US 50 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNALS

EXISTING SIGNS

PROPOSED SIGNS

NEMA PHASING

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

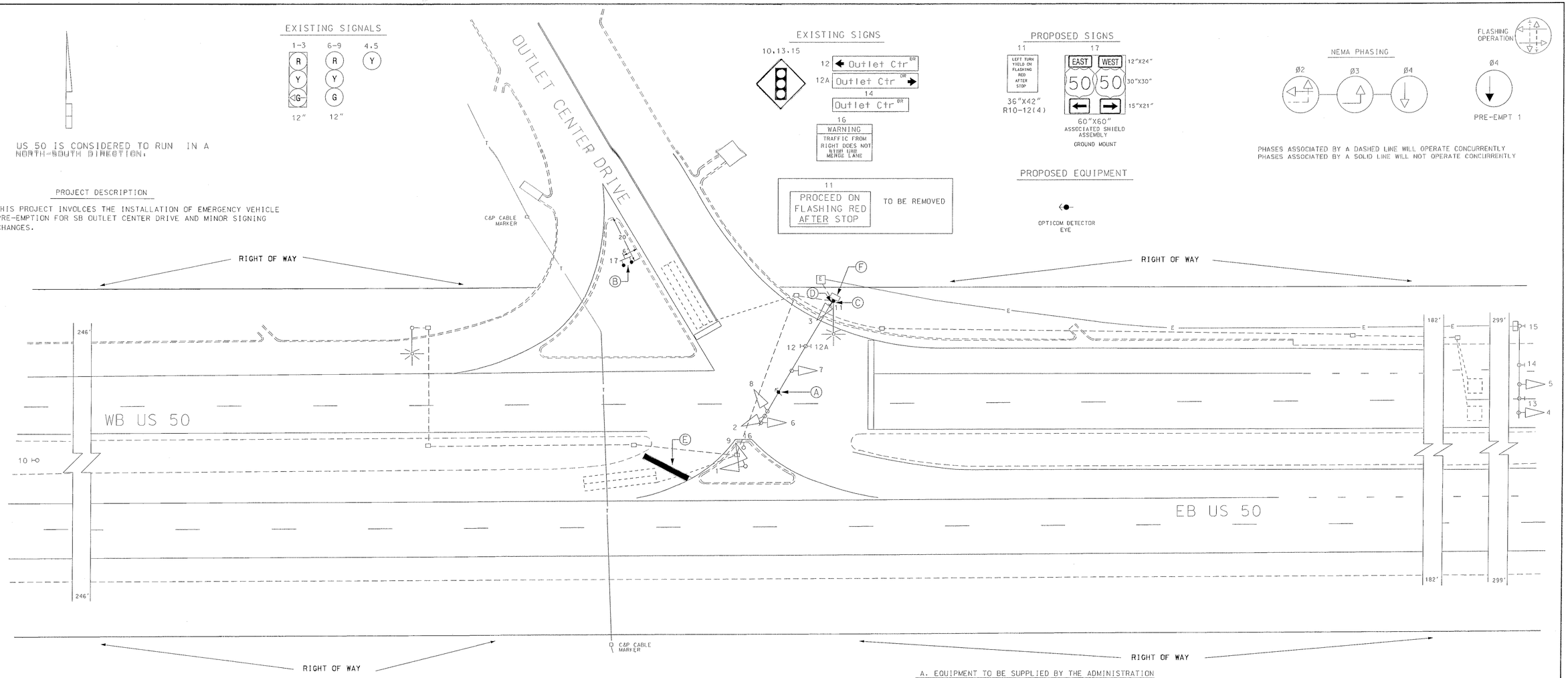
11
PROCEED ON FLASHING RED AFTER STOP — TO BE REMOVED

PROPOSED EQUIPMENT

OPTICOM DETECTOR EYE

PROJECT DESCRIPTION

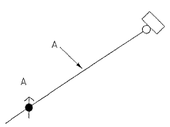
THIS PROJECT INVOLVES THE INSTALLATION OF EMERGENCY VEHICLE PRE-EMPTION FOR SB OUTLET CENTER DRIVE AND MINOR SIGNING CHANGES.



CONSTRUCTION DETAILS

A. INSTALL DETECTOR EYE ON EXISTING MAST ARM
B. INSTALL GROUND MOUNTED SIGNS ON 4X6 WOOD SUPPORTS
C. INSTALL POLE MOUNTED SIGN
D. REMOVE EXISTING SIGN
E. INSTALL 24" WHITE THERMOPLASTIC FOR STOP LINE
F. INSTALL RETROFIT RACK. 4-CHANNEL AMPLIFIERS. "D" PANEL W/ HARNESS. AND DETECTOR POWER SUPPLY IN EXISTING CABINET. (TO BE DONE BY SHA SIGNAL SHOP)

WIRING DIAGRAM



A 4-CONDUCTOR OPTICOM CABLE

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

QUANTITY	ITEM DESCRIPTION
35.5 SF	SHEET ALUMINUM SIGN AS SHOWN ABOVE
1 EA	"D" PANEL W/ HARNESS
1 EA	RETROFIT RACK
1 EA	4-CHANNEL DETECTOR AMPLIFIER
1 EA	DETECTOR RACK POWER SUPPLY

THESE ITEMS TO BE CHARGED TO THE STATEWIDE DETECTOR UPGRADE PROGRAM

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

ITEM #	QUANTITY	ITEM DESCRIPTION
5003	20 LF	24" WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING
8017	1 EA	FURNISH AND INSTALL OPTICOM #721 DETECTOR EYE
8019	1 EA	FURNISH AND INSTALL OPTICOM #762 DISCRIMINATOR MODULE
8035	80 LF	FURNISH AND INSTALL 4-CONDUCTOR OPTICOM DETECTOR CABLE
8050	25 SF	FURNISH AND INSTALL GROUND MOUNTED SIGN
8051	10.5 SF	FURNISH AND INSTALL OVERHEAD SIGN
NEG	30 LF	FURNISH AND INSTALL 4X6 WOOD SUPPORTS

C. EQUIPMENT TO BE RETURNED TO THE ADMINISTRATION

ALL CABINET EQUIPMENT THAT IS REMOVED SHALL BE HANDLED BY THE ADMINISTRATION. ALL OTHER EQUIPMENT THAT IS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

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

B	INSTALL OPTIOM FOR SB OUTLET CTR DR TIMS# E735 7/01 CJS
A	PROVIDE FLASHING RED EB LEFT TURN 8/92
MAR	

APPROVALS

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

ORIGINALS ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 50 @ Outlet Center Drive

DRAWN BY: S. BARANOWSKI	F.A.P. NO.	TS NO. 2521-B	SHEET NO.
CHECKED BY: RAZ/DJD	S.H.A. NO. 23854125D287		
SCALE: 1:20	COUNTY: QUEEN ANNE'S	T.I.M.S. NO. N/A	3 OF 3
DATE: 8-17-88	LOG MILE: 17005012.53		