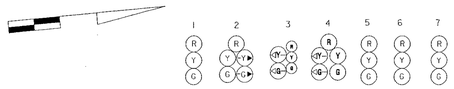
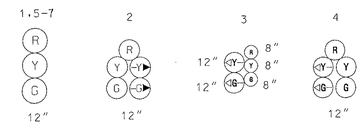
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



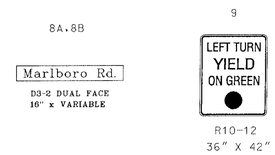
	1	2	3	4	5	6	7
PHASE 2 & 5	R	R	G	G	G	R	R
2 & 5 CHANGE	R	R	Y	Y	Y	R	R
PHASE 2 & 6	G	G	◄G-G	◄G-G	G	R	R
2 & 6 CHANGE	Y	Y	◄G-Y	◄G-Y	Y	R	R
PHASE 4	R	R-G►	R	R	R	G	G
4 CHANGE	R	R-Y►	R	R	R	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R

SIGNALS



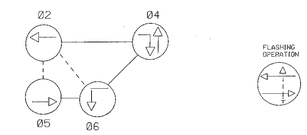
SIGNALS 1-5 ARE PROPOSED

SIGNS

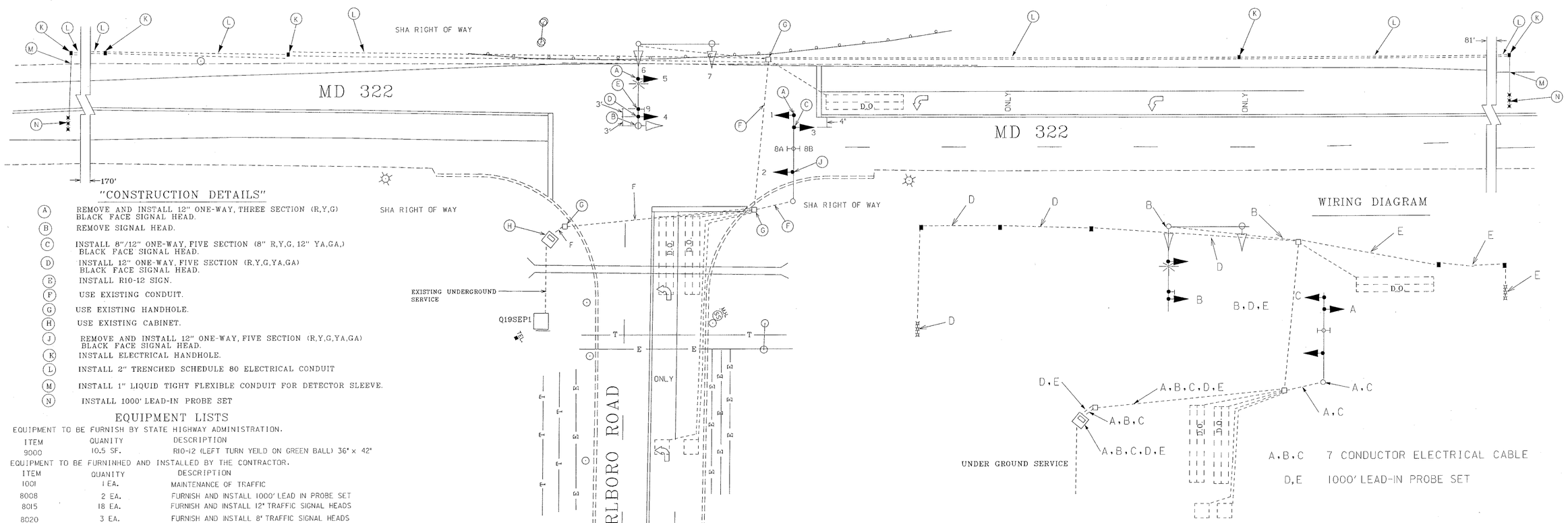


SIGN 9 IS PROPOSED.

