EXISTING SIGNALS

1-3,6-11: R, Y, G — 12"

12,13: 12"

PROPOSED SIGNALS

4,5: Y — 12" LED BLACK FACED

EXISTING SIGNS

14: ⇦ Ritters Lane / Enchanted Hills Rd ⇨ — D 3-2, 32" x Var.

15: ⇦ Enchanted Hills Rd / Ritters Lane ⇨ — D 3-2, 32" x Var.

16: NO TURN ON RED — R 10-11 b, 18" x 18"

17,18: SCHOOL — S 2-1, 30" x 30"; M 6-2, 15" x 21"

19: SCHOOL — S 2-1, 30" x 30"; M 6-2, 15" x 21"

PROPOSED SIGNS

20: SIGNAL AHEAD / PREPARE TO STOP WHEN FLASHING — W3-3(2), 120" x 60"

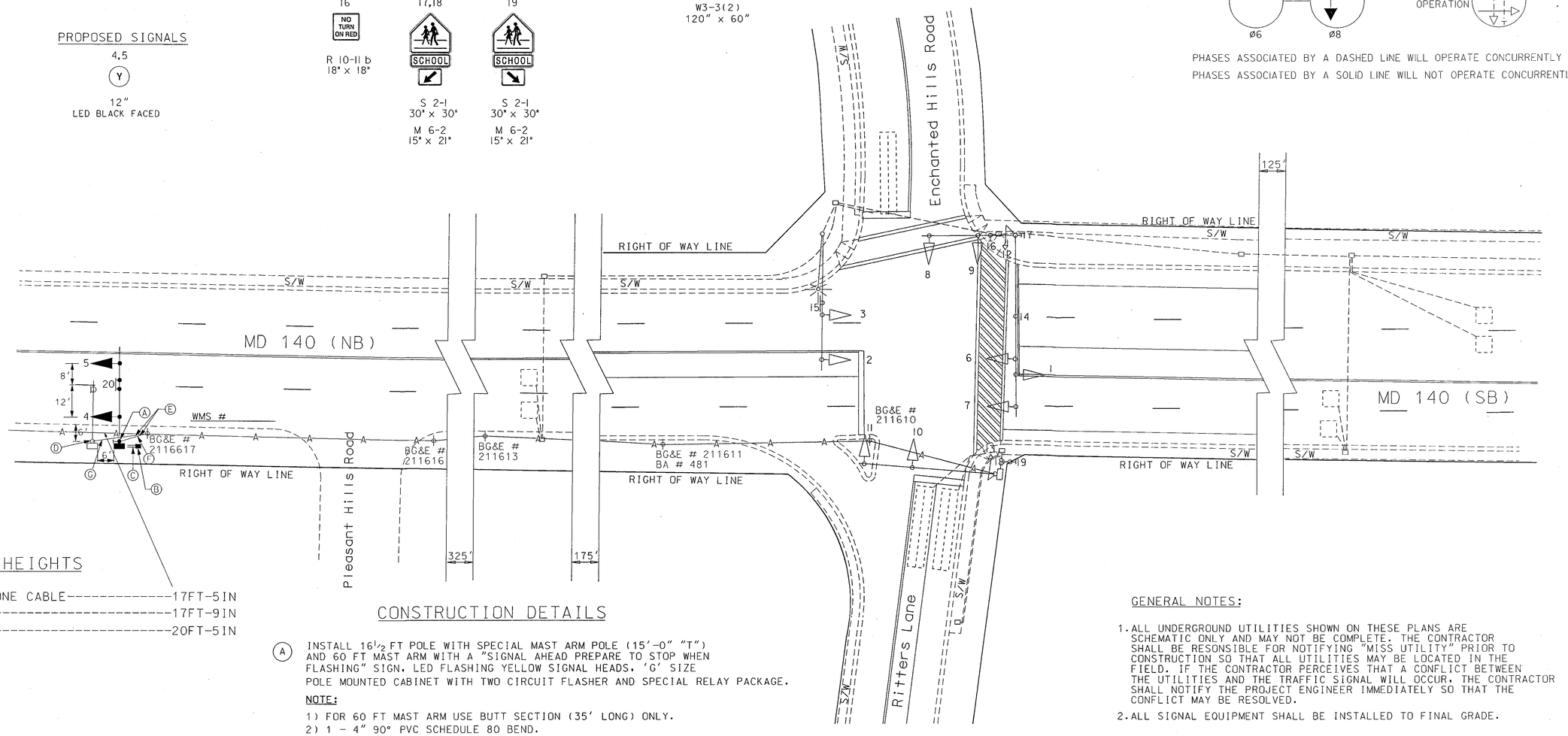
NEMA PHASING

ø2, ø4, ø4 Alt., ø6, ø8

FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



WIRE HEIGHTS

TELEPHONE CABLE----------17FT-5IN

CABLE----------17FT-9IN

CATV----------20FT-5IN

CONSTRUCTION DETAILS

(A) INSTALL 16½ FT POLE WITH SPECIAL MAST ARM POLE (15'-0" "T") AND 60 FT MAST ARM WITH A "SIGNAL AHEAD PREPARE TO STOP WHEN FLASHING" SIGN, LED FLASHING YELLOW SIGNAL HEADS, 'G' SIZE POLE MOUNTED CABINET WITH TWO CIRCUIT FLASHER AND SPECIAL RELAY PACKAGE.

NOTE:

1) FOR 60 FT MAST ARM USE BUTT SECTION (35' LONG) ONLY.
2) 1 - 4" 90° PVC SCHEDULE 80 BEND.
3) FOUNDATION MUST BE INSTALLED TO THE GRADE.

(B) INSTALL HANDHOLE.

(C) INSTALL 4" SCHEDULE 80 PVC TRENCH CONDUIT.

(D) REMOVE EXISTING POLE AND MAST ARM, ALL ATTACHED EQUIPMENT, AND REMOVE FOUNDATION 12" BELOW GRADE.

(E) PULL BACK EXISTING INTERCONNECT AND REFEED TO PROPOSED 'G' TYPE POLE MOUNTED CABINET.

(F) PROPOSED ELECTRICAL SERVICE. WMS #

(G) REMOVE EXISTING FEED.

GENERAL NOTES:

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

GEOMETRIC LEGEND:

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

UTILITY LEGEND

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

REVISIONS	APPROVALS
(E) REMOVE RED SIGNAL AHEAD SIGN AND REPLACE WITH SIGNAL AHEAD PREPARE TO STOP WHEN FLASHING — S.H.A. NO.: XX1069385 OCTOBER 21, 2002 — GCP	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
(D) INSTALL DETECTORS AND INTERCONNECT — S.H.A. NO. 18-156-501-485 NOVEMBER 15, 1994 — JJD	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 140 (REISTERSTOWN ROAD) AT NORTH OF ENCHANTED HILLS ROAD/RITTERS LANE

DRAWN BY:	L. TOWNSON	F.A.P. NO.	N/A	TS NO. 169(E)	SHEET NO.
CHECKED BY:	M. RUCKER	S.H.A. NO.	BA166A56, B5J	T.I.M.S. NO. F388	1 OF 2
SCALE:	1" = 20'	COUNTY:	BALTIMORE		
DATE:	OCT. 14, 1970	LOG MILE:	03014006.23		