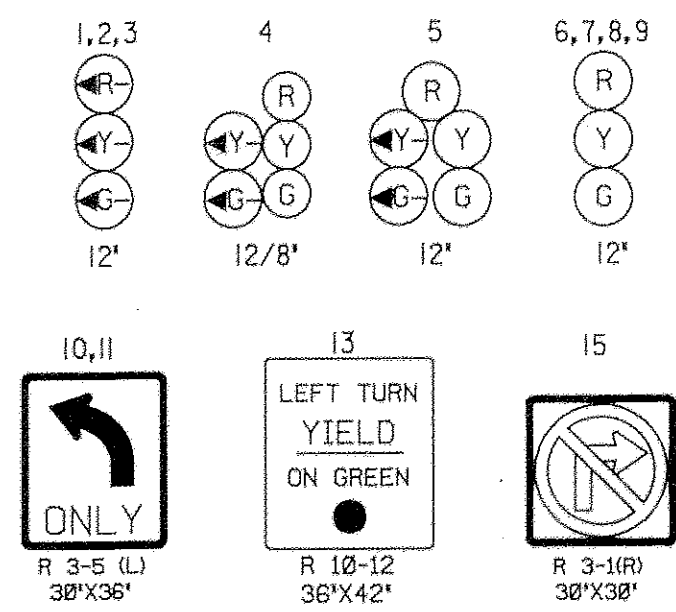


CONSTRUCTION DETAILS

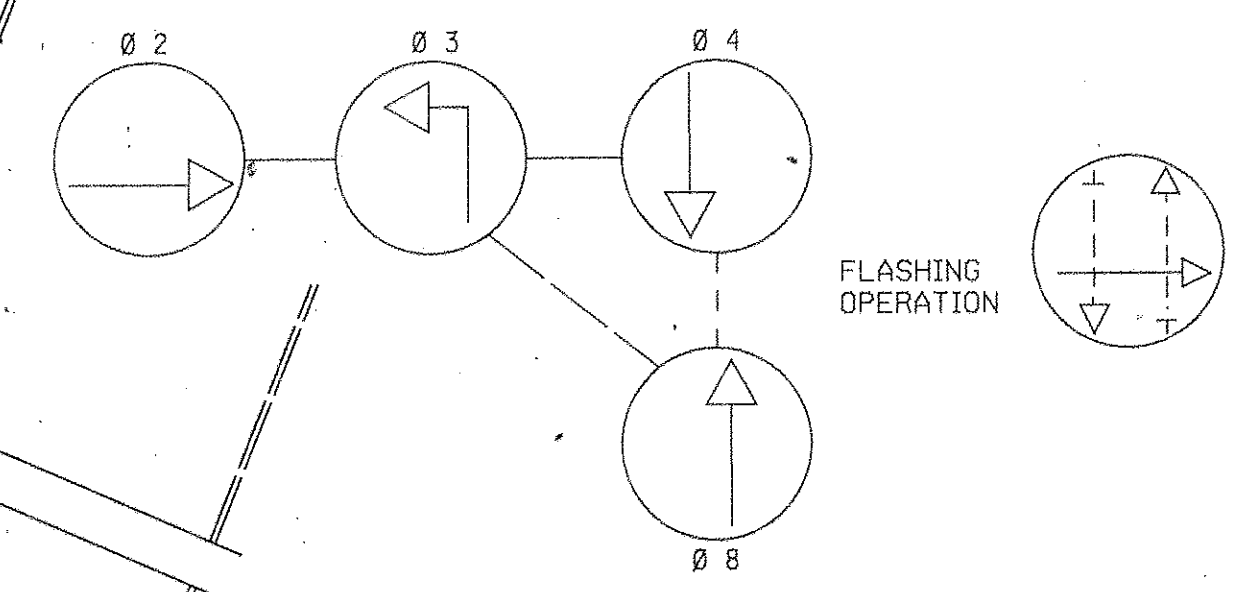
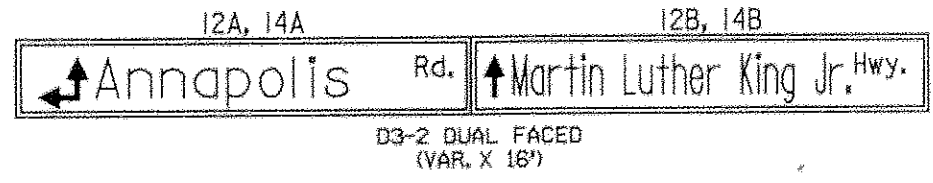
PHASE IV

- 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.

