MD 144 IS ASSUMED TO RUN EAST-WEST DIRECTION.

EXISTING SIGNS

25a,28a — S. Rolling Rd.
25b,28b — S. Rolling Rd.
D3-2 16" x Var. - Dual Faced

27,30,33,34 — NO TURN ON RED, R10-11a 30" x 36"

32a,32b — Frederick Road, D3-2 16" x Var. - Dual Faced

49 — WEST 144 / EAST 144, ELLICOTT CY

26,29,~~31~~ — LEFT TURN YIELD ON GREEN, R 10-12 36"X42"

SIGN 31 SHALL BE REMOVED

35,36,42 — SCHOOL, S1-1a 30" x 30"

41 — WEST 144, SNOW EMERGENCY ROUTE

43 — SOUTH 166

48 — SOUTH 166, SNOW EMERGENCY ROUTE

37,39,45,46 — S2-1 30" x 30" FYG, M6-2 21" x 15" FYG

38,40,44,47,48 — S2-1 30" x 30" FYG, M6-2 21" x 15" FYG

50 — ONLY, R3-5R 30" x 36"

PROPOSED SIGNALS

6 — R, Y, G, Y, G, 12"

7,9 — R, Y 8", G, G 12"

EXISTING SIGNALS

17,18,19,20,21,22,23,24 — 9"

1,4 — R, Y, G, Y, G, 12"/8"

2,5 — R, Y, G, Y, G, 12"

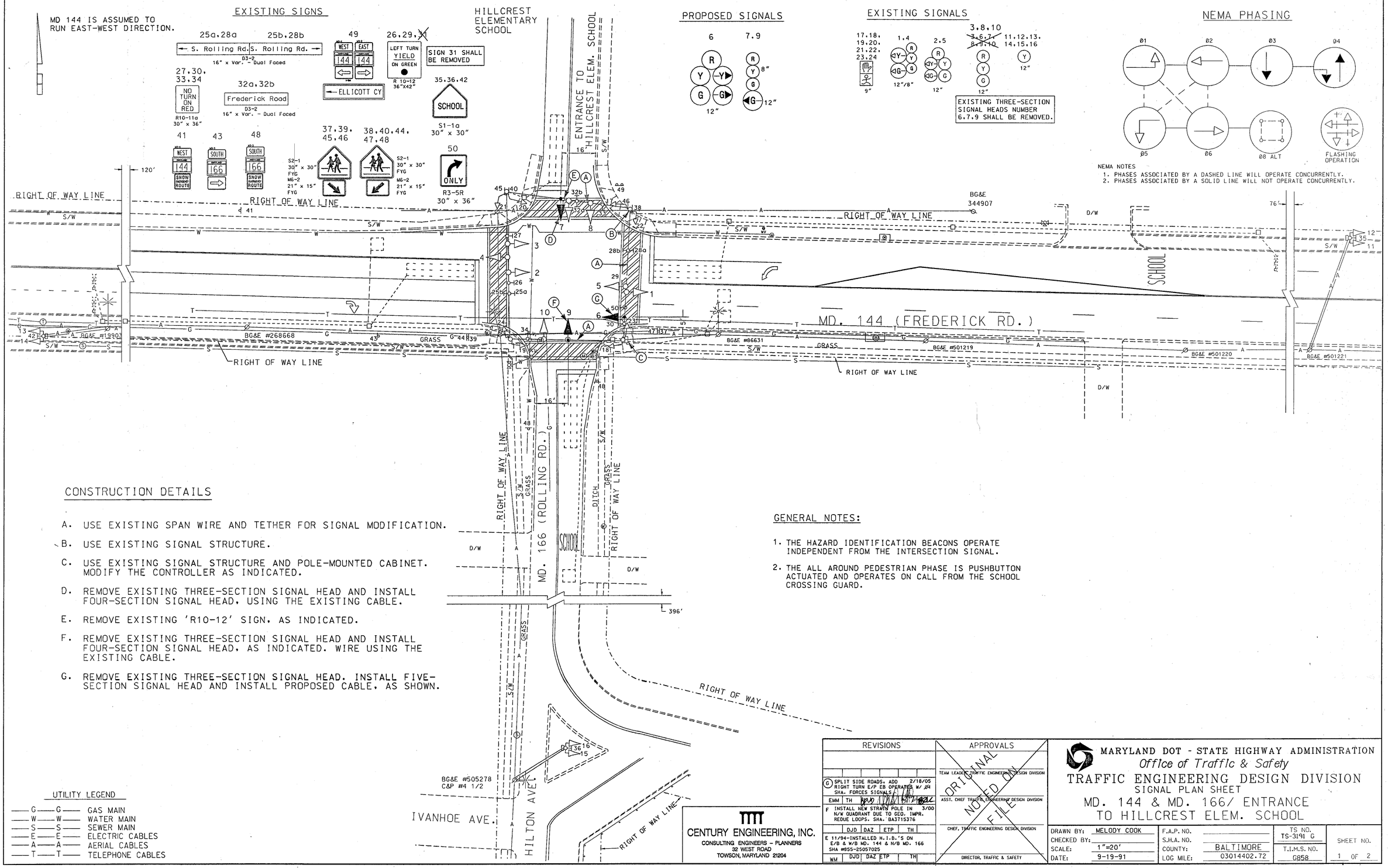
3,8,10 — ~~3,6,7~~ ~~8,9,10~~ R, Y, G, 12"

