US 50 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

EXISTING SIGNALS

1.2 Y 12"

4.7 R Y G 12"

9.10 12.13 R Y G G 12"

5.8 11.14 R Y G 12"

EXISTING SIGNS

16.17 LEFT TURN YIELD ON GREEN

22.23 ONLY

24 ONLY

15 SIGNAL AHEAD PREPARE TO STOP WHEN FLASHING 5'X12'

20 WEST 50

PROPOSED SIGNALS

3.6 Y R G Y G 12"/8"

PROPOSED OPTICOM EYE

PROPOSED SIGNS

18 EAST 50 24"X51"

19 WEST 50 36"X75"

21 EAST 50 36"X75"

ASSOCIATED SHIELD ASSEMBLIES POLE MOUNTED

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6 Ø3

PRE-EMPT 1

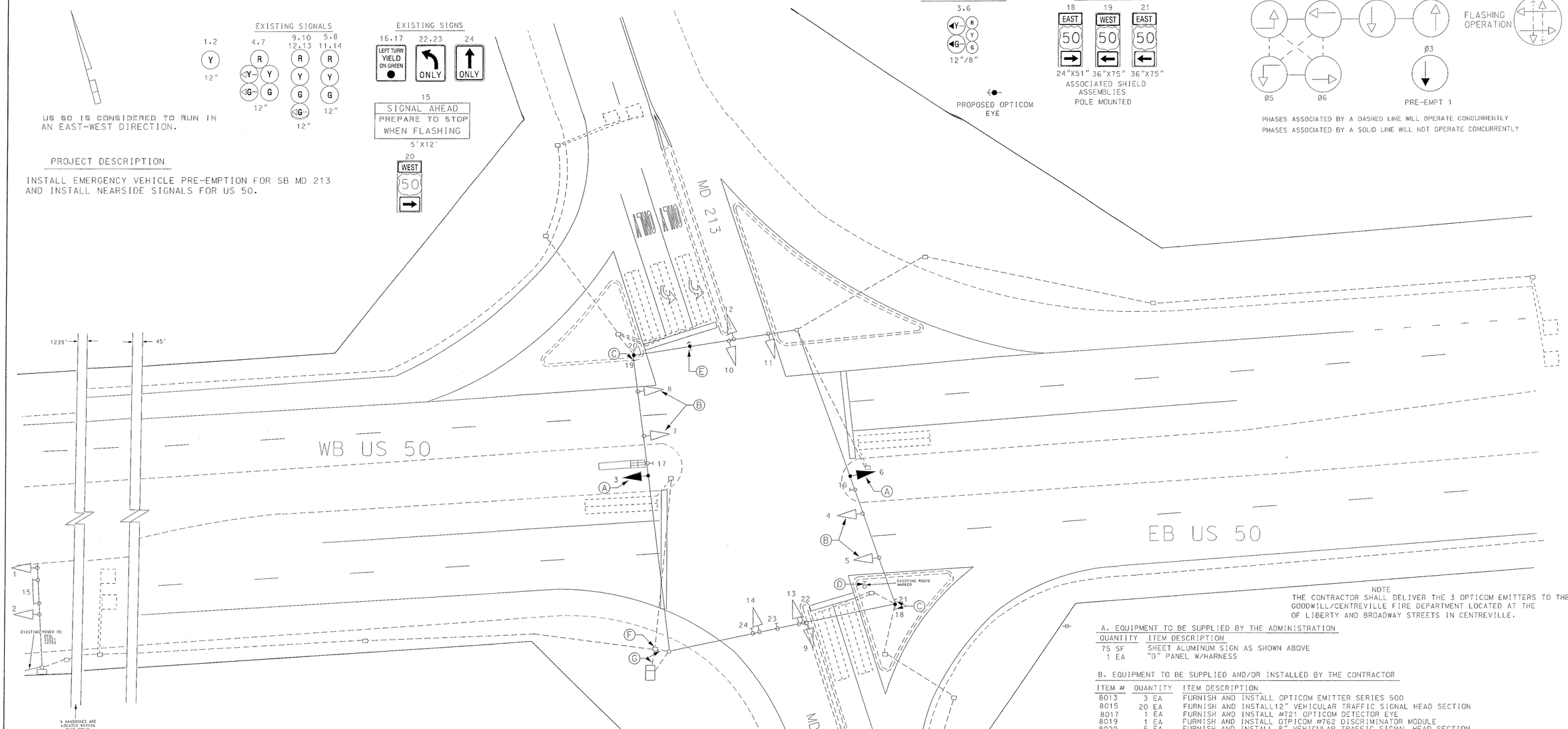
FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

