PROJECT DESCRIPTION

1. General

This portion of the project involves installing a pedestrian pole and replacing the pedestrian signal heads, push buttons and signs in the southwest corner of the US 40 ALT and MD36/Water Street intersection in Allegany County Also involved in this task is to install new conduit under the roadway to each corner of the intersection.

CONTACT LIST

The contact persons for District #6 are as follows

Mr. Fred Crozier
Distric Engineer
301-729-8486

Mr. George Small
Assistant District Engineer - Traffic
301-729-8444

Mr. Larry Humbertson
Assistant District Engineer - Utilities
301-729-8439

Mr. Geoge C. Frankenbury
Assistant Distric Engineer - Maintenance
301-729-8457

Mr. James Zufall
Assistant District Engineer - Construction
301-729-8411

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS.
410-787-7630

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
410-787-7650

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
410-787-7676

MR. DAVE SCHWARTZ
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)
410-787-7668

EQUIPMENT LIST

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

CATEGORY CODE NO.	~~ITEM NO.~~	QUANTITY	DESCRIPTION
120500	~~1001~~	LS	MAINTENANCE OF TRAFFIC
203030	~~2001~~	2 CY	TEST PIT EXCAVATION
803003	~~3001~~	1 EA	FURNISH AND INSTALL 10 FOOT BREAKAWAY PEDESTAL
811001	~~3002~~	1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
805180	~~3003~~	175 LF	FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
861105	~~3004~~	350 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)
861107	~~3005~~	350 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
837001	~~3006~~	1 EA	FURNISH AND INSTALL GROUND ROD -3/4 INCH DIAMETER X 10 FOOT DEPTH
860272	~~3007~~	4 EA	FURNISH AND INSTALL 12 INCH PEDESTRIAN SIGNAL HEAD SECTION
865201	~~3008~~	1 EA	FURNISH AND INSTALL PUSH BUTTON AND SIGN
832020	~~3009~~	10 LF	FURNISH AND INSTALL STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)
801004		1 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
800000		1 LS	REMOVAL AND DISPOSAL OF EXISTING EQUIPMENT PER ASSIGNMENT

US40 ALT. AND MD 36

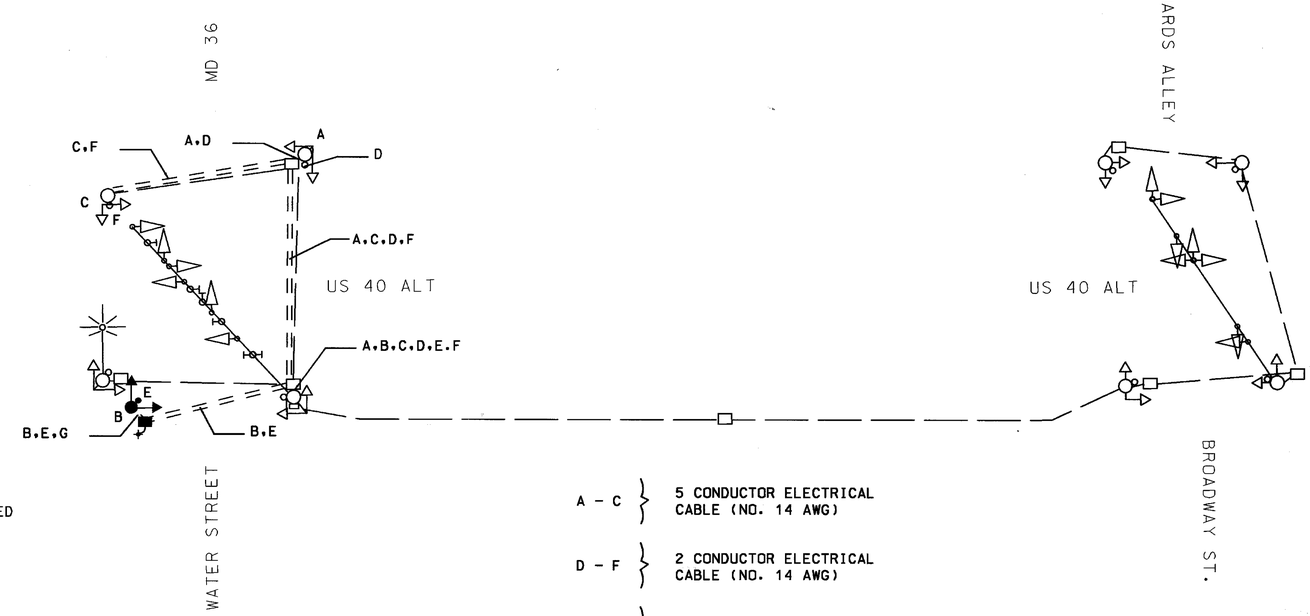
Phase Chart

	1	2	3	4	5	6	12-19
Phase 2 & 5	R	R	G G	G	R	R	DW
5 Change	R	R	Y G	G	R	R	DW
Phase 6	G	G	G	G	R	R	DW
2 & 6 Change	Y	Y	Y	Y	R	R	DW
Phase 4	R	R	R	R	G	G	DW
4 Change	R	R	R	R	Y	Y	DW
Phase 3	R	R	R	R	R	R	WK
Ped. Clear	R	R	R	R	R	R	FL/DW
3 Change	R	R	R	R	R	R	DW
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	DARK

US 40 ALT. AND BROADWAY STREET

Phase Chart

	1	2	3	4	5	6	7	8	9-16
Phase 2 & 6	G	G	G	G	R	R	R	R	DW
2 & 6 Change	Y	Y	Y	Y	R	R	R	R	DW
Phase 4 & 8	R	R	R	R	G	G	G	G	DW
4 & 8 Change	R	R	R	R	Y	Y	Y	Y	DW
Phase 3	R	R	R	R	R	R	R	R	WK
Ped. Clear	R	R	R	R	R	R	R	R	FL/DW
3 Change	R	R	R	R	R	R	R	R	DW
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK



A - C } 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

D - F } 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

G } STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)

GROUNG ROD

TOWN OF FROSTBURG

[1] REDLINE #1 02/20/01

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

APPROVALS
ASST. TRAFFIC ENGINEERING DESIGN DIVISION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION
US 40 ALT. & MD 36 & BROADWAY ST.

DRAWN BY: P. KUEHN	F.A.P. NO. SEE TITLE SHEET	TS NO. 1255-(F)	SHEET NO. 42 OF 78
CHECKED BY: T. GORDON	S.H.A. NO. A-656-503-685		
SCALE: NONE	COUNTY: ALLEGANY	T.I.M.S. NO. D697	
DATE: 7/80	LOG MILE: 01004001.48		

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