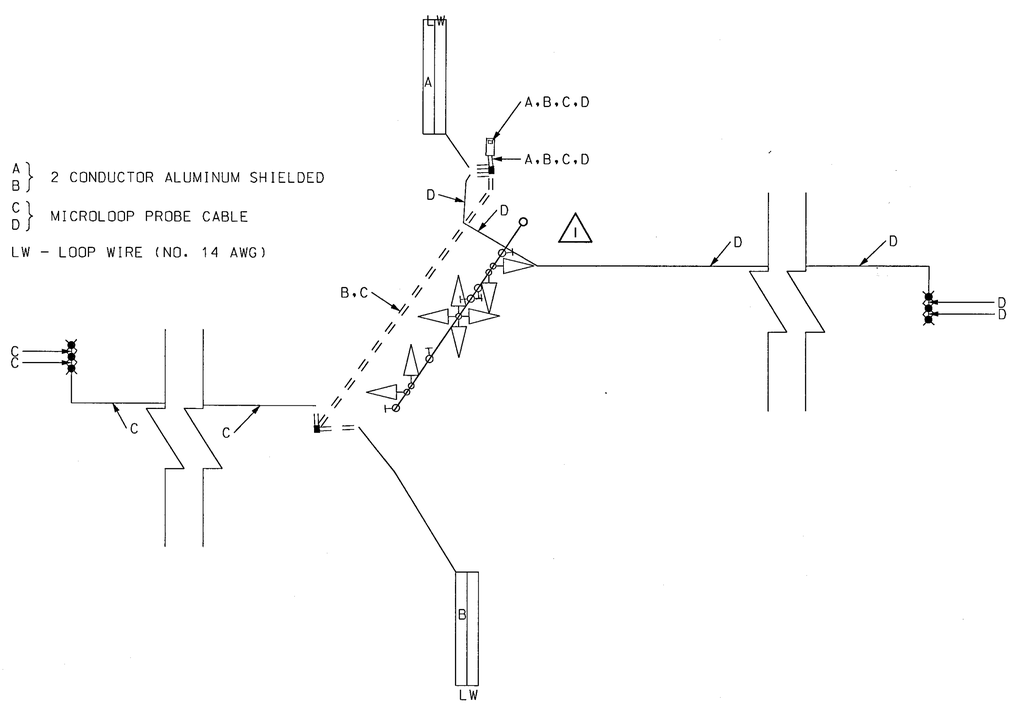
PROJECT DESCRIPTION

US 40 ALTERNATE AND MD 34 / ST. PAUL STREET

THIS PROJECT INVOLVES REPLACING THE LOOP DETECTORS ON MD 34 AND ST. PAUL STREET. THE BACK LOOPS ON US 40 ALTERNATE SHALL BE REPLACED WITH MICROLOOP PROBES. NEW HANDHOLES AND CONDUUIT WILL ALSO BE INSTALLED. THE OPERATION OF THE INTERSECTION SHALL REMAIN AS EXISTING.

WIRING DIAGRAM: US 40 ALT. AND MD 34



EQUIPMENT LIST "A"

EQUIPMENT TO BE FURNISHED BY SHA

CATEGORY CODE	DESCRIPTION	UNIT	QUANTITY

EQUIPMENT LIST "B"

EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

CATEGORY CODE	DESCRIPTION	UNIT	QUANTITY	
800000	FURNISH AND INSTALL MICROLOOP TRIPLE PROBE SET WITH LEAD-INS AND 500 LF OF LEAD-IN CABLE	EA	2	
800000	FURNISH AND INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCH	LF	20	1
805155	FURNISH AND INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED	LF	100	1
805011	FURNISH AND INSTALL 1" ELECTRICAL CONDUIT GALVANIZED SLEEVE	LF	15	
805160	FURNISH AND INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE	LF	18	
811001	FURNISH AND INSTALL ELECTRIC HANDHOLES	EA	2	1
861104	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)	LF	100	
862101	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)	LF	900	
862102	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)	LF	750	

1 ADDENDUM #1, MARCH 2, 2000

GP-5 OF GP-5

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNAL PLAN
US 40 ALT AND MD 34
US 40 ALTERNATE: BOONSBORO

PB 100 YEARS

DRAWN BY: DMG	F.A.P. NO.	SEE TITLE SHEET	TS NO.	SHEET NO.
CHECKED BY: GSJ	S.H.A. NO.	WA9605184	TS-553D	81 OF 126
SCALE: 1"=20'	COUNTY:	WASHINGTON	T.I.M.S. NO.	
DATE: JANUARY 2000	LOG MILE:	21A0401O.21	DI36	

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