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

THIS PROJECT INVOLVES THE INSTALLATION OF AN EB E/P PHASE AS WELL AS THE INSTALLATION OF NEW BLACK FACED SIGNAL HEADS.

EXISTING SIGNALS

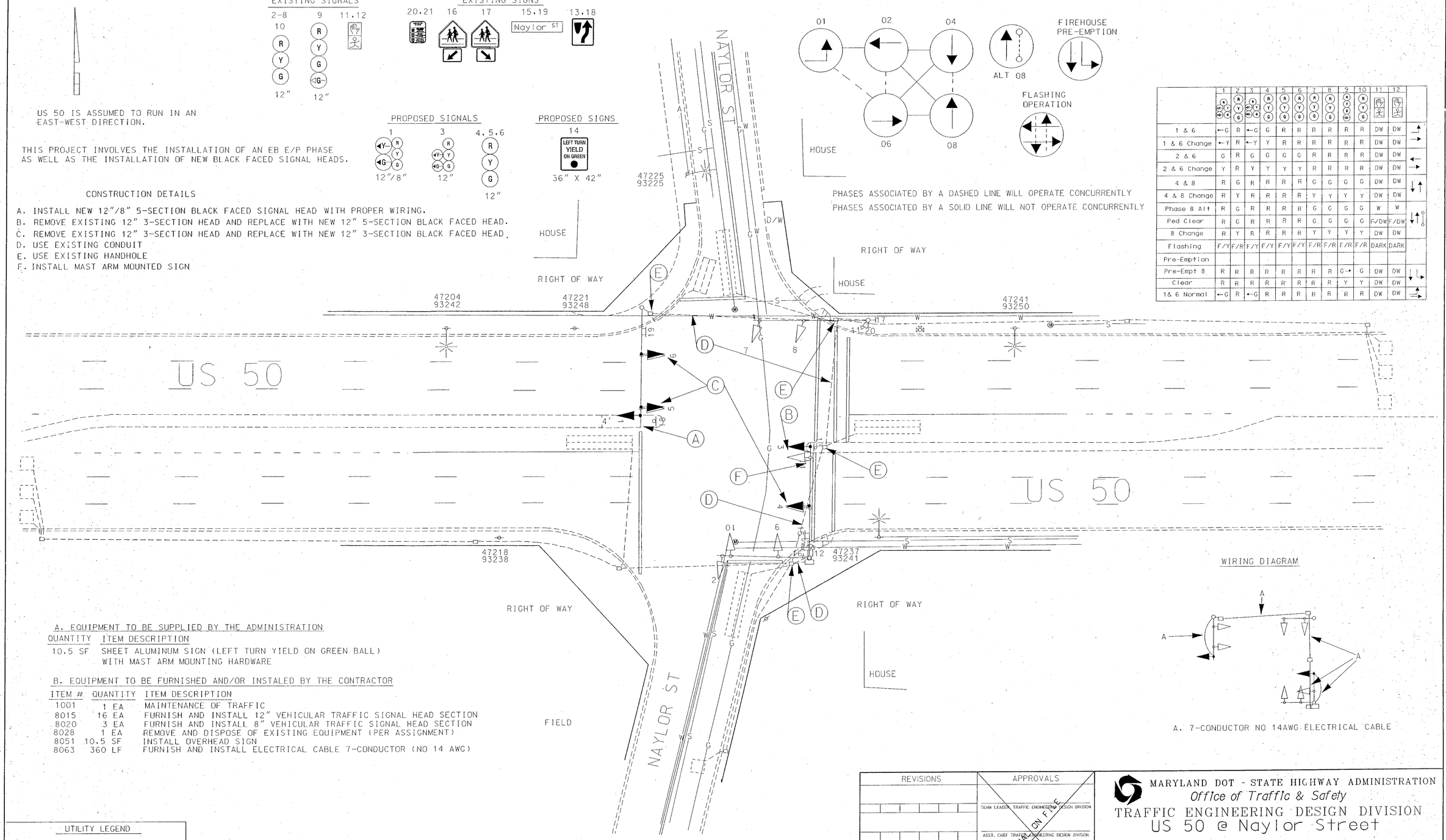
EXISTING SIGNS

PROPOSED SIGNALS

PROPOSED SIGNS

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

	1	2	3	4	5	6	7	8	9	10	11	12	
	A Y G	R Y G	A Y G	R Y G	R Y G	R Y G	R Y G	R Y G	A Y G	R Y G	G	G	
1 & 6	←G	R	←G	G	R	R	R	R	R	R	DW	DW	
1 & 6 Change	←Y	R	←Y	Y	R	R	R	R	R	R	DW	DW	
2 & 6	G	R	G	G	G	G	R	R	R	R	DW	DW	
2 & 6 Change	Y	R	Y	Y	Y	Y	R	R	R	R	DW	DW	
4 & 8	R	G	R	R	R	R	G	G	G	G	DW	DW	
4 & 8 Change	R	Y	R	R	R	R	Y	Y	Y	Y	DW	DW	
Phase 8 Alt	R	G	R	R	R	R	G	G	G	G	W	W	
Ped Clear	R	G	R	R	R	R	G	G	G	G	F/DW	F/DW	
8 Change	R	Y	R	R	R	R	Y	Y	Y	Y	DW	DW	
Flashing	F/Y	F/R	F/Y	F/Y	F/Y	F/Y	F/R	F/R	F/R	F/R	DARK	DARK	
Pre-Emption													
Pre-Empt 8	R	R	R	R	R	R	R	R	G→	G	DW	DW	
Clear	R	R	R	R	R	R	R	R	Y	Y	DW	DW	
1& 6 Normal	←G	R	←G	R	R	R	R	R	R	R	DW	DW	



A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

QUANTITY	ITEM DESCRIPTION
10.5 SF	SHEET ALUMINUM SIGN (LEFT TURN YIELD ON GREEN BALL) WITH MAST ARM MOUNTING HARDWARE

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

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8015	16 EA	FURNISH AND INSTALL 12" VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8020	3 EA	FURNISH AND INSTALL 8" VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8028	1 EA	REMOVE AND DISPOSE OF EXISTING EQUIPMENT (PER ASSIGNMENT)
8051	10.5 SF	INSTALL OVERHEAD SIGN
8063	360 LF	FURNISH AND INSTALL ELECTRICAL CABLE 7-CONDUCTOR (NO 14 AWG)

CONSTRUCTION DETAILS

A. INSTALL NEW 12"/8" 5-SECTION BLACK FACED SIGNAL HEAD WITH PROPER WIRING.
B. REMOVE EXISTING 12" 3-SECTION HEAD AND REPLACE WITH NEW 12" 5-SECTION BLACK FACED HEAD.
C. REMOVE EXISTING 12" 3-SECTION HEAD AND REPLACE WITH NEW 12" 3-SECTION BLACK FACED HEAD.
D. USE EXISTING CONDUIT
E. USE EXISTING HANDHOLE
F. INSTALL MAST ARM MOUNTED SIGN

WIRING DIAGRAM

A. 7-CONDUCTOR NO 14AWG ELECTRICAL CABLE

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

(E) ADD EB E/P

CJS 7/19/00

APPROVALS

ORIGINAL ON FILE

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

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 50 @ Naylor Street
Traffic Signal Plan

DRAWN BY: C. STRAIN	F.A.P. NO. XXX	TS NO. 2085	SHEET NO.
CHECKED BY: M. RUCKER	S.H.A. NO. 23SHT250284		
SCALE: 1:20	COUNTY: WICOMICO	T.I.M.S. NO. E016	1 OF 1
DATE: 7/6/00	LOG MILE: 22005016.51		