PROJECT DESCRIPTION

INSTALL EMERGENCY VEHICLE PRE-EMPTION FOR SB MD 213 AND INSTALL NEARSIDE SIGNALS FOR US 50.



NOTE

THE CONTRACTOR SHALL DELIVER THE 3 OPTICOM EMITTERS TO THE GOODWILL/CENTREVILLE FIRE DEPARTMENT LOCATED AT THE OF LIBERTY AND BROADWAY STREETS IN CENTREVILLE.

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

QUANTITY	ITEM DESCRIPTION
75 SF	SHEET ALUMINUM SIGN AS SHOWN ABOVE
1 EA	"D" PANEL W/HARNESS

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

ITEM #	QUANTITY	ITEM DESCRIPTION
8013	3 EA	FURNISH AND INSTALL OPTICOM EMITTER SERIES 500
8015	20 EA	FURNISH AND INSTALL12" VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8017	1 EA	FURNISH AND INSTALL #721 OPTICOM DETECTOR EYE
8019	1 EA	FURNISH AND INSTALL OTPICOM #762 DISCRIMINATOR MODULE
8020	6 EA	FURNISH AND INSTALL 8" VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8035	200 LF	FURNISH AND INSTALL 4-CONDUCTOR OPTICOM DETECTOR CABLE
8051	75 SF	INSTALL OVERHEAD SIGN
8063	325 LF	FURNISH AND INSTALL 7-CONDUCTOR NO 14AWG ELECTRICAL CABLE

C. EQUIPMENT TO BE RETURNED TO THE SHA.

ALL SIGNS AND SIGNALS THAT ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR. ALL CONTROLLER CABINET EQUIPMENT WILL BE HANDLED BY THE ADMINISTRATION.

CONSTRUCTION DETAILS

A. INSTALL 12"/8" 5-SECTION BLACK FACED TRAFFIC SIGNAL HEAD

B. REMOVE EXISTING SIGNAL HEAD AND INSTALL NEW BLACK FACED HEAD

C. INSTALL POLE MOUNTED SIGN

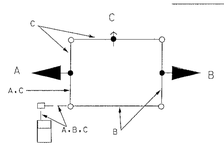
D. REMOVE EXISTING SIGN

E. INSTALL OPTICOM EYE ON EXISTING SPAN WIRE

F. USE EXISTING HANDBOX

G. USE EXISTING CONDUIT

WIRING DIAGRAM



A.B 7-CONDUCTOR NO 14AWG
C 4-CONDUCTOR NO 14AWG

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

REVISIONS	
H	INSTALL OPTICOM PRE-EMPTION FOR SB MD 213, INSTALL NEARSIDE 7/01 SIGNALS FOR US 50 TIMS# E735
CJS	
G 10/92	CHANGED MD 231 TO DBL LEFT AND SINGLE THROUGH OA 564-501-276
WM	
F	AS BUILT 10/92 855-25032175
WM	
E 2/92	ADD HIB FOR EB US 50 855-25032175
WM	

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

US 50 @ MD 213/MD662

DRAWN BY: B. MILESKY	F.A.P. NO.	TS NO. 141 H	SHEET NO.
CHECKED BY:	S.H.A. NO. 2385-H-2502-871	T.I.M.S. NO. N/A	3 OF 3
SCALE: 1:20	COUNTY: QUEEN ANNE'S		
DATE: 5-12-71	LOG MILE: 17005017.44		