

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

PROJECT DESCRIPTION

- I. GENERAL
THIS PROJECT INVOLVES THE INSTALLATION OF AN INTERSECTION CONTROL BEACON AT THE INTERSECTION OF MD 313 AND MD 314 IN CAROLINE COUNTY. MD 313 RUNS IN A NORTH-SOUTH DIRECTION.
- II. INTERSECTION OPERATION
- MD 313 SIGNAL HEADS SHALL FLASH YELLOW AND MD 314 SIGNAL HEADS SHALL FLASH RED.
 - AN INTERSECTION MONITOR WITH BATTERY BACK-UP FOR PHONE DROP AND ASSOCIATED HARNESS HOUSED IN A NEMA SIZE '5' POLE-MOUNTED CABINET SHALL BE INSTALLED AT THIS INTERSECTION.
- III. SPECIAL NOTE
UPON COMPLETION OF THIS PROJECT THE CONTRACTOR SHALL NOTIFY MR. ROBERT SNYDER AT (410) 787-7630 TO ARRANGE FOR THE PHONE LINE INSTALLATION. THE CONTRACTOR IS TO PROVIDE MR. ROBERT SNYDER WITH THE NEAREST STREET ADDRESS, ZIP CODE AND PHONE NUMBER.

EQUIPMENT LISTS

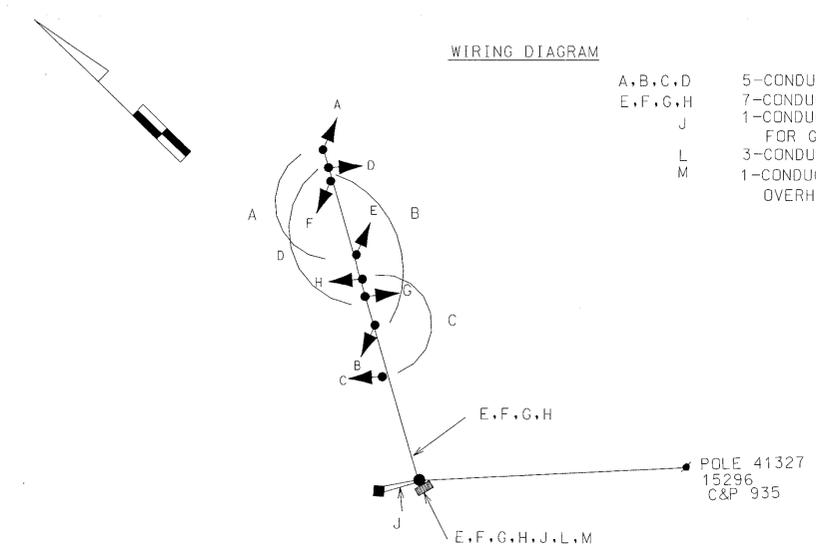
A. EQUIPMENT TO BE FURNISHED BY S.H.A.

ITEM NO.	QUANTITY	DESCRIPTION
9000	4 each	12" ONE-WAY, ONE-SECTION (Y) SIGNAL HEAD - MAST ARM MOUNTED.
9000	4 each	12" ONE-WAY, ONE-SECTION (R) SIGNAL HEAD - MAST ARM MOUNTED
9000	1 each	NEMA SIZE '5' POLE-MOUNT CABINET, ASC CONTROLLER, INTERSECTION CONTROL MONITOR AND DIMMER SWITCH.

