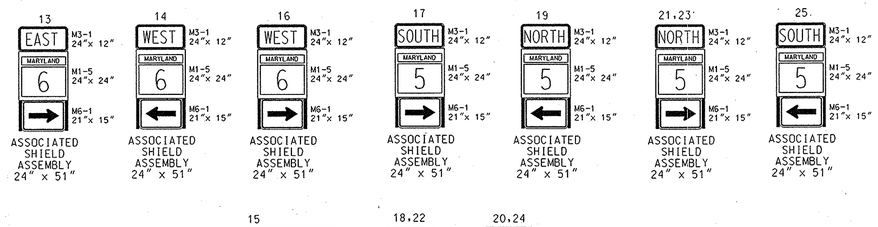
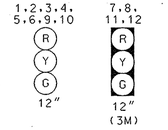
EXISTING SIGNS



MD 5 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

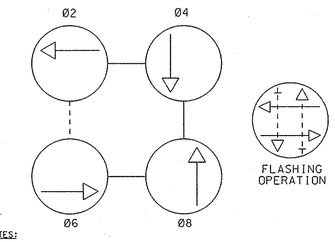
EXISTING SIGNALS



EXISTING OPTICOM DETECTOR

A

NEMA PHASING



PHASING NOTES:

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

PROPOSED VIDEO DETECTION CAMERA

a.b.c.d

VIDEO DETECTION ZONE

EQUIPMENT LIST "A"

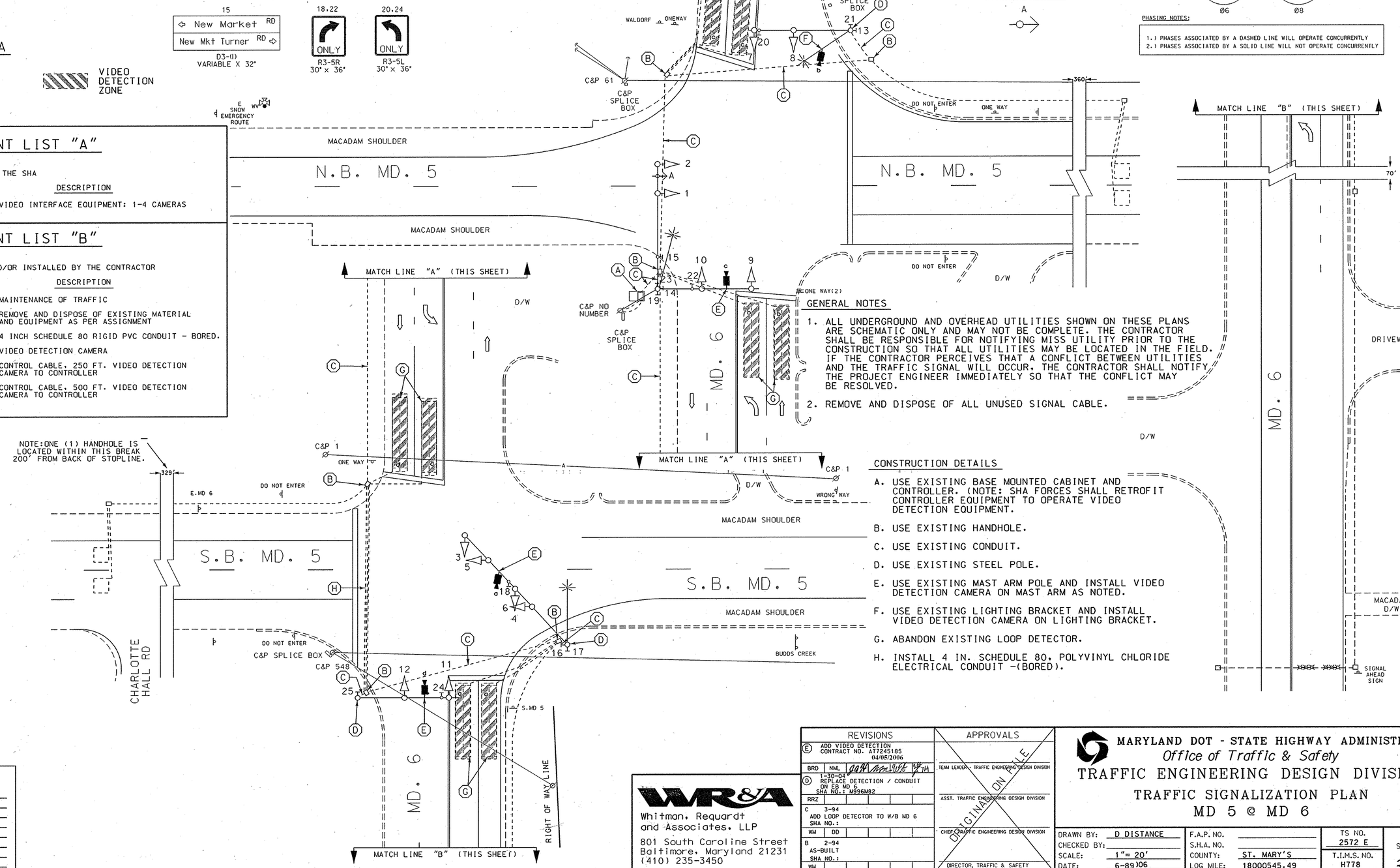
A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9086	1 EACH	VIDEO INTERFACE EQUIPMENT: 1-4 CAMERAS

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8004	PD.-under pg.1	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT AS PER ASSIGNMENT
8011	85 L.F.	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.
8026	4 EACH	VIDEO DETECTION CAMERA
8027	1 EACH	CONTROL CABLE, 250 FT. VIDEO DETECTION CAMERA TO CONTROLLER
8028	3 EACH	CONTROL CABLE, 500 FT. VIDEO DETECTION CAMERA TO CONTROLLER



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.

CONSTRUCTION DETAILS

A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT.
B. USE EXISTING HANDHOLE.
C. USE EXISTING CONDUIT.
D. USE EXISTING STEEL POLE.
E. USE EXISTING MAST ARM POLE AND INSTALL VIDEO DETECTION CAMERA ON MAST ARM AS NOTED.
F. USE EXISTING LIGHTING BRACKET AND INSTALL VIDEO DETECTION CAMERA ON LIGHTING BRACKET.
G. ABANDON EXISTING LOOP DETECTOR.
H. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT -(BORED).

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

E	ADD VIDEO DETECTION CONTRACT NO. AT7245185	04/05/2006
D	1-30-04 REPLACE DETECTION / CONDUIT ON SB MD 6 SHA NO.: M996M82	
C	3-94 ADD LOOP DETECTOR TO W/B MD 6 SHA NO.:	
B	2-94 AS-BUILT SHA NO.:	

BRD NML RRZ WM DD WM

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 5 @ MD 6

DRAWN BY: D DISTANCE	F.A.P. NO.	TS NO. 2572 E	SHEET NO.
CHECKED BY:	S.H.A. NO.		
SCALE: 1"= 20'	COUNTY: ST. MARY'S	T.I.M.S. NO. H778	2 OF 3
DATE: 6-89 06	LOG MILE: 18000545.49		

M:\3155619\MD 5 Video detection\sg03md5&md6.dgn