

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

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 5 AND MD 925 IN CHARLES COUNTY. MD 5 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

THIS WORK IS NECESSITATED BY THE WIDENING OF THE WEST LEG OF THE INTERSECTION AND WILL CONSIST OF THE INSTALLATION OF DETECTION, CONDUIT, WIRING AND A HANDHOLE.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS

THE EXISTING POLE MOUNTED, EIGHT-PHASE CONTROLLER WILL BE USED.

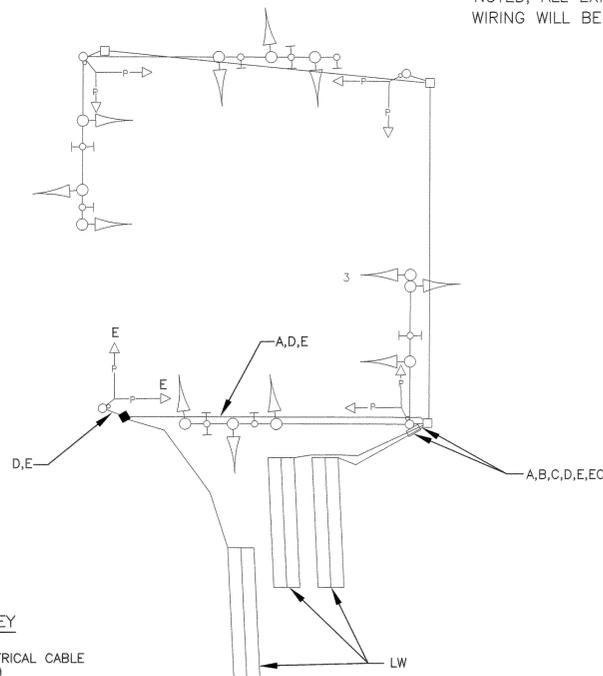
EQUIPMENT LIST

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
5009	110 L.F.	12 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS
5010	40 L.F.	24 IN. WHITE THERMOPLASTIC PAVEMENT MARKINGS
8021	370 L.F.	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
8023	40 L.F.	FURNISH AND INSTALL 1 IN. LIQUID-TIGHT NON-METALLIC CONDUIT (DETECTOR SLEEVE)
8025	80 L.F.	FURNISH AND INSTALL 2 IN. SCHEDULE 80, RIGID PVC CONDUIT (SLOTTED)
8033	1 EACH	FURNISH AND INSTALL HANDHOLE
8040	1410 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN 1/4 IN. FLEXIBLE TUBING
8041	130 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2-CONDUCTOR (ALUMINUM SHIELDED)
8042	120 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2-CONDUCTOR (NO. 14 A.W.G.)
8044	120 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 5-CONDUCTOR (NO. 14 A.W.G.)
---	1 EACH	REMOVE EXISTING SIGN
---	1 EACH	FURNISH AND INSTALL R3-5R SIGN (30"X36") - MAST ARM MOUNT
---	1 EACH	RELOCATE EXISTING SIGN

WIRING DIAGRAM

NOTE: UNLESS OTHERWISE NOTED, ALL EXISTING WIRING WILL BE USED.



WIRING KEY

- A } 2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED)
- B } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- C } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- D } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- E } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- LW } LOOP WIRE
- EC } EXISTING CABLE

NOTE: ITEM NUMBERS CORRESPOND TO MSHA AREAWIDE CONTRACT

TRAFFIC CONCEPTS, INC.

Brightview Business Center
8258 Veterans Highway
Suite 19B
Millersville, MD 21108
(410) 987-0427

REVISIONS	APPROVALS
	ASSISTANT DIVISION CHIEF
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENG. DESIGN DIV.
	DIR., OFFICE OF TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
MD 5 AND MD 925

DATE: 6-10-99	DRAWN BY: T. ZAYDEL	F.A.P. NO.	PLAN SHEET NO.:	SHEET NO.
SCALE: NONE	DESIGNED BY: T. ZAYDEL	S.H.A. NO.	433E GI	2 OF 2
APPROVED BY:	CHECKED BY: K. SCHMID	COUNTY: CHARLES		