK BY: D. DODA 7/25/91	S.H.A. NO. P-981-451-385	TS-3167A-X4-P	361 OF 465
SCALE: 1"=20'	COUNTY: PRINCE GEORGES		

FILE NO. 553456500DN  
 05/04/96 017