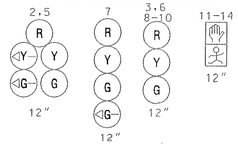
US 50 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

PROJECT DESCRIPTION

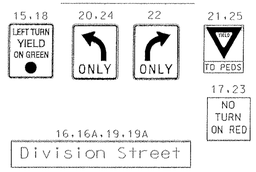
THIS PROJECT INVOLVES THE REPLACEMENT OF THE EXISTING SIGNAL HEADS WITH NEW BLACK FACED HEADS AND THE ADDITION OF NEARSIDE INDICATIONS FOR US 50.

EXISTING SIGNALS

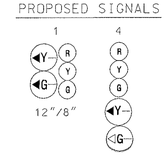


EXISTING OPTICOM EYE

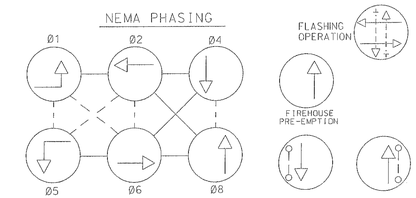
EXISTING SIGNS



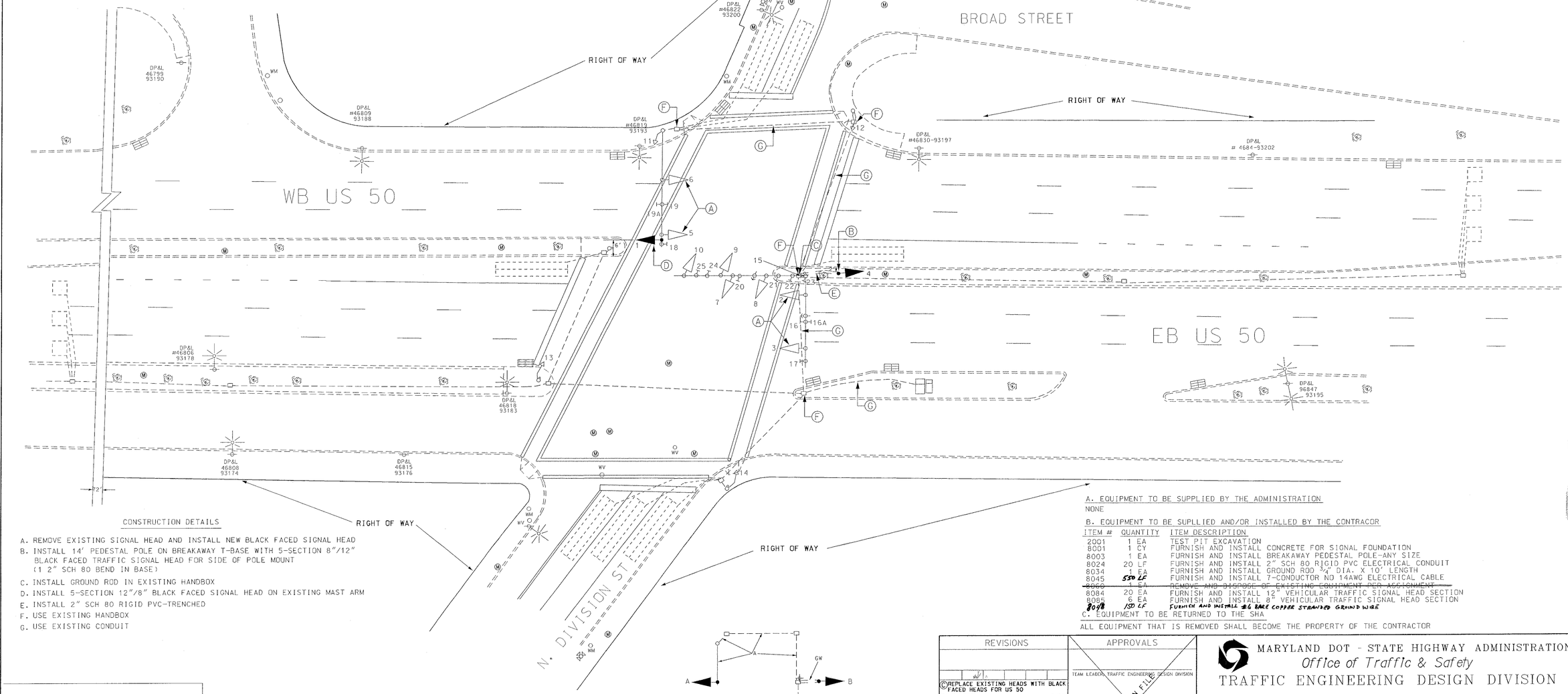
PROPOSED SIGNALS



NEMA PHASING



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



CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGNAL HEAD AND INSTALL NEW BLACK FACED SIGNAL HEAD
B. INSTALL 14' PEDESTAL POLE ON BREAKAWAY T-BASE WITH 5-SECTION 8"/12" BLACK FACED TRAFFIC SIGNAL HEAD FOR SIDE OF POLE MOUNT (1 2" SCH 80 BEND IN BASE)
C. INSTALL GROUND ROD IN EXISTING HANDBOX
D. INSTALL 5-SECTION 12"/8" BLACK FACED SIGNAL HEAD ON EXISTING MAST ARM
E. INSTALL 2" SCH 80 RIGID PVC-TRENCHED
F. USE EXISTING HANDBOX
G. USE EXISTING CONDUIT

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

NONE

B. EQUIPMENT TO BE SUPLLIED AND/OR INSTALLED BY THE CONTRACOR

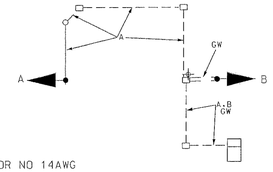
ITEM #	QUANTITY	ITEM DESCRIPTION
2001	1 EA	TEST PIT EXCAVATION
8001	1 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
