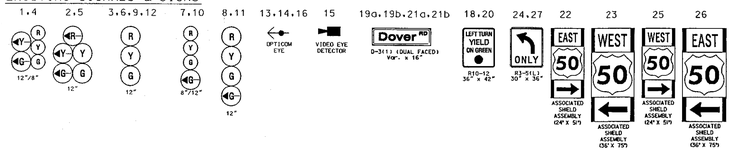
US 50 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION.

EXISTING SIGNALS & SIGNS



PROPOSED VIDEO DETECTION

17 VIDEO EYE DETECTOR

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

ITEM NO.	QUANTITY	DESCRIPTION
8001	1 EACH	F & I 250' VIDEO CABLE TO THE CONTROLLER
8002	2 EACH	F & I VIDEO DETECTION CAMERA

C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR		

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MR. ROBERT KIEL
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 810-3240

MR. TERRY WRIGHT
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 810-3250

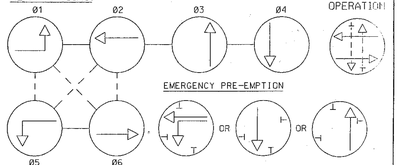
MR. BARRY CLOTHIER
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (410) 810-3275

MR. RICHARD DAFF
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7631

MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
PHONE: (410) 787-7652

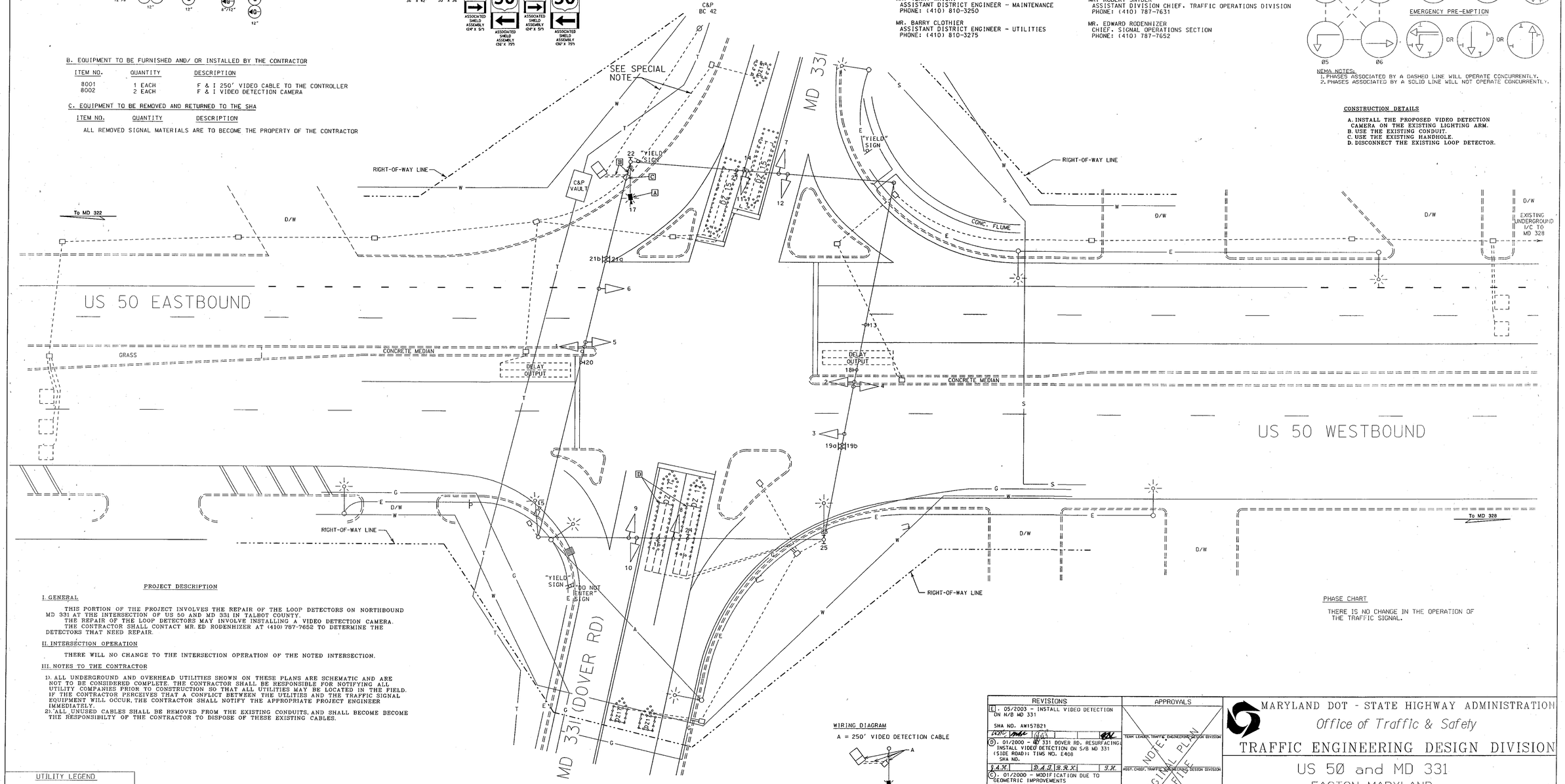
NEMA PHASING:



