

PROJECT DESCRIPTION

GENERAL

THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL DUE TO THE LOCATION OF THE PUSHBUTTONS AT THE INTERSECTION OF MD ROUTE 3 BUS. AND MD ROUTE 648 IN ANNE ARUNDEL COUNTY. THE SIGNAL MODIFICATION INCLUDES THE RELOCATION OF PUSHBUTTON AND PUSHBUTTON SIGNS MD 3 BUS. RUNS IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

1. NORMAL OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA EIGHT PHASE, FULL TRAFFIC ACTUATED MODE. THE MD 3 BUS. APPROACHES WILL OPERATE CONCURRENTLY AND MD 648 APPROACHES WILL ALSO RUN CONCURRENT.

NORTH, SOUTH, EAST AND WESTBOUND MD ROUTE 3 BUS AND MD ROUTE 648 WILL HAVE AN EXCLUSIVE/PERMISSIVE LEFT TURN PHASES.

NORTH, SOUTH, EAST AND WEST LEGS OF THE INTERSECTION WILL HAVE ALT. PEDESTRIAN MOVEMENTS

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
9089	2.25 SF	FLAT SHEET ALUM SIGN-YELLOW, ORANGE, & SILVER (SF) 1-R10-4(1) PUSH BUTTON TO CROSS (MD 3 BUS) 2-R10-4(1) PUSH BUTTON TO CROSS (MD 648)
9094	3 EA	PEDESTAL POLE 8' W/ T-BASE AND ANCHOR BOLTS
9096	3 EA	PUSHBUTTON

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8003	3 EA	CLEAN, CUT, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE
8028	1 EA	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8031	100 LF	FURNISH AND INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8037	3 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
8038	85 LF	FURNISH AND INSTALL NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8060	560 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO 14 AWG)
8066	3 EA	INSTALL PUSHBUTTON AND SIGN
NEG.	300 SF	TO BE NEGOTIATED - REMOVE AND RESET BRICK PAVERS IN SIDEWALK
NEG.	3 EA	INSTALL PEDESTAL POLE ANY SIZE W/BREAKAWAY BASE

C. EQUIPMENT TO BE RETURNED TO SHA

NONE

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #6 ARE AS FOLLOWS:

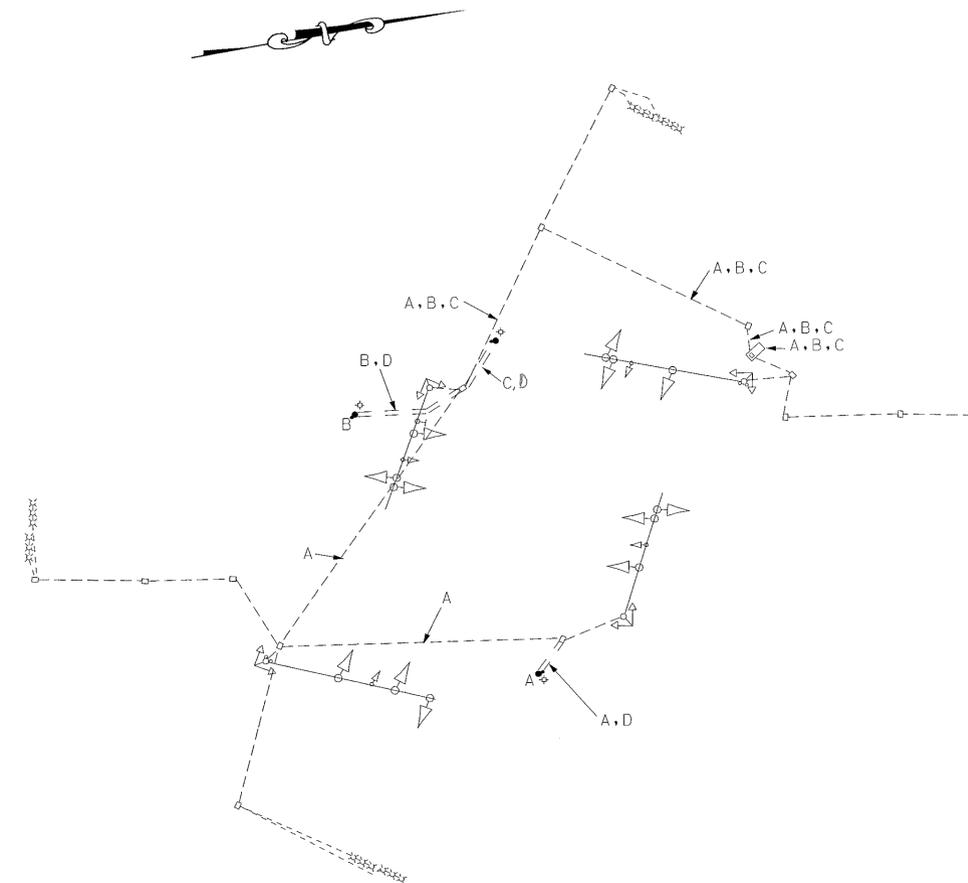
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DISTRICT ENGINEER
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DISTRICT UTILITY ENGINEER
PHONE: 410 841-1005

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CHIEF, TRAFFIC OPERATION DIVISION
PHONE: 410-787-7630

MR. GEORGE CHARLES
ASSISTANT DISTRICT ENGINEER-MAINTENANCE
PHONE: 410-841-1002



WIRING KEY

A,B,C — 2 CONDUCTOR (NO. 14 AWG)

D — STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)

◇ — GROUND ROD 3/4" X 10'

SG-2

BAI BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS

9220 RUMSEY ROAD, SUITE 210
COLUMBIA, MARYLAND 21045
(410)-884-3607

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 3 BUS. AND MD 648

DRAWN BY: V.Y.	F.A.P. NO. SEE TITLE SHEET	TS NO. TS-1508C	SHEET NO.
CHECKED BY: T.A.R.	S.H.A. NO. 2385472502893		
SCALE: N.T.S.	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. E794	2 OF 2
DATE: APRIL 1983	LOG MILE: .02B00302.89		