

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A POLE TOP EXTENTION AND A LIGHTING BRACKET ARM WITH LUMINAIRE AT THE INTERSECTION OF MD 177 (MOUNTAIN ROAD) AND CATHERINE AVENUE IN ANNE ARUNDEL COUNTY.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A FULLY ACTUATED MODE USING 6 NEMA PHASES.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MRS. KIMBERLY TRAN, ASSISTANT DISTRICT ENGINEER - TRAFFIC
 PHONE: (410) 841-1019
 MR. MARK COBLENTZ, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
 PHONE: (410) 841-1031
 MR. CHUCK E. GEORGE, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
 PHONE: (410) 841-1013
 MR. JOHN S. MAYS, UTILITY ENGINEER
 PHONE: (410) 841-1039
 MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
 PHONE: (410) 787-7630

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR FOLLOWING MSHA STANDARD PLATES FOR TRAFFIC CONTROL.

EQUIPMENT LIST

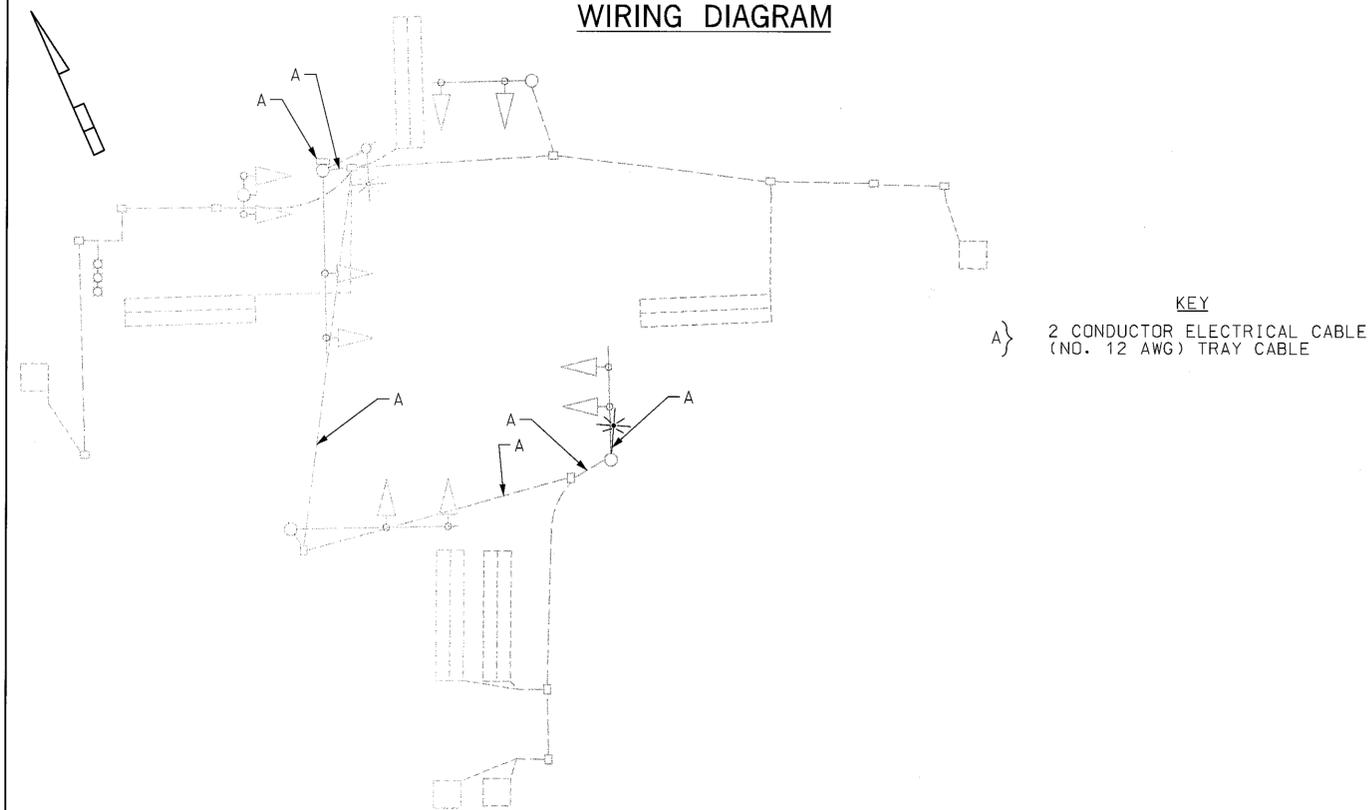
A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