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. INSTALL THE PROPOSED VIDEO DETECTION CAMERA ON THE EXISTING LIGHTING ARM.
B. USE THE EXISTING CONDUIT.
C. USE THE EXISTING HANDHOLE.
D. DISCONNECT THE EXISTING LOOP DETECTOR.



PROJECT DESCRIPTION

I. GENERAL

THIS PORTION OF THE PROJECT INVOLVES THE REPAIR OF THE LOOP DETECTORS ON NORTHBOUND MD 331 AT THE INTERSECTION OF US 50 AND MD 331 IN TALBOT COUNTY.
THE REPAIR OF THE LOOP DETECTORS MAY INVOLVE INSTALLING A VIDEO DETECTION CAMERA.
THE CONTRACTOR SHALL CONTACT MR. ED RODENHIZER AT (410) 787-7652 TO DETERMINE THE DETECTORS THAT NEED REPAIR.

II. INTERSECTION OPERATION

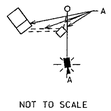
THERE WILL NO CHANGE TO THE INTERSECTION OPERATION OF THE NOTED INTERSECTION.

III. NOTES TO THE CONTRACTOR

1). ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
2). ALL UNUSED CABLES SHALL BE REMOVED FROM THE EXISTING CONDUITS, AND SHALL BECOME BECOME THE RESPONSIBILTY OF THE CONTRACTOR TO DISPOSE OF THESE EXISTING CABLES.

WIRING DIAGRAM

A = 250' VIDEO DETECTION CABLE



NOT TO SCALE

PHASE CHART

THERE IS NO CHANGE IN THE OPERATION OF THE TRAFFIC SIGNAL.

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
D	STORM DRAIN

REVISIONS	APPROVALS
E. 05/2003 - INSTALL VIDEO DETECTION ON N/B MD 331 SHA NO. AW157B21	
D. 01/2000 - MD 331 DOVER RD. RESURFACING. INSTALL VIDEO DETECTION ON S/B MD 331 (SIDE ROAD): TIMS NO. E408 SHA NO.	TEAM LEADER, TRAFFIC & ENGINEERING DESIGN DIVISION
S.A.H. D.A.J. S.R.K. F.H. C. 01/2000 - MODIFICATION DUE TO GEOMETRIC IMPROVEMENTS TIMS NO. 0376 SHA NO.	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
N.M.K. N.J. D.A.J. S.R.K. F.H. B. 10/13/1993 - AS BUILT SHA NO.	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
R.R.J.	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL PLAN NOT ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

US 50 and MD 331
EASTON, MARYLAND

DRAWN BY: B. Thompson	F.A.P. NO.	T.S. NO. TS-538 E	SHEET NO.
CHECKED BY: W. Richardson	S.H.A. NO. TA 4025184		
SCALE: 1" = 20'	COUNTY TALBOT	T.I.M.S. NO. F801	1 OF 1
DATE: 12/01/1976	LOG MILE 20005011.49		