

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE RELOCATION OF AN EXISTING HIB FOR EASTBOUND MD 279. THERE WILL BE NO CHANGES TO THE INTERSECTION OPERATION. NEWARK AVENUE (MD 279) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THIS INTERSECTION CURRENTLY OPERATES IN A NEMA FIVE PHASE. FULLY ACTUATED MODE. THE THROUGH MOVEMENTS FOR MD 279 WILL OPERATE CONCURRENTLY.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
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B. EQUIPMENT TO BE FURNISHED AND/OR INTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
2002	1	CY	TEST PIT EXCAVATION
6003	16	SY	4 INCH CONCRETE SIDEWALK
8017	1	EA	REMOVE AND DISPOSE OF EQUIPMENT PER ASSIGNMENT
8019	1	EA	REMOVE FOUNDATION 12 INCH DEPTH
8022	35	LF	DISCONNECT, PULL BACK AND RE-ROUTE CABLES
8026	104	LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8030	0.7	CY	CONCRETE FOR SIGNAL FOUNDATION
8033	38	LF	NO 6 AWG STRANDED BARE COPPER GROUND WIRE
8038	150	LF	ELECTRICAL CABLE 1 CONDUCTOR NO 4 AWG - THHN / THWN
8052	1	EA	GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH
8064	1	EA	INSTALL STEEL POLE AND SINGLE MAST ARM ANY SIZE

PROJECT CONTACTS

The contact persons for District #5 are as follows:

Mr. Robert Kiel
Assistant District Engineer - Traffic
Phone: (410) 810-3240

Mr. Terry Wright
Assistant District Engineer - Maintenance
Phone: (410) 810-3250

Mr. Barry Clothier
Assistant District Engineer - Utility
Phone: (410) 810-3274

Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

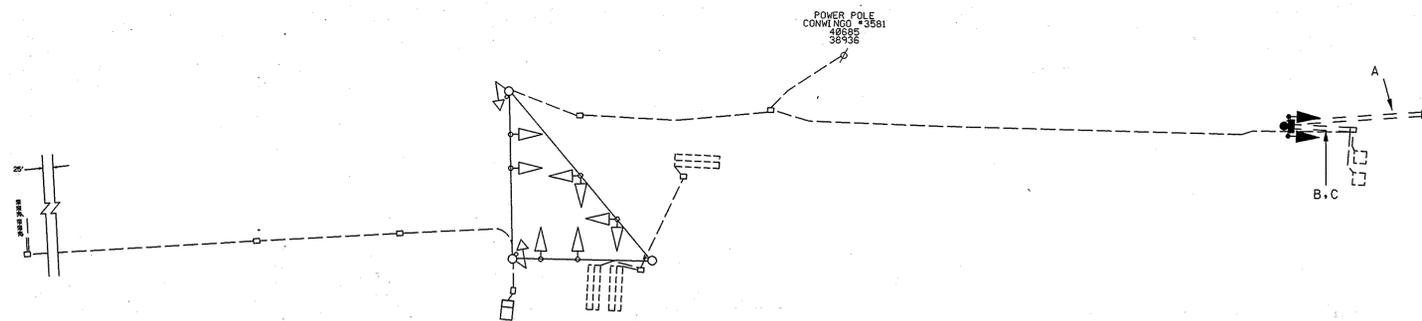
Mr. Sonny Bailey
Sign Shop
410-787-7670

Mr. Ed Rodenhizer
Signal Shop
410-787-7652

PHASE CHART

THERE IS NO CHANGE IN THE PHASE CHART.

WIRING DIAGRAM



KEY

- A - POWER SERVICE
- B - EXISTING CABLE
- C - 1 CONDUCTOR (NO. 6 AWG) STRANDED COPPER GROUND WIRE

TOD NO: AT933-09
SHA NO: CE342A51/B51
MD 279 @ GILPIN AVE

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 279 AT GILPIN AVENUE

GENERAL INFORMATION SHEET

SCALE	N. T. S.	DATE	09/7/07	CONTRACT NO.	AT93335185
DESIGNED BY	M.H.	COUNTY	CECIL		
DRAWN BY	M.H.	LOGMILE			
CHECKED BY	R.J.M.	T. I. M. S. NO.	I 421		
F.A.P. NO.		TOD NO.			
DRAWING NO.	13486	1 OF 1		SHEET NO.	2 OF 2

BAI

BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS

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BY: Robert