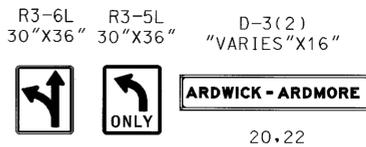


EXISTING SIGNALS TO REMAIN



15-18

EXISTING SIGNS TO REMAIN



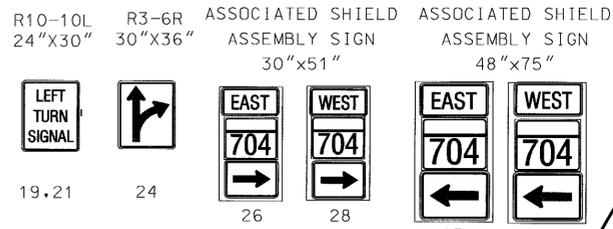
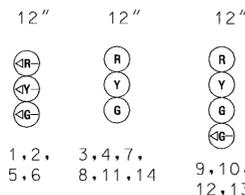
23 25 20,22

EXISTING SIGNS TO BE REMOVED



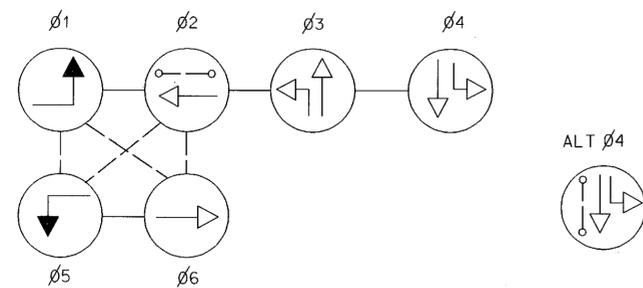
30,31

PROPOSED SIGNALS



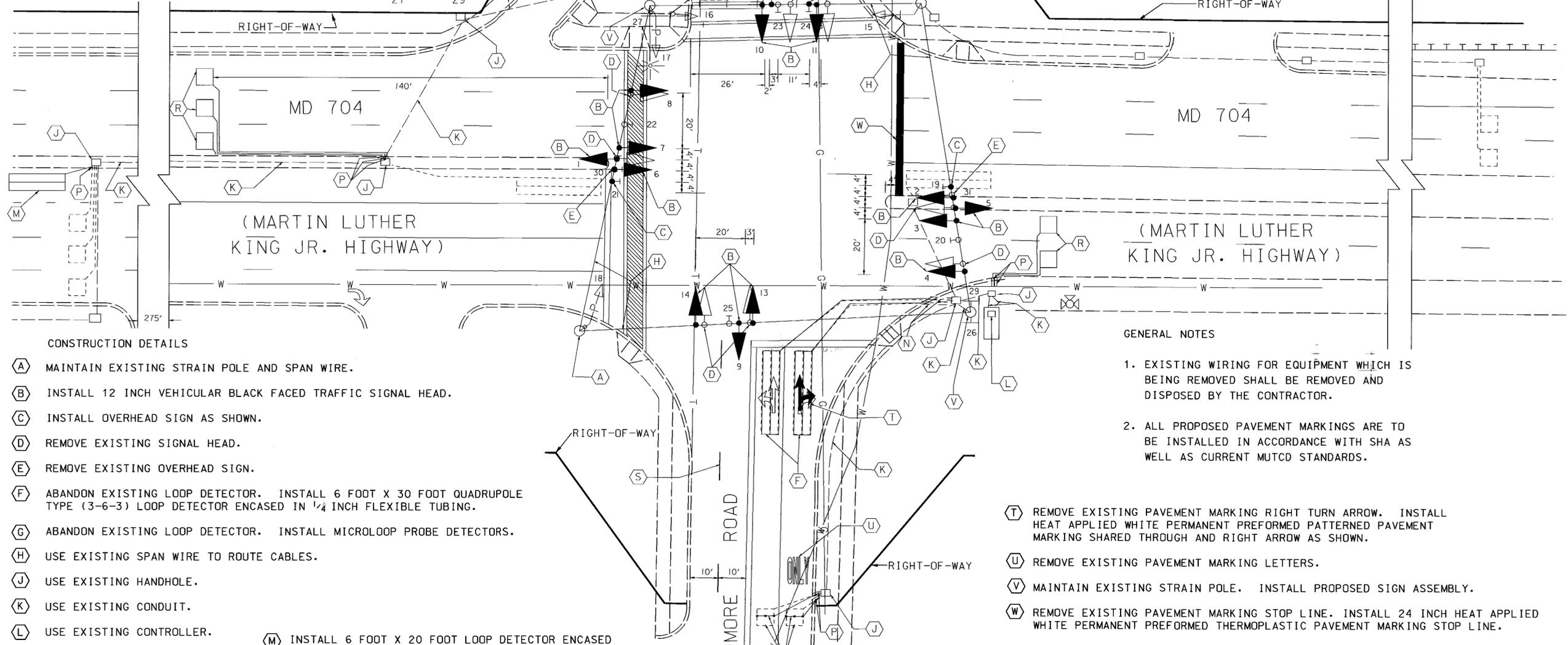
19,21 24 26 28 27 29

PHASING CHART



1) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
2) PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

