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

VIDEO DETECTION ZONE

EXISTING SIGNS

8,10 — S1-1 (36" x 36")

7,9 — R3-1 (30" x 30")

11,12 — R3-2 (30" x 30")

13 — R5-1 (30" x 30") DO NOT ENTER

EXISTING VIDEO DETECTION CAMERA

a,b,c

EXISTING SIGNAL HEADS (LED)

1-6

R Y G

12"

NEMA PHASING

NORMAL OPERATION

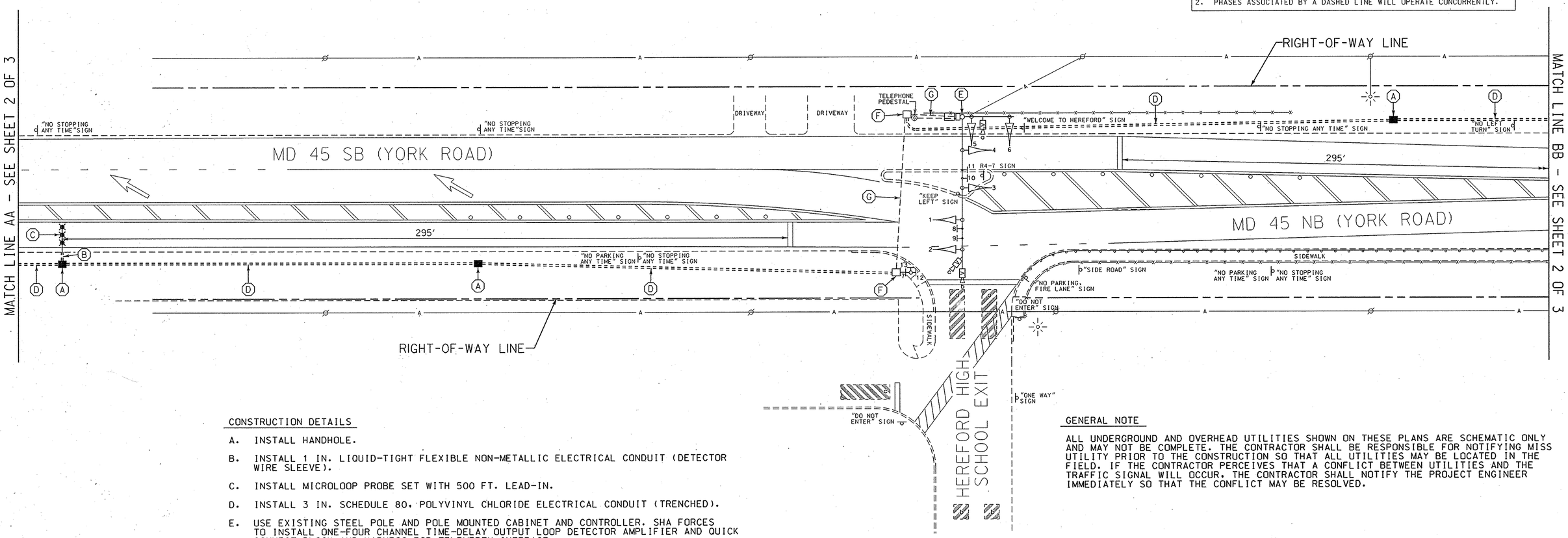
SPECIAL OPERATION

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. INSTALL HANDHOLE.

B. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

C. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.

D. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

E. USE EXISTING STEEL POLE AND POLE MOUNTED CABINET AND CONTROLLER. SHA FORCES TO INSTALL ONE-FOUR CHANNEL TIME-DELAY OUTPUT LOOP DETECTOR AMPLIFIER AND QUICK CONNECT BLOCK AND HARNESS FOR TELEMERTY INTERACE.

F. USE EXISTING HANDHOLE.

G. USE EXISTING CONDUIT.

GENERAL NOTE

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.

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

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

REVISIONS

F	INSTALL PROBES AND INTERCONNECT CONTRACT AT7825185 REVISION NO. 2			1/27/06
SRB	NML			
E	ADD VIDEO DETECTION CONTRACT AT7825185 REVISION NO. 1			11/01/05
NML				
E	INSTALL PART-TIME SIGNAL CONTRACT AT7825185			09/16/05
NML				
D	RELOCATE SOUTHBOUND H.B.			09/02
MAS				

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-4119F	SHEET NO.
CHECKED BY: N. LEARY	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO. H306	1 OF 3
DATE: 11/12/99	LOG MILE: 03.0045 16.90		

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