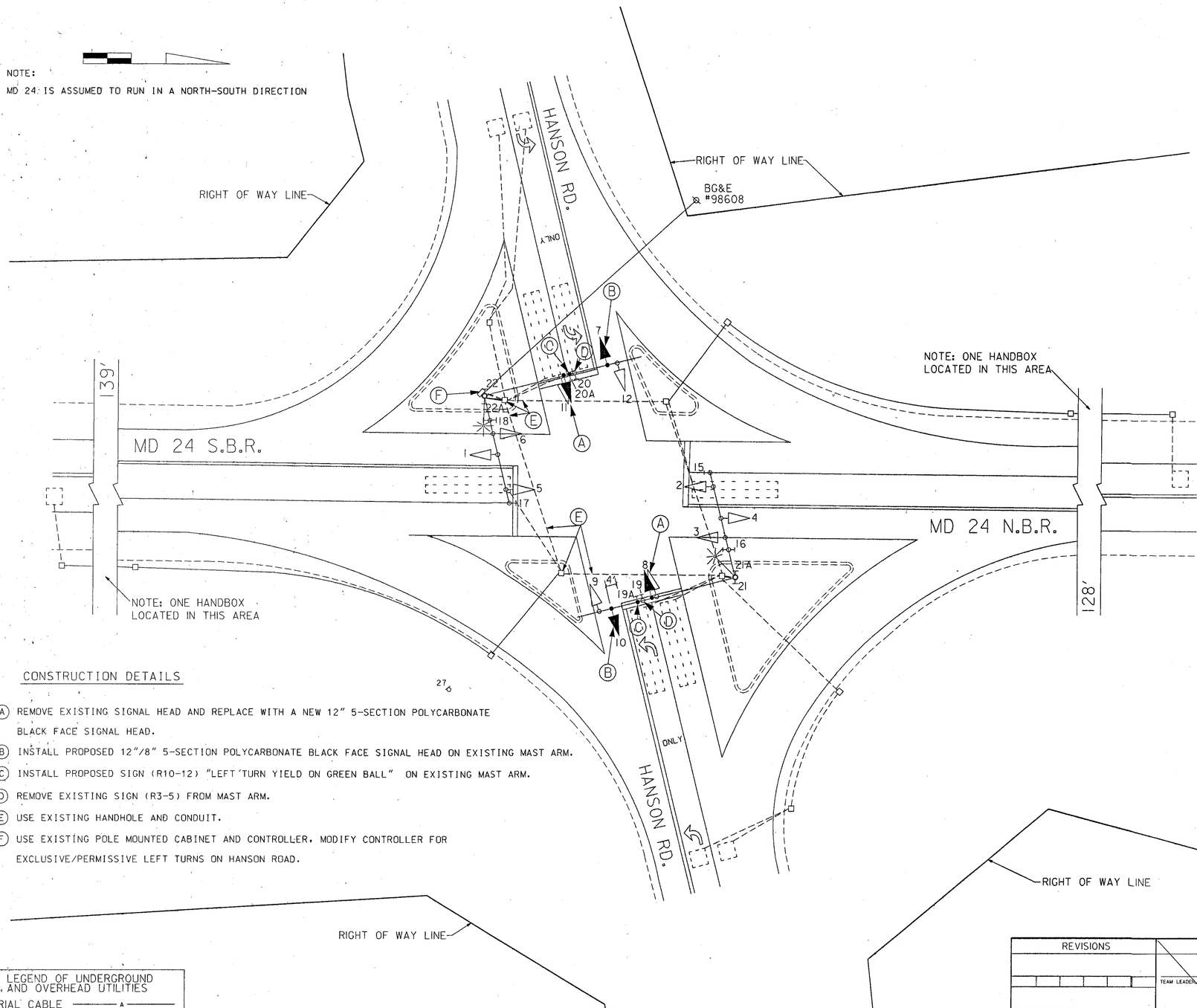
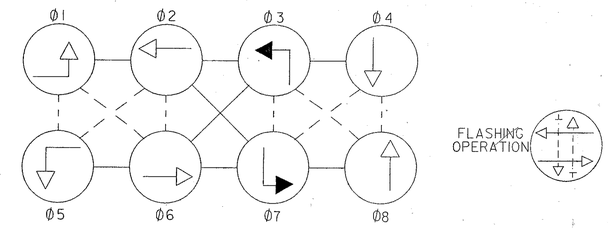
NOTE:
MD 24 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

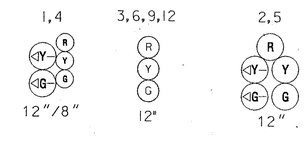


NEMA PHASING

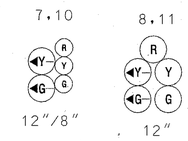


1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

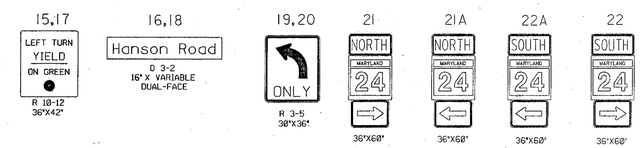
EXISTING SIGNALS



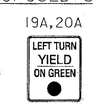
PROPOSED SIGNALS



EXISTING SIGNS



PROPOSED SIGNS



CONSTRUCTION DETAILS

(A) REMOVE EXISTING SIGNAL HEAD AND REPLACE WITH A NEW 12" 5-SECTION POLYCARBONATE BLACK FACE SIGNAL HEAD.

(B) INSTALL PROPOSED 12"/8" 5-SECTION POLYCARBONATE BLACK FACE SIGNAL HEAD ON EXISTING MAST ARM.

(C) INSTALL PROPOSED SIGN (R10-12) "LEFT TURN YIELD ON GREEN BALL" ON EXISTING MAST ARM.

(D) REMOVE EXISTING SIGN (R3-5) FROM MAST ARM.

(E) USE EXISTING HANDHOLE AND CONDUIT.

(F) USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. MODIFY CONTROLLER FOR EXCLUSIVE/PERMISSIVE LEFT TURNS ON HANSON ROAD.

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

SPECIAL NOTE:

DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING SIGNAL HEADS TO BE REMOVED AND RE-CONNECT TO PROPOSED SIGNAL HEADS. ANY SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

REVISIONS	APPROVALS
(B) MODIFY EX. TRAFFIC SIGNAL TO INCLUDE E/P LEFT TURN PHASE ON HANSON ROAD S.H.A. NO. SE-SIGNAL JANUARY 15, 2003 GCP (A) RECONSTRUCT TO ADD E/P LT'S ON MD 24 10-7-94 SMR	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 24 (EMMORTON ROAD)
AT HANSON ROAD

DRAWN BY:	B.T.	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:	A.B.	S.H.A. NO.	H-681X-000-485	TS-1211(B)	
SCALE:	1"=20'	COUNTY:	HARFORD	T.I.M.S. NO.	1 OF 1
DATE:		LOG MILE:	12002401.09	F-252	