

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE CHANGING OF THE EXISTING EASTBOUND EXCLUSIVE/PERMISSIVE LEFT TURN PHASING TO EXCLUSIVE LEFT TURN PHASING. ALL NEW TRAFFIC SIGNALS HEADS WILL BE INSTALLED AS BLACKFACE WITH L.E.D. MODULES. ALL EXISTING BLACKFACE TRAFFIC SIGNALS HEADS WILL BE UTILIZED AND RETROFITTED WITH L.E.D. MODULES.

INTERSECTION OPERATION

THIS INTERSECTION CURRENTLY OPERATES IN A NEMA FOUR PHASE. FULLY ACTUATED MODE. THE THROUGH MOVEMENTS FOR MD 589 WILL OPERATE CONCURRENTLY. THE EASTBOUND LEFT TURN WILL OPERATE AS AS EXCLUSIVE LEFT TURN.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
9570	5	SF	[UPDATED] SHEET ALUMINUM GROUND MOUNTED SIGN R4-7 (R) (24" x 30")
	1	EA	
9571	8	SF	[UPDATED] SHEET ALUMINUM MAST ARM/POLE MOUNTED SIGN D-3(2) (72" x 16"), DUAL FACED
	1	EA	

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
8001	15	EA	12 INCH RED, YELLOW OR GREEN LED SIGNAL HEAD SECTION
8011	1	EA	BREAKAWAY PEDESTAL POLE - ANY SIZE
8015	9	EA	LED SIGNAL HEAD MODULES - ANY SIZE
8017	1	EA	REMOVE AND DISPOSE OF EQUIPMENT PER ASSIGNMENT
8026	15	LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8028	8	SF	RELOCATE EXISTING SIGN
8030	1	CY	CONCRETE FOR SIGNAL FOUNDATION
8031	15	LF	WOOD SIGN SUPPORTS 4 INCH X 4 INCH
8033	175	LF	NO 6 AWG STRANDED BARE COPPER GROUND WIRE
8045	5	SF	INSTALL GROUND MOUNTED SIGN
8046	8	SF	INSTALL OVERHEAD SIGN
8052	1	EA	GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH
8061	185	LF	ELECTRICAL CABLE - 7 CONDUCTOR NO 14 AWG
8060	65	LF	ELECTRICAL CABLE - 5 CONDUCTOR NO 14 AWG

PROJECT CONTACTS

The contact persons for District #1 are as follows:

Gene Cofieil
Assistant District Engineer - Traffic
Phone: (410) 677-4040

James Wright
Assistant District Engineer - Maintenance
Phone: (410) 677-4010

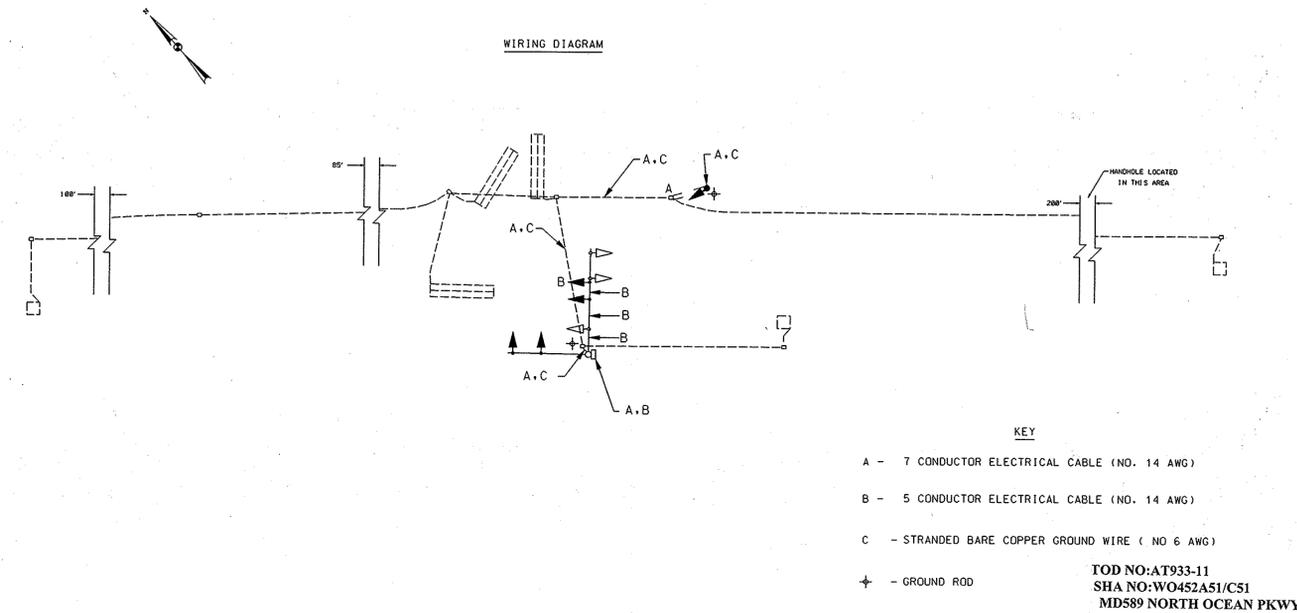
Bruce Poole
Utility Engineer
Phone: (410) 677-4082

Bob Snyder
Assistant Chief, Traffic Operations Division
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Ed Rodenhizer
Supervisor Signal Operations, Traffic Operations Division
Phone: (410) 787-7650

PHASE CHART

	1	2	3	4	5	6	7	8
	(R)	(Y)	(G)	(R)	(Y)	(G)	(R)	(Y)
	(R)	(Y)	(G)	(R)	(Y)	(G)	(R)	(Y)
PHASE 1 & 6	+G-	+G-	G	G	R	R	R	R
1 CHANGE	+Y-	+Y-	G	G	R	R	R	R
PHASE 2 & 6	+R-	+R-	G	G	G	G	R	R
2 & 6 CHANGE	+R-	+R-	Y	Y	Y	Y	R	R
PHASE 4	+R-	+R-	R	R	R	R	G	G
4 CHANGE	+R-	+R-	R	R	R	R	Y	Y
FLASHING OPERATION	DARK	DARK	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R



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

MD 589 AND NORTH OCEAN PARKWAY
WORCESTER COUNTY, MARYLAND

GENERAL INFORMATION SHEET

SCALE N.T.S. DATE 08/29/07 CONTRACT NO. AT9335185

DESIGNED BY J.B. COUNTY WORCESTER
DRAWN BY M.H. LOGMILE
CHECKED BY R.J.M. T.I.M.S. NO. 1444
F.A.P. NO. TOD NO.

DRAWING NO. 2289B SHEET NO. 2 OF 2

BAI BRUDIS & ASSOCIATES, INC.
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9220 RUMSEY ROAD, SUITE 110
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