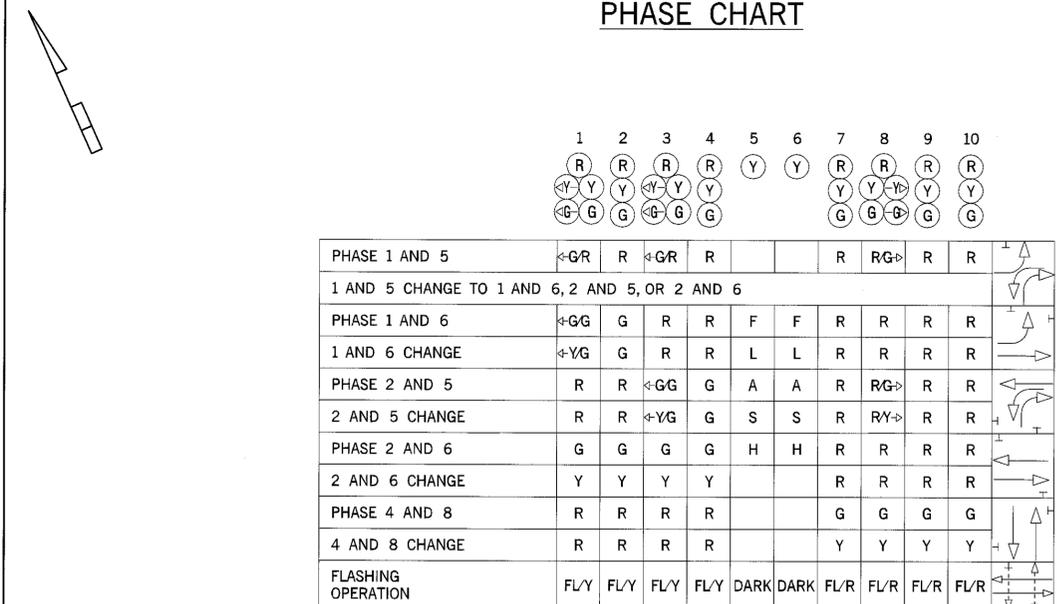
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
1001	MAINTENANCE OF TRAFFIC	EA	1
8014	FURNISH & INSTALL 250 WATT HPS LAMP AND LUMINAIRE	EA	1
8086	FURNISH & INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG) TRAY CABLE	LF	245
NEG.	FURNISH & INSTALL 6 FT. LIGHTING BRACKET ARM	EA	1
NEG.	FURNISH & INSTALL POLE EXTENSION	EA	1

WIRING DIAGRAM



PHASE CHART



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SABRA, WANG & ASSOCIATES, INC.
 1604 JOH AVENUE
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 BALTIMORE, MD 21227
 (410) 797-8564
 WWW.SABRA-WANG.COM

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 GENERAL INFORMATION PLAN
MD 177 (MOUNTAIN ROAD)
AT CATHERINE AVENUE

DRAWN BY: L. YEH	F.A.P. NO. S.H.A. NO. XX1065485	TS NO. 328 1-61	SHEET NO.
CHECKED BY: S. SMITH	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. G-050	2 OF 2
SCALE: NOT TO SCALE	LOG MILE: 02017702.88		
DATE: APRIL 13, 2004			