MD 45 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNAL HEADS TO BE REMOVED

1A-5A (R) (Y) Y — 12"/8"

6A,7A (Y) — 8"

PROPOSED SIGNAL HEADS (LED)

1-6 (R) (Y) (G) — 12"

PROPOSED VIDEO DETECTION CAMERA △

△ A,B,C (V)

EXISTING SIGNS TO BE RELOCATED (SHOWN AT FINAL LOCATION)

10,13 — S1-1 (36" x 36")

11 — R3-1 (30" x 30")

14 — R3-2 (30" x 30")

EXISTING SIGNS TO REMAIN

15 — R3-2 (30" x 30")

12 — R3-1 (30" x 30")

16 — DO NOT ENTER — R5-1 (30" x 30")

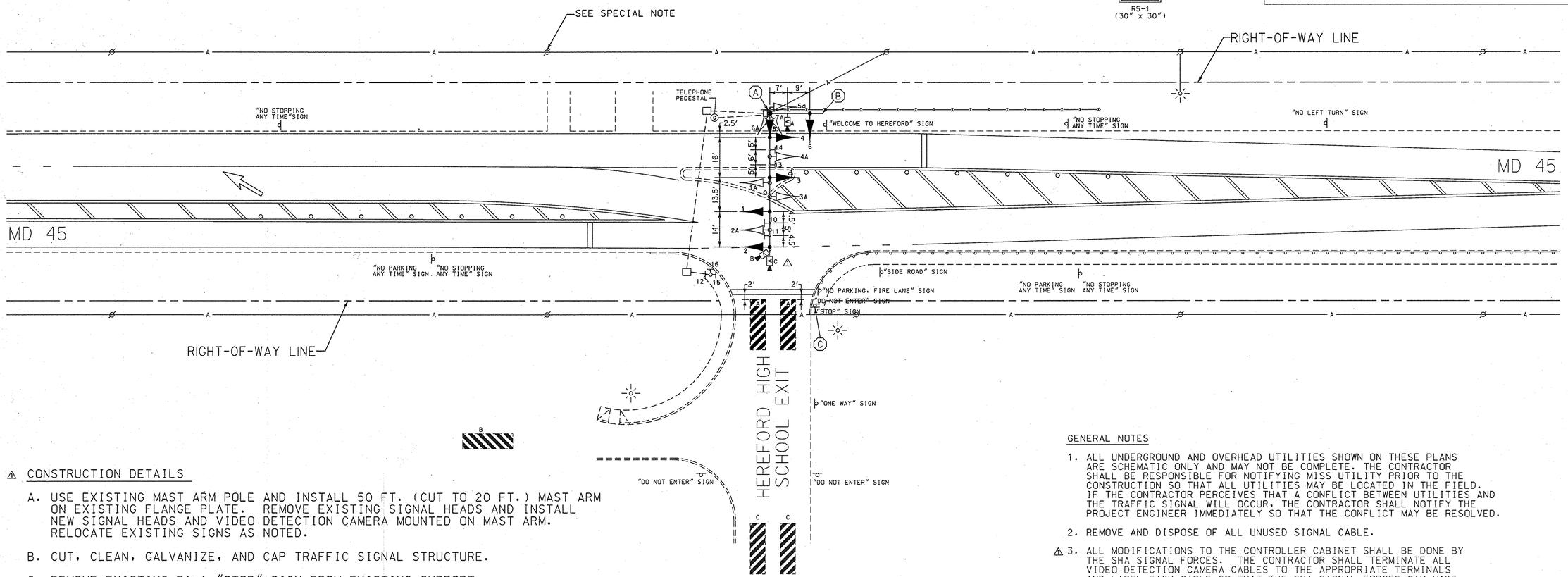
NEMA PHASING

NORMAL OPERATION

SPECIAL OPERATION: Ø 2, Ø 4, Ø 6

PHASING NOTES:

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



△ CONSTRUCTION DETAILS

A. USE EXISTING MAST ARM POLE AND INSTALL 50 FT. (CUT TO 20 FT.) MAST ARM ON EXISTING FLANGE PLATE. REMOVE EXISTING SIGNAL HEADS AND INSTALL NEW SIGNAL HEADS AND VIDEO DETECTION CAMERA MOUNTED ON MAST ARM. RELOCATE EXISTING SIGNS AS NOTED.

B. CUT, CLEAN, GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE.

C. REMOVE EXISTING R1-1 "STOP" SIGN FROM EXISTING SUPPORT.

△ D. INSTALL TWO (2) NEW VIDEO DETECTION CAMERAS MOUNTED ON MAST ARM. SHA SIGNAL FORCES WILL DETERMINE THE CAMERAS EXACT MOUNTING LOCATION AND ORIENTATION.

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.
2. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
3. △ ALL MODIFICATIONS TO THE CONTROLLER CABINET SHALL BE DONE BY THE SHA SIGNAL FORCES. THE CONTRACTOR SHALL TERMINATE ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND LABEL EACH CABLE SO THAT THE SHA SIGNAL FORCES CAN MAKE THE FINAL CONNECTIONS.

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

SPECIAL NOTE:

LEASE LIGHTING WILL BE PROVIDED ON THE UTILITY POLE

REDLINE REVISION NO.1

(12/12/2005)

△ AT SCHOOL EXIT: ADD TWO (2) VIDEO CAMERAS FOR BACK DETECTION.

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

REVISIONS

E	INSTALL PART-TIME SIGNAL CONTRACT AT7825185				09/16/05
NML	MK		DJD	WH	TH
D	RELOCATE SOUTHBOUND H.I.B.				09/02
MAS					
△	REVISE POWER SOURCE				12/01
NML					

APPROVALS

ORIGINAL ON FILE

TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF - TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN
MD 45 @ HEREFORD HIGH SCHOOL EXIT

DRAWN BY:	S.BLOSS	F.A.P. NO.		TS NO. TS-4119E	SHEET NO.
CHECKED BY:	N. LEARY	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	BALTIMORE	T.I.M.S. NO. H306	1 OF 2
DATE:	11/12/99	LOG MILE:	0300451 6.90		

$DGNNAME$