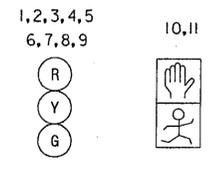


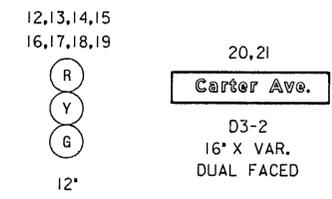


MD 450 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.

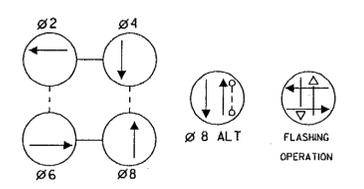
### EXISTING SIGNALS



### PROPOSED SIGNS/SIGNALS

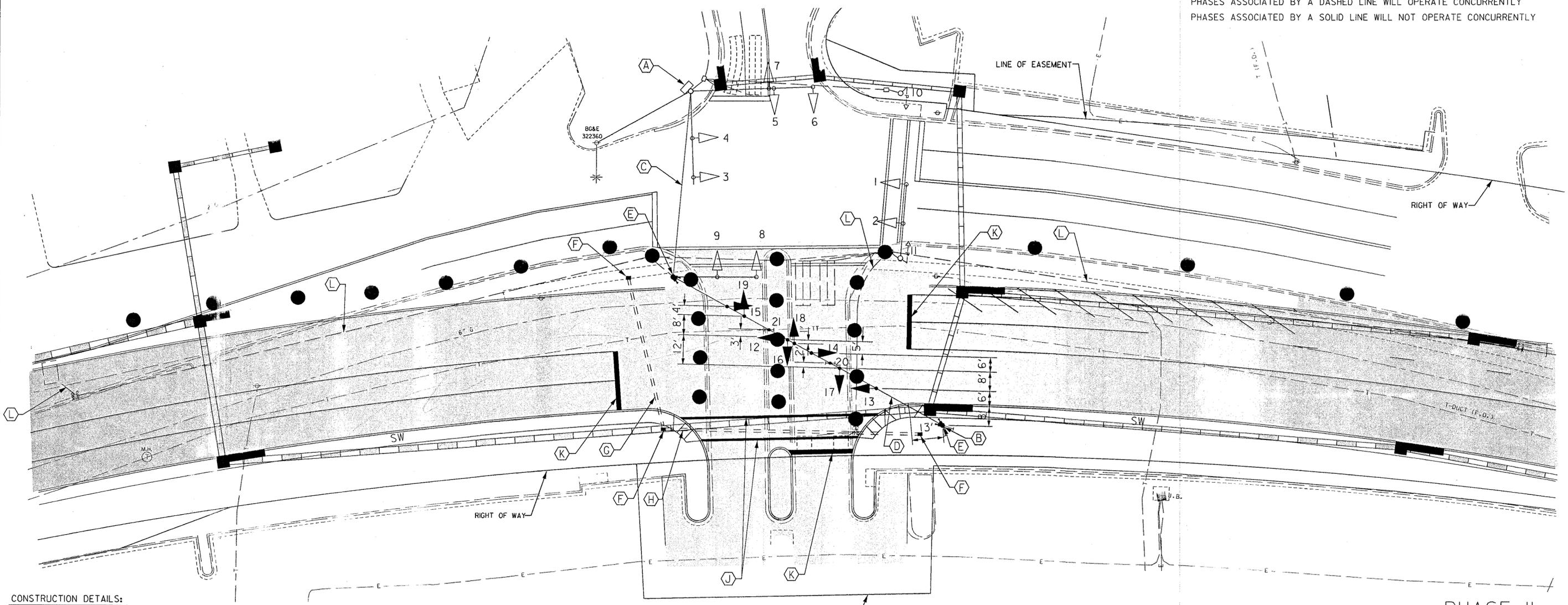


### NEMA PHASING



### NEMA NOTES

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



#### CONSTRUCTION DETAILS:

- A. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER WITH VIDEO TRAFFIC DETECTION SYSTEM TO BE INSTALLED BY SHA.
- B. INSTALL 40 FT. CLASS II WOOD STRAIN POLE WITH TWO BACK GUYS AND VIDEO TRAFFIC CAMERAS (NOTE: DO NOT CUT CABLES UNTIL CAMERAS ARE PLACED AT THEIR ULTIMATE POSITION).
- C. INSTALL 3/8 IN. STEEL SPAN WIRE AND 1/4 IN. STEEL TETHER WIRE.
- D. INSTALL 3/8 IN. STEEL SPAN WIRE, 1/4 IN. STEEL TETHER WIRE, VEHICULAR SIGNAL HEADS, AND SIGNS (NOTE: BAG VEHICULAR SIGNAL HEADS AND SIGNS UNTIL PHASE THREE).
- E. INSTALL VIDEO TRAFFIC CAMERAS ON EXISTING POLE (NOTE: DO NOT CUT CABLES UNTIL CAMERAS ARE PLACED AT THEIR ULTIMATE LOCATION).
- F. INSTALL HANDHOLE.
- G. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-BORED.
- H. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-SLOTTED.
- J. INSTALL 12 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR CROSSWALK.
- K. INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
- L. CAP AND ABANDON OR REMOVE EXISTING CONDUIT.

## PHASE II CONSTRUCTION

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

REVISIONS	APPROVALS
① 1/2002 SIGNAL MODIFICATION DUE TO RECONSTRUCTION ON MD 450	ORIGINAL TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
② REVISED LENGTH OF LOOP DETECTORS AT ENT. TO SHOPPING MALL	ON ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	FILE DIRECTOR, TRAFFIC & SAFETY

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

MD 450 - WHITFIELD CHAPEL ROAD TO SEABROOK ROAD  
MD 450 AT CARTER AVENUE PHASE II SIGNAL

DRAWN BY: MB	F.A.P. NO. SEE TITLE SHEET	TS NO. TS-1818B-PH2A	SHEET NO.
CHECKED BY: PDU	S.H.A. NO. PG9005471	T.I.M.S. NO. C 974	159 OF 200
SCALE: 1"=20'	COUNTY: PRINCE GEORGE'S		
DATE: JANUARY 2002	LOG MILE:		

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FOR PLOT: \stapentables\deltout+ose.tbl