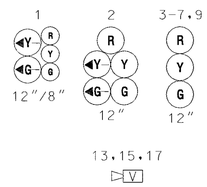
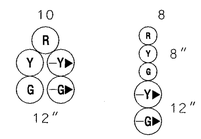
MD 22 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

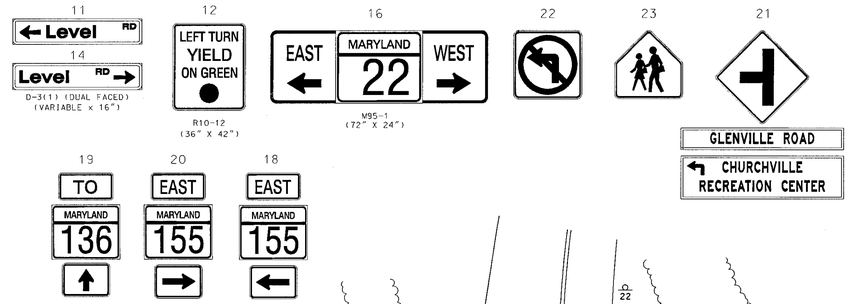
EXISTING SIGNALS



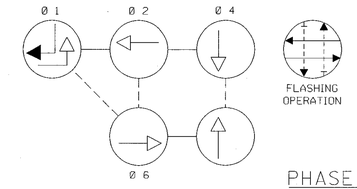
PROPOSED SIGNALS



EXISTING SIGNS



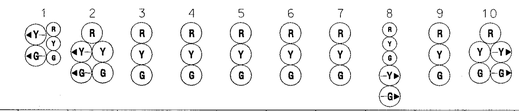
NEMA PHASING



PHASING NOTES:

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

PHASE CHART



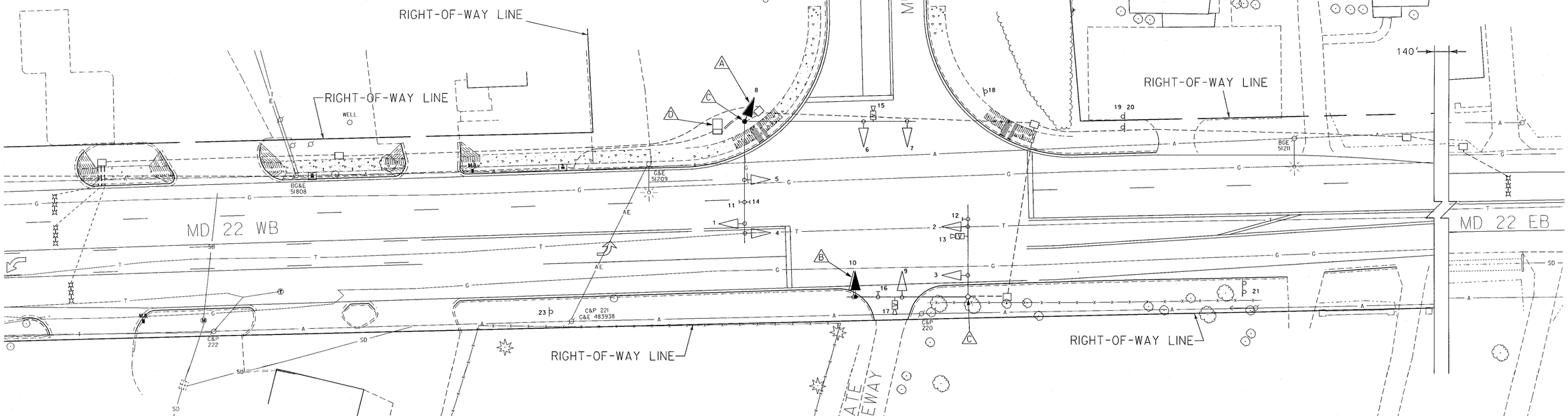
	1	2	3	4	5	6	7	8	9	10
PHASE 1 + 6	G	G	G	R	R	R	R	R	R	R
1 + 6 CHANGE	G	G	G	R	R	R	R	R	R	R
PHASE 2 + 6	G	G	G	G	G	R	R	R	R	R
2 + 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	R
PHASE 4 + 8	R	R	R	R	R	G	G	G	G	G
4 + 8 CHANGE	R	R	R	R	R	Y	Y	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED, INSTALLED & REMOVED BY THE S.H.A.

ITEM NO.	QUANTITY	DESCRIPTION
9007	7 EA.	12" 1-WAY, 1 SECTION SIGNAL HEAD (POLYCARB) BLACK FACE
9034	3 EA.	8" 1-WAY, 1 SECTION SIGNAL HEAD (POLYCARB) BLACK FACE (*)

(*) TWO (2) SIGNAL HEADS, 3-SECTION.



CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGNAL HEAD AND INSTALL PROPOSED SIGNAL HEAD #8. USE THE EXISTING ELECTRICAL CABLE 7-CONDUCTOR (NO. 14AWG).

B. REMOVE EXISTING SIGNAL HEAD AND INSTALL PROPOSED SIGNAL HEAD #10. USE THE EXISTING ELECTRICAL CABLE 7-CONDUCTOR (NO. 14AWG).

C. USE EXISTING SIGNAL POLE/MAST ARM.

D. MODIFY EXISTING CONTROLLER TO ADD RIGHT TURN OVERLAP FOR MD 155.

REVISIONS
A INSTALL SIGNAL INDICATIONS FOR RIGHT TURN OVERLAP FROM MD 155 TO MD 22 SHA NO. SF-SIGNAL 12/2003

GP

APPROVALS

ORIGINAL

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ON

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

FILE

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN

MD 22 (CHURCHVILLE ROAD) @ MD 155 (LEVEL ROAD)

DRAWN BY: S.BLOSS	F.A.P. NO. -	TS NO. TS-3835 A	SHEET NO.
CHECKED BY: N.LEARY/KLM	S.H.A. NO. HAI635176	T.I.M.S. NO. G120	1 OF 1
SCALE: 1" = 20'	COUNTY: HARFORD		
DATE: 9/10/2001	LOG MILE: 12002205.54		