PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF PEDESTRIAN SIGNALS WITH PUSHBUTTONS FOR THE WESTSIDE OF U.S. 40.

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
	2 EACH	12" ONE WAY, TWO SECTION SYMBOLIC PEDESTRIAN SIGNAL, POLE MOUNTED HARDWARE
	3 EACH	PUSH BUTTON AND R10-3C SIGN, "PUSHBUTTON TO CROSS BALTIMORE NATIONAL PIKE", POLE MOUNTED HARDWARE

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

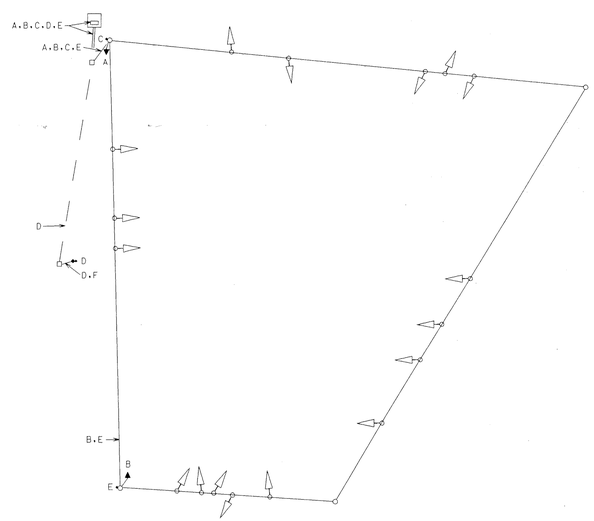
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2001	1 C.Y.	TEST PIT EXCAVATION
8001	.5 C.Y.	F & I CONCRETE FOR SIGNAL FOUNDATION
8003	1 EACH	F & I 8' BREAKAWAY PEDESTAL POLE AND BASE
8006	1 EACH	CUT, CLEAN, GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE
8011	2 EACH	INSTALL SIGNAL HEAD (ANY TYPE)
8016	3 EACH	INSTALL PUSHBUTTON AND SIGN
8037	1 EACH	F & I GROUND ROD - 3/4" x 10' LENGTH
8045	500 L.F.	F & I ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)
8046	500 L.F.	F & I ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 AWG)
8052	10 L.F.	F & I NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8070	20 L.F.	F & I 2" ELECTRICAL CONDUIT PVC SCHEDULE 80 - TRENCHED

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19,20
PHASE 1 & 5	◀G-	◀G-	R	R	◀G-	◀G-	R	R	R	R	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	R	R	R	R	DW
1 CHANGE	◀Y-	◀Y-	G	G	◀R-	◀R-	R	R	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	R	R	R	R	DW
5 CHANGE	◀R-	◀R-	R	R	◀Y-	◀Y-	G	G	R	R	R	R	R	R	R	R	R	R	DW
PHASE 2 & 6	◀R-	◀R-	G	G	◀R-	◀R-	G	G	R	R	R	R	R	R	R	R	R	R	DW
2 & 6 CHANGE	◀R-	◀R-	Y	Y	◀R-	◀R-	Y	Y	R	R	R	R	R	R	R	R	R	R	DW
PHASE 3	◀R-	◀R-	R	R	◀R-	◀R-	R	R	G	R	G	G	G	R	R	G	R	G	DW
3 CHANGE	◀R-	◀R-	R	R	◀R-	◀R-	R	R	Y	R	Y	Y	Y	R	R	Y	R	Y	DW
PHASE 4	◀R-	◀R-	R	R	◀R-	◀R-	R	R	R	R	R	R	R	G ◀G-	G ◀G-	R	G	R	DW
4 CHANGE	◀R-	◀R-	R	R	◀R-	◀R-	R	R	R	R	R	R	R	Y	Y	R	Y	R	DW
8 Alt.	◀R-	◀R-	R	R	◀R-	◀R-	R	R	R	R	R	R	R	G ◀G-	G ◀G-	R	G	R	WK
Ped. Clear	◀R-	◀R-	R	R	◀R-	◀R-	R	R	R	R	R	R	R	G ◀G-	G ◀G-	R	G	R	FL/DW
8 Alt. Change	◀R-	◀R-	R	R	◀R-	◀R-	R	R	R	R	R	R	R	Y	Y	R	Y	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	FL/R	FL/R	FL/R	FL/R	DARK

WIRING DIAGRAM

A-B = 3 CONDUCTOR CABLE (NO. 14 AWG)
C-E = 2 CONDUCTOR CABLE (NO. 14 AWG)
F = NO. 6 AWG STRANDED BARE COPPER GROUND WIRE



REVISIONS	APPROVALS
	ASST. DIVISION CHIEF, TEDD — ORIGINAL
	ASST. DISTRICT ENGINEER, TRAFFIC — ON
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — FILE
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

U.S. 40 and WINTERS LANE/ ENTRANCE TO HOME DEPOT

SIGNAL NO. 03004002.16 — DATE MARCH 22, 1973

DRAWN BY: J. GORDON	F.A.P. NO. T-8007(20)	PLAN SHEET NO.	SHEET NO.
DES. BY: W. RICHARDSON	S.H.A. NO. B-286-485		
CHECK BY:	COUNTY BALTIMORE	TS-883 D	1 OF 1
SCALE: 1" = 20'			

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