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

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT IS A MODIFICATION TO THE EXISTING TRAFFIC SIGNAL AT MD 133 & GREENSPRING AVENUE, BALTIMORE COUNTY.

MD 133 RUNS IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THIS REVISION INVOLVES INSTALLING FULLY-ACTUATED LOOPS ON THE MAINLINE OF GREENSPRING AVENUE. A LOOP DETECTOR WILL ALSO BE PLACED ON RAMP FROM E/B I-695 (INNERLOOP) TO CALL/EXTEND LEFT-TURN. PHASE S/B GREENSPRING AVE. AT MD 133 (OLD COURT ROAD).

EXISTING PHASING AND SERVICE WILL NOT BE AFFECTED AND WILL BE UTILIZED.

III. CONSTRUCTION NOTES

1. THE SIGNAL SHOP FORCES TO CHANGE GREENSPRING MAX. FROM 45 TO 70 IN THE PM PEAK.

EQUIPMENT LIST

A. Equipment to be installed by SHA.

ITEM NO.	QUANTITY	DESCRIPTION
* 9009	1 EACH	4-CHANNEL AMPLIFIER

* TO BE INSTALLED BY THE SHA SIGNAL SHOP.

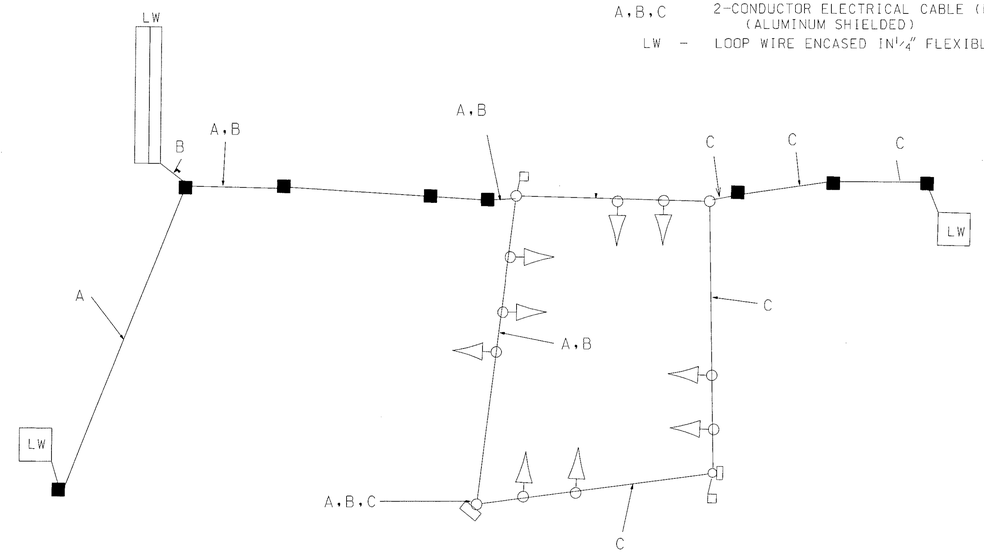
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
5005	120 L.F.	24" WHITE PERFORMED PAVEMENT MARKING TAPE
5006	1 EACH	PERMANENT PREFORMED PAVEMENT MARKING TAPE - LETTER
5007	1 EACH	PERMANENT PREFORMED PAVEMENT MARKING TAPE - ARROW
5008	80 L.F.	REMOVE EXISTING PAVEMENT MARKINGS - ANY WIDTH
5009	3 EACH	REMOVE EXISTING PAVEMENT MARKING LETTER OR ARROW
8022	200 L.F.	F/I SAWCUT FOR SIGNAL (LOOP DETECTOR)
8023	25 L.F.	F/I 1" GALVANIZED ELECTRICAL CONDUIT - SLEEVE
8024	15 L.F.	F/I LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8025	460 L.F.	F/I 2" ELECTRICAL CONDUIT - PVC - SCHEDULE 40 - TRENCHED
8026	110 L.F.	F/I 2" ELECTRICAL CONDUIT - PVC - SCHEDULE 80 - SLOTTED
8027	210 L.F.	F/I 2" ELECTRICAL CONDUIT - PVC - SCHEDULE 80 - BORED
8035	8 each	F/I ELECTRICAL HANDHOLE
8043	740 L.F.	F/I LOOP WIRE ENCASED IN FLEXIBLE TUBING - NO. 14 AWG
8044	1600 L.F.	F/I ELECTRICAL CABLE - 2-CONDUCTOR (ALUMINUM SHIELDED)

WIRING DIAGRAM

A,B,C 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) (ALUMINUM SHIELDED)

LW - LOOP WIRE ENCASED IN 1/4" FLEXIBLE TUBING



EXISTING PHASING TO BE UTILIZED.

REVISIONS	APPROVALS
D ADD MAINLINE LOOPS ON GREENSPRING AVE. SHA NO.: 23855T25004004 12-5-95 MEL	ORIGINAL
C AS-BUILT EP TO NEW LOOPS ON OLD COURT RD. 1-3-94	ASST. DIVISION CHIEF, TEDD NOTED
B REVISE SIGNAL FROM FLASH TO TWO-PHASE 5-23-80	ASST. DISTRICT ENGINEER, TRAFFIC ON
E.L.F.	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION PLAN
A CHANGED OPERATION TO ALTERNATE FLASH 7-15-66	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GREENSPRING AVENUE &
MD 133 (OLD COURT ROAD)

LOG MILE NO. 03013301.98 DATE 7/15/66

DRAWN BY: T. WHITE	F.A.P. NO.		PLAN SHEET NO.: TS-3580D	SHEET NO. 2 OF 2
CHECK BY:	S.H.A. NO.			
SCALE:	COUNTY	BALTIMORE		

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