8003	1 EA	FURNISH AND INSTALL BREAKAWAY PEDESTAL POLE-ANY SIZE
8024	20 LF	FURNISH AND INSTALL 2" SCH 80 RIGID PVC ELECTRICAL CONDUIT
8034	1 EA	FURNISH AND INSTALL GROUND ROD 3/4" DIA. X 10' LENGTH
8045	550 LF	FURNISH AND INSTALL 7-CONDUCTOR NO 14AWG ELECTRICAL CABLE
~~8060~~	~~1 EA~~	~~REMOVE AND DISPOSE OF EXISTING EQUIPMENT PER ASSIGNMENT~~
8084	20 EA	FURNISH AND INSTALL 12" VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8085	6 EA	FURNISH AND INSTALL 8" VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8098	150 LF	FURNISH AND INSTALL #6 BARE COPPER STRANDED GROUND WIRE

C. EQUIPMENT TO BE RETURNED TO THE SHA

ALL EQUIPMENT THAT IS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR

UTILITY LEGEND

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



A.B 7-CONDUCTOR NO 14AWG
GW #6 BARE COPPER STRANDED GROUND WIRE

REVISIONS

C	REPLACE EXISTING HEADS WITH BLACK FACED HEADS FOR US 50 TIMSH ET67 6/01				
CJS					
B	INSTALL 4-SECTION HEAD FOR NB N. DIVISION ST.				
BT					
A	ADD PED BUTTONS IN MEDIANS ADD E/P'S ON US 50 4-10-85				
TMZ	DJD	DAZ	ETP		TH

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 @ N. Division St.

DRAWN BY: S. REYNA	F.A.P. NO.	TS NO. 1984-C	SHEET NO. 6 OF 1
CHECKED BY:	S.H.A. NO. W0758A57/B57A		
SCALE: 1:20	COUNTY: WICOMICO	T.I.M.S. NO. N/A	
DATE: 7/91	LOG MILE: 22005015.71		