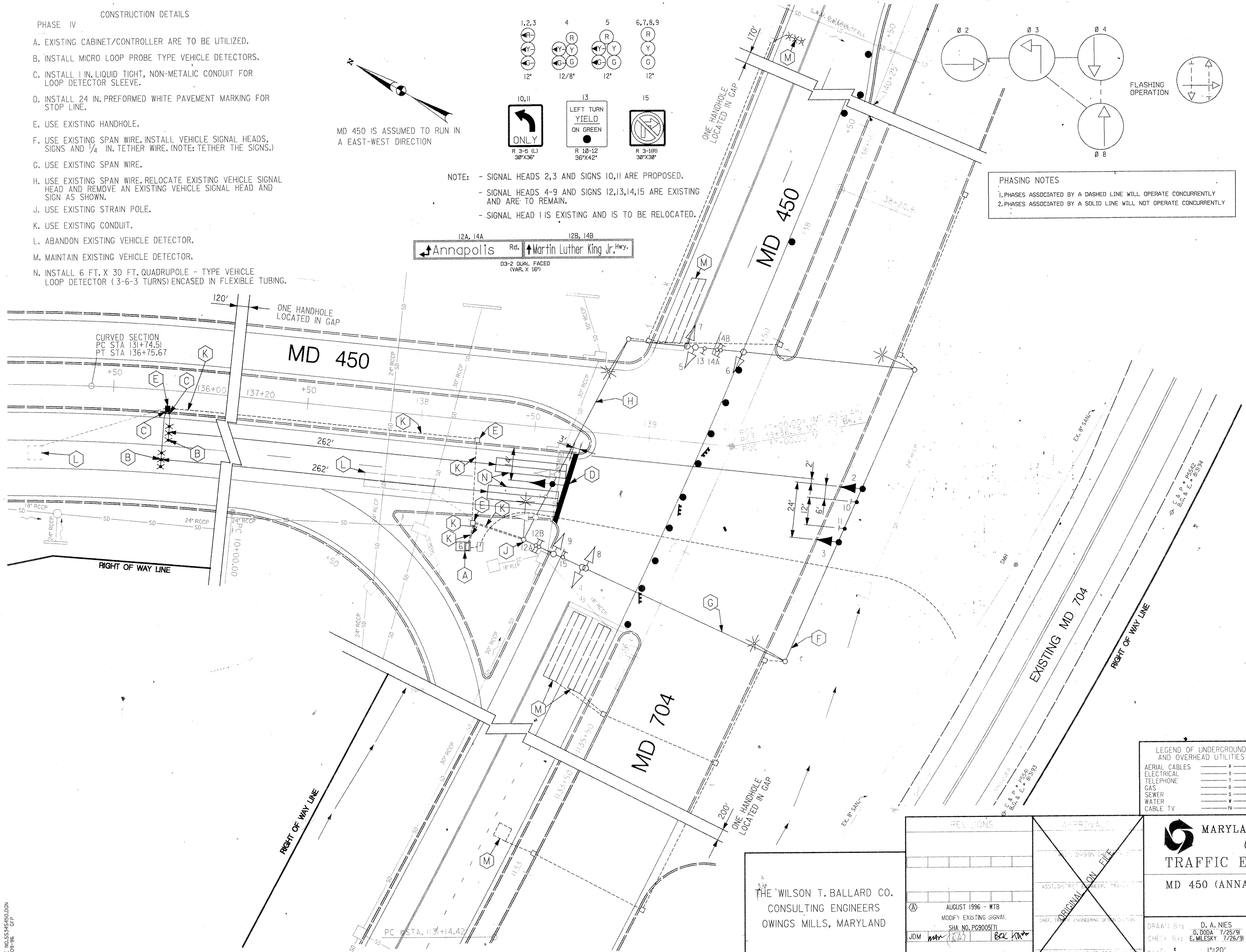
MD 450 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION



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

- 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 TRAFFIC CONTROL PLAN, TCP-60.
- 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

TEMPORARY SIGNAL PHASE IV DWG. NO. TS-15

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 NO. 1045007.35 DATE 2/6/91

DRAWN BY: D. A. NIES  
 CHECK BY: E. MILESKY  
 SCALE: 1"=20'

SEE TITLE SHEET  
 P-981-451-385  
 PRINCE GEORGES

PLANNED SHEET NO. SHEET NO. 361 OF 465

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

REV. NO. 1  
 AUGUST 1996 - WTB  
 MODIFY EXISTING SIGNAL  
 SHA NO. PG900571  
 JDM

APPROVALS  
 DIVISION CHIEF  
 ASST. DISTRICT ENGINEER, TRAFFIC  
 DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE