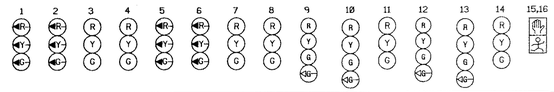
F H WA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.			

PHASE CHART



PHASE 1 & 5	◄G-	◄G-	R	R	◄G-	◄G-	R	R	R	R	R	R	R	R	DW
1 & 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 1 & 6 OR 2 & 5 OR 2 & 6														
PHASE 1 & 6	◄G-	◄G-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R	DW
1 CHANGE	◄Y-	◄Y-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R	DW
PHASE 2 & 5	◄R-	◄R-	R	R	◄G-	◄G-	G	G	R	R	R	R	R	R	DW
5 CHANGE	◄R-	◄R-	R	R	◄Y-	◄Y-	G	G	R	R	R	R	R	R	DW
PHASE 2 & 6	◄R-	◄R-	G	G	◄R-	◄R-	G	G	R	R	R	R	R	R	DW
2 & 6 CHANGE	◄R-	◄R-	Y	Y	◄R-	◄R-	Y	Y	R	R	R	R	R	R	DW
PHASE 3	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	◄G-G	◄G-G	G	DW
3 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	Y	Y	Y	DW
PHASE 4	◄R-	◄R-	R	R	◄R-	◄R-	R	R	◄G-G	◄G-G	G	R	R	R	DW
4 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	R	R	R	DW
4 ALT.	◄R-	◄R-	R	R	◄R-	◄R-	R	R	◄G-G	◄G-G	G	R	R	R	WK
PED. CLEAR	◄R-	◄R-	R	R	◄R-	◄R-	R	R	◄G-G	◄G-G	G	R	R	R	FL/DW
4 ALT. CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	R	R	R	DW
FLASHING OPERATION	FL/RA	FL/RA	FL/Y	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK

A. EQUIPMENT TO BE FURNISHED BY THE ADMINISTRATION

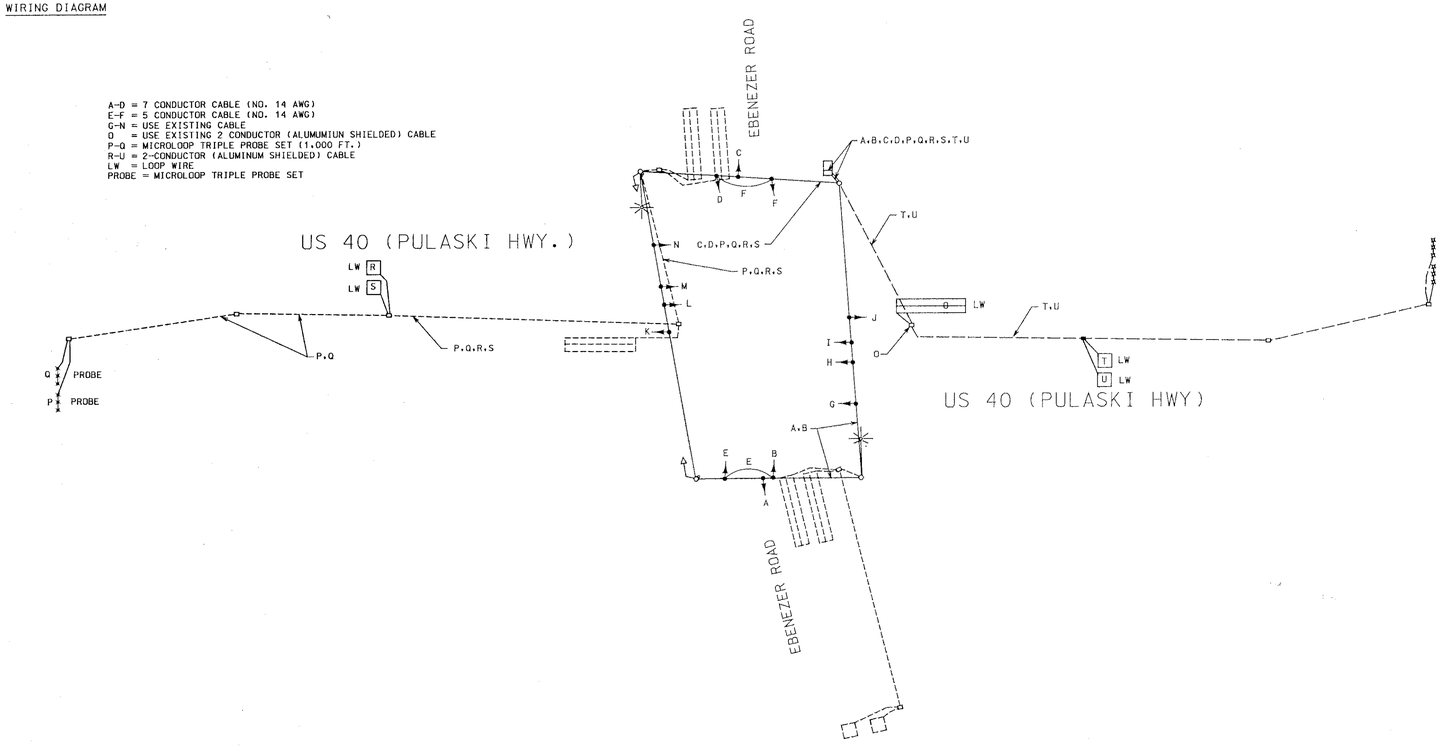
ITEM NO.	QUANTITY	DESCRIPTION
	94.75 S.F.	SHEET ALUMINUM SIGNS
		1 EACH R3-5 (R) SIGN, 30" x 36", SPAN MOUNTED HARDWARE
		2 EACH D3-2 SIGN, "Ebenezer Rd", BACK TO BACK, 16" x VAR., SPAN MOUNTED HARDWARE
		1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "EAST, US 40, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
		1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "EAST, US 40, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE
		1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "WEST, US 40, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
		1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "WEST, US 40, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
5003	240 L.F.	FURNISH AND INSTALL 12" WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
5004	190 L.F.	FURNISH AND INSTALL 24" WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
5007	190 L.F.	REMOVE ANY PAVEMENT MARKINGS - ANY WIDTH
6001	152 S.F.	FURNISH AND INSTALL 4" CONCRETE SIDEWALK
6002	20 L.F.	FURNISH AND INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER 12" PAN, 8" DEPTH
6009	20 L.F.	FURNISH AND INSTALL DEPRESSED CURB AND GUTTER
8017	2 EACH	FURNISH AND INSTALL MICROLOOP TRIPLE PROBE SET (1,000 FT.)
8021	425 L.F.	FURNISH AND INSTALL SAWCUT FOR SIGNAL (LOOP DETECTOR)
8022	100 L.F.	FURNISH AND INSTALL 1" ELECTRICAL CONDUIT - GALVANIZED SLEEVE
8040	1,210 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING
8041	450 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
8044	60 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8045	620 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
8052	71.25 S.F.	INSTALL GROUND MOUNTED SIGN
8053	23.5 S.F.	INSTALL OVERHEAD SIGN
8067	1 EACH	ADJUST SPAN WIRE
8084	40 EACH	FURNISH AND INSTALL 12" POLYCARBONITE BLACK FACED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8085	6 EACH	FURNISH AND INSTALL 8" POLYCARBONITE BLACK FACED VEHICULAR TRAFFIC SIGNAL HEAD SECTION

WIRING DIAGRAM

A-D = 7 CONDUCTOR CABLE (NO. 14 AWG)
E-F = 5 CONDUCTOR CABLE (NO. 14 AWG)
G-N = USE EXISTING CABLE
O = USE EXISTING 2 CONDUCTOR (ALUMUMIUN SHIELDED) CABLE
P-Q = MICROLOOP TRIPLE PROBE SET (1,000 FT.)
R-U = 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE
LW = LOOP WIRE
PROBE = MICROLOOP TRIPLE PROBE SET



BA358A5B/B5B

REVISIONS	APPROVALS
	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 40 & EBENEZER ROAD

WHITE MARSH, MARYLAND

DATE: 02-2000

DRAWN BY W. Makolen	F.A.P. NO.	TS NO. TS-605 D	SHEET NO.
DES. BY: W. Makolen	S.H.A. NO. B-284-485	I.I.M.S. NO. D648	1 OF 1
CHK. BY:	COUNTY: BALTIMORE		
SCALE: NONE	LOG MILE: 03004011.46		

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