11,12,13,14,15,16 — Y, 12"

EXISTING THREE-SECTION SIGNAL HEADS NUMBER 6,7,9 SHALL BE REMOVED.

NEMA PHASING

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



CONSTRUCTION DETAILS

A. USE EXISTING SPAN WIRE AND TETHER FOR SIGNAL MODIFICATION.

B. USE EXISTING SIGNAL STRUCTURE.

C. USE EXISTING SIGNAL STRUCTURE AND POLE-MOUNTED CABINET. MODIFY THE CONTROLLER AS INDICATED.

D. REMOVE EXISTING THREE-SECTION SIGNAL HEAD AND INSTALL FOUR-SECTION SIGNAL HEAD, USING THE EXISTING CABLE.

E. REMOVE EXISTING 'R10-12' SIGN, AS INDICATED.

F. REMOVE EXISTING THREE-SECTION SIGNAL HEAD AND INSTALL FOUR-SECTION SIGNAL HEAD, AS INDICATED. WIRE USING THE EXISTING CABLE.

G. REMOVE EXISTING THREE-SECTION SIGNAL HEAD. INSTALL FIVE-SECTION SIGNAL HEAD AND INSTALL PROPOSED CABLE, AS SHOWN.

GENERAL NOTES:

1. THE HAZARD IDENTIFICATION BEACONS OPERATE INDEPENDENT FROM THE INTERSECTION SIGNAL.
2. THE ALL AROUND PEDESTRIAN PHASE IS PUSHBUTTON ACTUATED AND OPERATES ON CALL FROM THE SCHOOL CROSSING GUARD.

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

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

REVISIONS				
G	SPLIT SIDE ROADS. ADD RIGHT TURN E/P EB OPERATES W/ Ø4 SHA. FORCES SIGNALS			2/18/05
EMM	TH			
F	INSTALL NEW STRAIN POLE IN N/W QUADRANT DUE TO GEO. IMPR. REDUE LOOPS. SHA. BA3715376			3/00
	DJD	DAZ	ETP	TH
E	11/94-INSTALLED H.I.B.'S ON E/B & W/B MD. 144 & N/B MD. 166 SHA #855-25057025			
WM	DJD	DAZ	ETP	TH

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL NOTED ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNAL PLAN SHEET
MD. 144 & MD. 166/ ENTRANCE TO HILLCREST ELEM. SCHOOL

DRAWN BY:	MELODY COOK	F.A.P. NO.		TS NO. TS-3191 G	SHEET NO.
CHECKED BY:		S.H.A. NO.			
SCALE:	1"=20'	COUNTY:	BALTIMORE	T.I.M.S. NO. G858	1 OF 2
DATE:	9-19-91	LOG MILE:	03014402.72		

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