B. EQUIPMENT TO BE FURNISH AND INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2001	1 C.Y.	TEST PIT EXCAVATION
6001	12 S.F.	F/I 4" CONCRETE SIDEWALK
8001	3 C.Y.	F/I CONCRETE FOUNDATION
8006	1 EACH	CUT, CLEAN, GALVANIZED AND CAP TRAFFIC SIGNAL STRUCTURE
8011	8 EACH	INSTALL SIGNAL HEAD (ANY TYPE)
8019	1 EACH	INSTALL CONTROLLER AND SIZE '5' CABINET - POLE MOUNT
8028	30 L.F.	F/I 3" PVC ELECTRICAL CONDUIT (SCHEDULE 40) - TRENCHED
8035	1 EACH	F/I ELECTRICAL HANDHOLE
8036	1 EACH	CONTROL AND DISTRIBUTION OF EQUIPMENT
8037	1 EACH	F/I GROUND ROD
8046	20 L.F.	F/I ELECTRICAL CABLE, 3-CONDUCTOR (NO. 14 AWG)
8047	80 L.F.	F/I ELECTRICAL CABLE, 5-CONDUCTOR (NO. 14 AWG)
8048	420 L.F.	F/I ELECTRICAL CABLE, 7-CONDUCTOR (NO. 14 AWG)
8053	90 L.F.	F/I ELECTRICAL CABLE, 1-CONDUCTOR (NO. 4 AWG)
8052	15 L.F.	F/I ELECTRICAL CABLE, 1-CONDUCTOR (NO. 6 AWG) GROUND WIRE
8067	1 EACH	USE EXISTING PLAN ON DISK AND AS-BUILT TRAFFIC CONTROL DEVICE
8085	1 EACH	F/I PHOTO-CELL
8100	1 EACH	F/I 21' MAST ARM POLE WITH 70' MAST ARM (CUT TO 62')

WIRING DIAGRAM



- A,B,C,D 5-CONDUCTOR ELECTRICAL CABLE (NO 14 AWG)
- E,F,G,H 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
- J 1-CONDUCTOR ELECTRICAL CABLE (NO. 6 AWG) FOR GROUNDING
- L 3-CONDUCTOR ELECTRICAL CABLE (NO. 4 AWG)
- M 1-CONDUCTOR ELECTRICAL CABLE (NO. 4 AWG) OVERHEAD SERVICE BY DP&L

UTILITIES

THE FOLLOWING CONTACT PERSONS FOR DISTRICT #2 ARE AS FOLLOWS:

MR. RICHARD LINDSAY
DISTRICT ENGINEER
PHONE (410) 778-3061

MR. ROBERT KIEL
ASST. DISTRICT ENGINEER-TRAFFIC
PHONE (410) 778-3061

MR. DENNIS NORTH
ASST. DISTRICT ENGINEER - UTILITY
PHONE (410) 778-3061

MR. JOSEPH MILLER
ASST. DISTRICT ENGINEER - CONSTRUCTION
PHONE (410) 778-3061

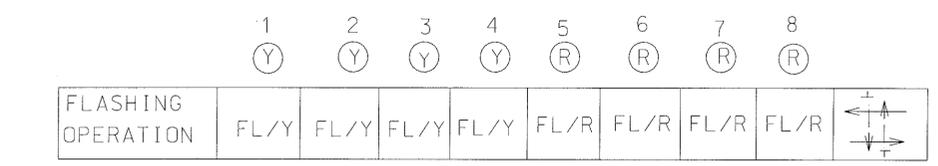
MR. MICHAEL LEWIS
ASST. DISTRICT ENGINEER - MAINTENANCE
PHONE (410) 778-3061

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE (410) 787-7630

THE POWER COMPANY REPRESENTATIVE IS:

DELMARVA POWER AND LIGHT COMPANY
MR. RANDY COLEMAN
412 N. COMMERCE STREET
P.O. BOX 1
CENTERVILLE, MARYLAND 21617

PHASE CHART



REVISIONS	APPROVALS	MARYLAND DOT - STATE HIGHWAY ADMINISTRATION <i>Office of Traffic & Safety</i> TRAFFIC ENGINEERING DESIGN DIVISION MD 313 at MD 314 DATE 1 / 2 / 96			
	ASST. DIVISION CHIEF, TEDD				
	ASST. DISTRICT ENGINEER, TRAFFIC				
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION				
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY	DRAWN BY: MEL COOK	F.A.P. NO. STP-3320005-491	PLAN SHEET NO.:	SHEET NO.
		CHECK BY:	S.H.A. NO. AW101A56 AW101B56	TS-3593 G1	2 OF 2
		SCALE: 1" = 20'	COUNTY CAROLINE		