NEMA PHASING



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



"CONSTRUCTION DETAILS"

- (A) REMOVE AND INSTALL 12" ONE-WAY, THREE SECTION (R,Y,G) BLACK FACE SIGNAL HEAD.
- (B) REMOVE SIGNAL HEAD.
- (C) INSTALL 8"/12" ONE-WAY, FIVE SECTION (8" R,Y,G, 12" YA,GA,) BLACK FACE SIGNAL HEAD.
- (D) INSTALL 12" ONE-WAY, FIVE SECTION (R,Y,G,YA,GA) BLACK FACE SIGNAL HEAD.
- (E) INSTALL R10-12 SIGN.
- (F) USE EXISTING CONDUIT.
- (G) USE EXISTING HANDHOLE.
- (H) USE EXISTING CABINET.
- (J) REMOVE AND INSTALL 12" ONE-WAY, FIVE SECTION (R,Y,G,YA,GA) BLACK FACE SIGNAL HEAD.
- (K) INSTALL ELECTRICAL HANDHOLE.
- (L) INSTALL 2" TRENCHED SCHEDULE 80 ELECTRICAL CONDUIT
- (M) INSTALL 1" LIQUID TIGHT FLEXIBLE CONDUIT FOR DETECTOR SLEEVE.
- (N) INSTALL 1000' LEAD-IN PROBE SET

EQUIPMENT LISTS

EQUIPMENT TO BE FURNISH BY STATE HIGHWAY ADMINISTRATION.

ITEM	QUANITY	DESCRIPTION
9000	10.5 SF.	R10-12 (LEFT TURN YEILD ON GREEN BALL) 36" x 42"

EQUIPMENT TO BE FURNINHED AND INSTALLED BY THE CONTRACTOR.

ITEM	QUANITY	DESCRIPTION
1001	1 EA.	MAINTENANCE OF TRAFFIC
8008	2 EA.	FURNISH AND INSTALL 1000' LEAD IN PROBE SET
8015	18 EA.	FURNISH AND INSTALL 12" TRAFFIC SIGNAL HEADS
8020	3 EA.	FURNISH AND INSTALL 8" TRAFFIC SIGNAL HEADS
8028	1 EA.	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
8031	950 LF.	FURNISH AND INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8046	20 LF.	FURNISH AND INSTALL 1" LIQUID TIGHT TIGHT FLEXIBLE CONDUIT SLEEVE
8049	5 EA.	FURNISH AND INSTALL ELECTRICAL HANDHOLE.
8051	10.5 SF.	INSTALL OVERHEAD SIGN
8063	660 LF.	FURNISH AND INSTALL 7 - CONDUCTOR ELECTRICAL CABLE
8065	60 LF.	FURNISH AND INSTALL SAWCUT FOR SIGNAL LOOP DETECTOR

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

REVISIONS	APPROVALS
(C) INSTALL EXCLUSIVE/PERMISSIVE FOR SOUTHBOUND MD 322 AND INSTALL FAILED PROBES. 8/1/2006	ORIGINAL — CHIEF, DESIGN DIVISION
(B) 02/96 - AS BUILT: INSTALLED RIGHT TURN OVERLAP FOR N/B MD 322: SHA*	ASST. DIVISION CHIEF, TRAFFIC
(A) 12/93 CONVERT L.C.B TO FULL - ACTUATED SIGNAL	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — FILE
DBD DD ETP TH	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

MD 322 AND MARLBORO ROAD

SIGNAL *2032203.29

DRAWN BY: D. DICKERSON	F.A.P. NO.	TS/ FILE NO.	SHEET NO.
CHECK BY: D.DODA	S.H.A. NO. 2385-T252-002	E 017	
SCALE: 1" = 20'	COUNTY TALBOT	TS-3388 (C)	1 OF 1