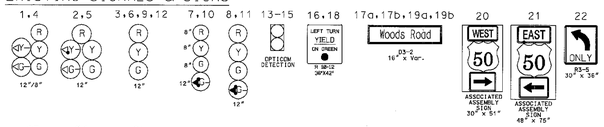
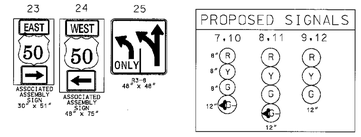
US 50 RUNS IN A EAST-WEST DIRECTION.

EXISTING SIGNALS & SIGNS





CONSTRUCTION DETAILS

A. REMOVE THE EXISTING SIGNAL HEAD.
INSTALL THE PROPOSED SIGNAL HEAD.
B. USE THE EXISTING MAST ARM.

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

ITEM NO.	QUANTITY	DESCRIPTION
8011	16 EACH	F & I 12" VECHICULAR BLACK FACED TRAFFIC SIGNAL HEAD SECTION
8019	6 EACH	F & I 8" VECHICULAR BLACK FACED TRAFFIC SIGNAL HEAD SECTION
8084	120 L.F.	F & I ELECTRICAL CABLE - 5-CONDUCTOR (NO.14 AWG)
8085	1,680 L.F.	F & I ELECTRICAL CABLE - 7-CONDUCTOR (NO. 14 AWG)

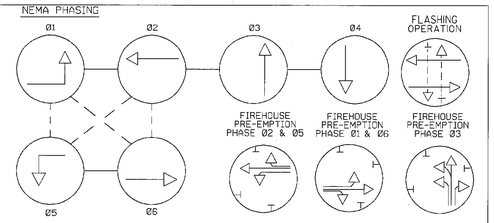
C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

ITEM NO.	QUANTITY	DESCRIPTION

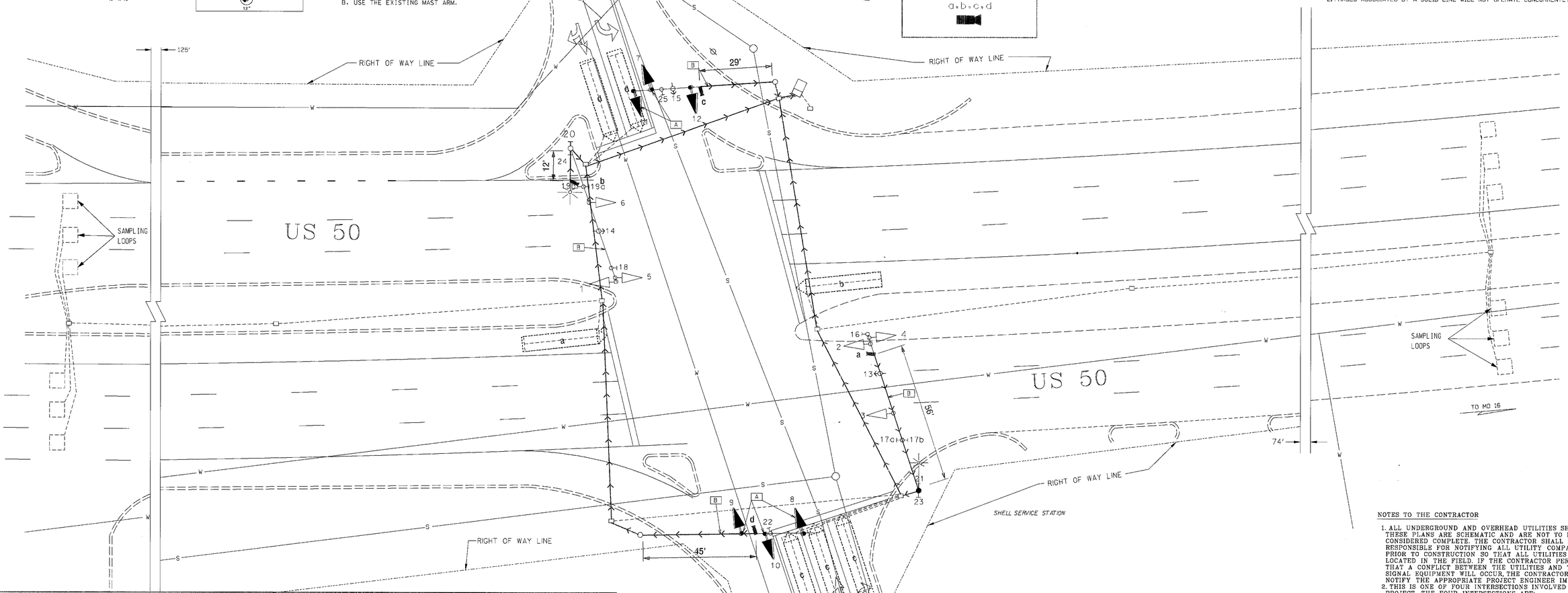
ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

PROPOSED VIDEO DETECTION
a,b,c,d

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.



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. THIS IS ONE OF FOUR INTERSECTIONS INVOLVED IN THIS PROJECT. THE FOUR INTERSECTIONS ARE:
   A. US 50 AND MARYLAND AVENUE
   B. US 50 AND CEDAR STREET/ METEOR AVENUE
   C. US 50 AND CRUSADER ROAD
   D. US 50 AND WOODS ROAD

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

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
8019	VIDEO DETECTION CAMERA	EA	4
8020	CONTROL CABLE, 250 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	3
8021	CONTROL CABLE, 500 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	1

VIDEO CAMERA LEGEND

= VIDEO CABLE (PATH TO CONTROLLER)

UTILITY LEGEND

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

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

SHA#: AT1000851 TOD#: AT308-01

REVISIONS

(L) REPLACE MAINLINE SIGNALS WITH BLACK FACED HEADS AND INSTALL NEARSIDE HEADS ON US 50 TIMS # D767 3/2000
J.J.H. | M.A.R. | D.A.Z. | B.R.K. | J.H.

(K) 05/98 - ADDED FIREHOUSE PRE-EMPTION ON E/B & W/B US 50, & N/B WOODS RD. SHA No. AW-2765185
W.M. | D.A.Z. | D.A.Z. | B.R.K.

(N) 3/ /04 INSTALL VIDEO DETECTION SHA No. AT3065185
SWA

(M) 10/2002 - REPLACED SIDE ROAD SIGNALS WITH BLACK FACED HEADS & ASSOCIATED WIRING
SHA NO. XX1065185
W.M. | M.A.R. | D.A.Z. | B.R.K.

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL PLAN ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

US 50 and WOODS ROAD
CAMBRIDGE, MARYLAND

DRAWN BY:	F.A.P. NO.	T.S. NO. TS-352 (M)	SHEET NO.
CHECKED BY:	S.H.A. NO. D-515-521-170		
SCALE: 1" = 20'	COUNTY DORCHESTER	T.I.M.S. NO.	
DATE:	LOG MILE 0900500L89	F415	4 OF 4

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DATE: 27-Feb-04 13:06