

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of an existing Traffic Control Signal at the intersection of MD 320 (Piney Branch Road) and Barron Street in Montgomery County, MD 320 (Piney Branch Road) is assumed to run an east-west direction.

II. INTERSECTION OPERATION

- The intersection shall continue to operate in a NEMA four-phase, pre-timed mode, with the MD 320 (Piney Branch Road) approaches continuing to run concurrently. The pedestrian phase with pushbutton actuation across the west leg of MD 320 (Piney Branch Road) shall remain in operation. A new pedestrian phase across the east leg of MD 320 (Piney Branch Road) with pushbutton actuation shall be provided. The Barron Street approach shall continue to operate as a separate phase.
- The existing full-traffic-actuated, eight-phase controller with all necessary equipment housed in a NEMA size "5" pole-mounted cabinet shall be installed at this intersection.

III. SPECIAL NOTES

- The Contractor shall be responsible for terminating all signal cables to the appropriate terminals and shall properly label each cable.
- Disconnecting and splicing of interconnect cable shall be performed by Montgomery County Forces. The contractor shall run the interconnect cable into the base of each cabinet and properly tag the cable. Contact Mr. Bob Gonzales at (240) 777-8761 seventy-two hours in advance of intended work.
- All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.

EQUIPMENT LIST

A. Equipment to be furnished by the SHA

Item No.	Description	Units
	There is no equipment to be furnished by the SHA	

B. Equipment to be furnished and installed by the Contractor

Item No.	Description	Units	Quantities
1001	Maintenance of Traffic	EA	1
5003	F&I 12" White Lead Free Reflective Therm. Pavement Markings	LF	160
5004	F&I 24" White Lead Free Reflective Therm. Pavement Markings	LF	30
8001	F&I 12" Ped. Signal Head Section	EA	4
8011	F&I Pushbutton and Sign	EA	2
8056	F&I Electrical Cable 2 - Conductor No. 14 AWG	LF	170
8057	F&I Electrical Cable 3-Conductor No. 14 AWG	LF	165

The contact persons for District #3 (Montgomery County) are as follows:

Mr. Lee Starkloff
Assistant District Engineer - Traffic
Phone: (301) 513-7318

Mr. Wayne Mowdy
Assistant District Engineer - Maintenance
Phone: (301) 513-7304

Mr. Augie Rebish
District Engineer - Utility
Phone: (301) 513-7350

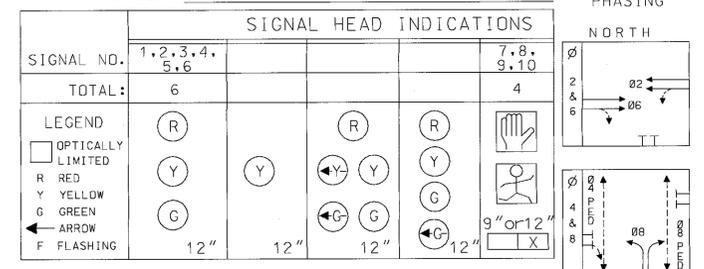
Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

SEQUENCE OF OPERATION SHEET

MD 320
RUNS IN AN
EAST-WEST
DIRECTION

TRAFFIC OPERATIONS SECTION
DIVISION OF TRAFFIC ENGINEERING
MONTGOMERY COUNTY, MARYLAND

INTERSECTION: MD 320 (PINEY BRANCH ROAD) AND BARRON STREET NO. _____ PHASING _____

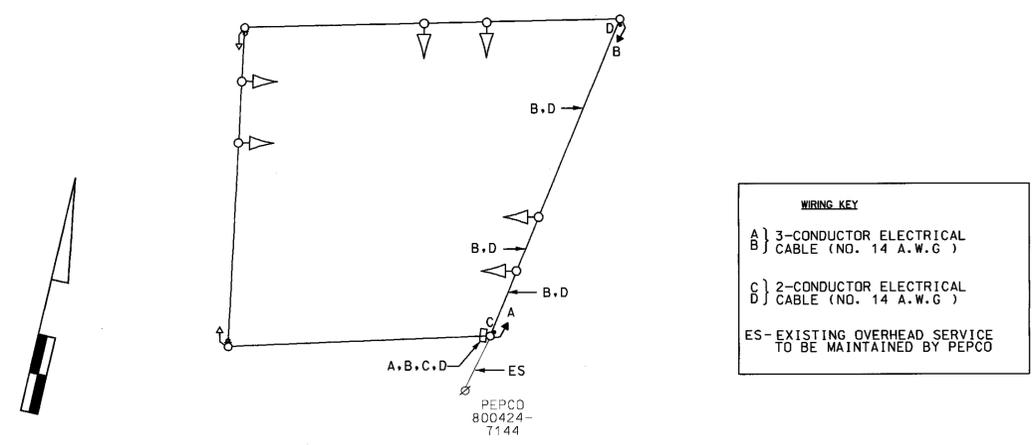


SIGNAL NO.	INTERVAL								F L A S H
	1	2	3	4	5	6	7	8	
1	G	Y	R	R	R	R	R	R	FL/Y
2	G	Y	R	R	R	R	R	R	FL/Y
3	G	Y	R	R	R	R	R	R	FL/Y
4	G	Y	R	R	R	R	R	R	FL/Y
5	R	R	R	G	G	G	Y	R	FL/R
6	R	R	R	G	G	G	Y	R	FL/R
7	DW	DW	DW	WK	FL/DW	DW	DW	DW	DARK
8	DW	DW	DW	WK	FL/DW	DW	DW	DW	DARK
9	DW	DW	DW	WK	FL/DW	DW	DW	DW	DARK
10	DW	DW	DW	WK	FL/DW	DW	DW	DW	DARK
PHASE	2 & 6			4 & 8				ALL RED	

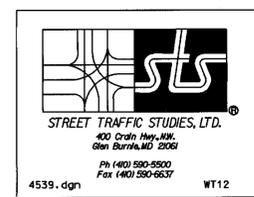
NOTES:

SUBMITTED: _____ CHECKED: _____ APPROVED: _____
IN SERVICE BY: _____ DATE: _____ TIME: _____

WIRING DIAGRAM



SHA #: MC325A5G -TOD#: AT288-56



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 320 AND BARRON STREET

DRAWN BY: ROB CICCHINI
CHECKED BY: J. ALLEN JR.
SCALE: NONE
DATE: 4-26-04

F.A.P. NO. S.H.A. NO. AT2885185
COUNTY: MONTGOMERY
LOG MILE: 15032001.98

TS NO. 4203A-G1
T.I.M.S. NO. G038

SHEET NO. 2 OF 2