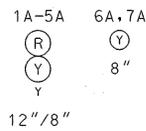
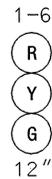


MD 45 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNAL HEADS TO BE REMOVED



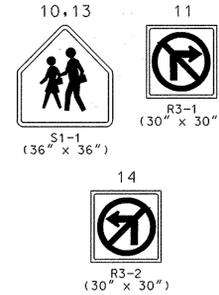
PROPOSED SIGNAL HEADS (LED)



PROPOSED VIDEO DETECTION CAMERA



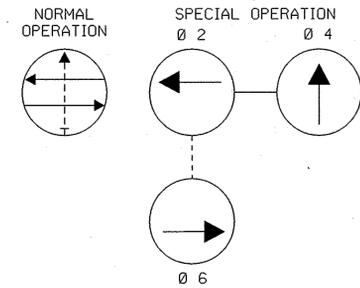
EXISTING SIGNS TO BE RELOCATED (SHOWN AT FINAL LOCATION)



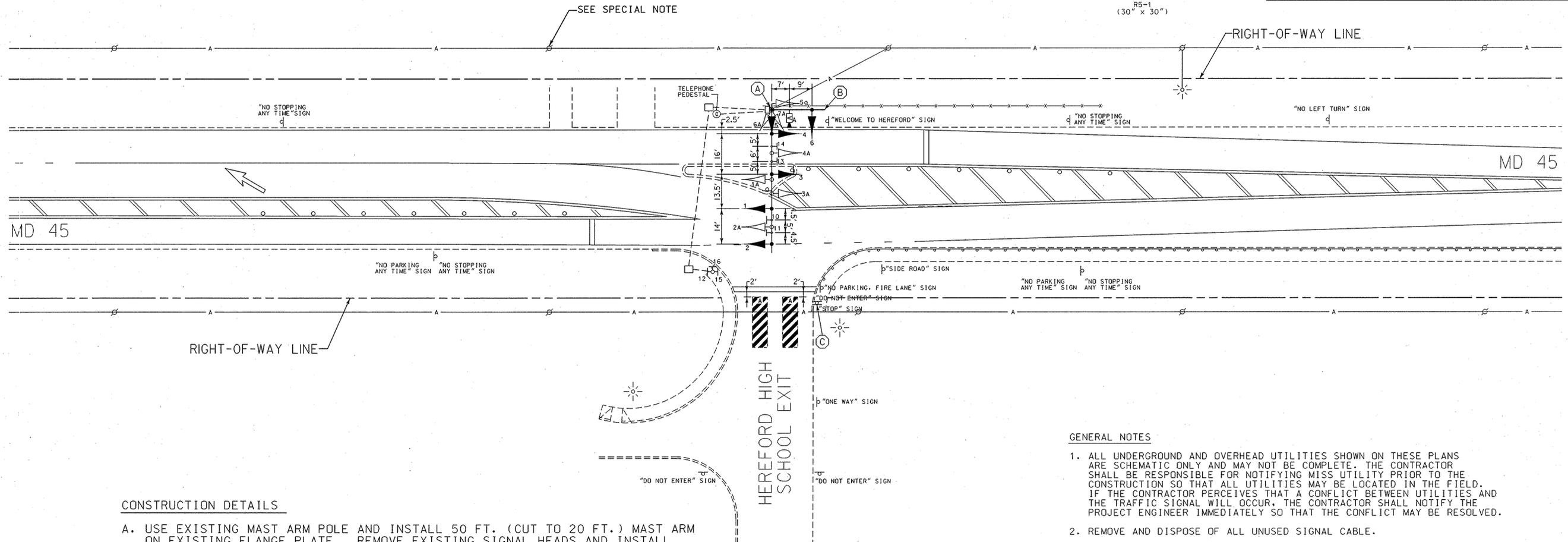
EXISTING SIGNS TO REMAIN



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.



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

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.

TOD No: AT782-13
 SHA: BA563A51/B51

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

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

REVISIONS	APPROVALS
(E) INSTALL PART-TIME SIGNAL CONTRACT AT782-13 09/16/05	TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
(D) RELOCATE SOUTHBOUND H.L.B. 09/02	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
MAS	CHEF TRAFFIC ENGINEERING DESIGN DIVISION
(A) REVISE POWER SOURCE 12/01	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.
CHECKED BY: N.LEARY	S.H.A. NO.	TS-4119E
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO. H306
DATE: 11/12/99	LOG MILE: 03004516.90	SHEET NO. 1 OF 2