MD 704 (M.L.KING HWY.) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



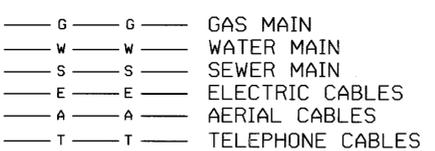
CONSTRUCTION DETAILS

- (A) MAINTAIN EXISTING STRAIN POLE AND SPAN WIRE.
- (B) INSTALL 12 INCH VEHICULAR BLACK FACED TRAFFIC SIGNAL HEAD.
- (C) INSTALL OVERHEAD SIGN AS SHOWN.
- (D) REMOVE EXISTING SIGNAL HEAD.
- (E) REMOVE EXISTING OVERHEAD SIGN.
- (F) ABANDON EXISTING LOOP DETECTOR. INSTALL 6 FOOT X 30 FOOT QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING.
- (G) ABANDON EXISTING LOOP DETECTOR. INSTALL MICROLOOP PROBE DETECTORS.
- (H) USE EXISTING SPAN WIRE TO ROUTE CABLES.
- (J) USE EXISTING HANDHOLE.
- (K) USE EXISTING CONDUIT.
- (L) USE EXISTING CONTROLLER.
- (M) INSTALL 6 FOOT X 20 FOOT LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING 500 FEET FROM STOP LINE.
- (N) INSTALL 1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE.
- (P) INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- (R) INSTALL 6 FOOT X 6 FOOT LOOP DETECTORS ENCASED IN 1/4 INCH FLEXIBLE TUBING (4 TURNS).
- (S) INSTALL 5 INCH WHITE LEAD FREE PERMANENT PREFORMED PATTERNED THERMOPLASTIC PAVEMENT MARKING LANE LINE (10'-30'-10') MATCH TO EXISTING LANE LINE MARKING 215 FEET FROM STOP BAR.

GENERAL NOTES

- 1. EXISTING WIRING FOR EQUIPMENT WHICH IS BEING REMOVED SHALL BE REMOVED AND DISPOSED BY THE CONTRACTOR.
- 2. ALL PROPOSED PAVEMENT MARKINGS ARE TO BE INSTALLED IN ACCORDANCE WITH SHA AS WELL AS CURRENT MUTCD STANDARDS.
- (T) REMOVE EXISTING PAVEMENT MARKING RIGHT TURN ARROW. INSTALL HEAT APPLIED WHITE PERMANENT PREFORMED PATTERNED PAVEMENT MARKING SHARED THROUGH AND RIGHT ARROW AS SHOWN.
- (U) REMOVE EXISTING PAVEMENT MARKING LETTERS.
- (V) MAINTAIN EXISTING STRAIN POLE. INSTALL PROPOSED SIGN ASSEMBLY.
- (W) REMOVE EXISTING PAVEMENT MARKING STOP LINE. INSTALL 24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING STOP LINE.

UTILITY LEGEND



REVISIONS		APPROVALS	
E	5-20-87 REVISED DESIGN DUE TO GEOMETRICS		
F	EB + WB EXCLUSIVE LEFT-TURN PHASING 7-25-02 SHA NO. 221062285		
MP			

REVISION 'F'  
ENGINEERS  
PLANNERS  
SCIENTISTS  
CONSTRUCTION MANAGERS

**KCI**  
TECHNOLOGIES

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**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
MD 704 (MARTIN LUTHER KING JR. HIGHWAY)  
AND ARDWICK-ARDMORE ROAD  
GLENARDEN, MARYLAND  
TRAFFIC SIGNAL PLAN

DRAWN BY: J.B.	F.A.P. NO. M-5025(2)	TS NO. 549F	SHEET NO.
CHECKED BY: AL BUDNICHUK	S.H.A. NO. 042415N	T.I.L.M.S. NO. F226	1 OF 2
SCALE: 1"=20'	COUNTY: PRINCE GEORGE'S		
DATE: 10-12-72	LOG MILE: 1607040J5		

PLOTTED: 10:28 PM on Thursday, August 01, 2002  
 By: MsSandy Pierre, Division: Transportation  
 FILE: m:\1997\091029\au\dr\awings\vp01f126.dgn