

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE TRAFFIC SIGNAL AT US 113 (WORCHESTER) AND MD 610 (WHALESVILLE) IN WORCESTER COUNTY. US 113 (WORCHESTER) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

I. NORMAL OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA (6) SIX-PHASE FULLY-TRAFFIC-ACTUATED MODE WITH SOUTHBOUND AND NORTHBOUND US 113 APPROACHES OPERATING CONCURRENTLY. THE EASTBOUND AND WESTBOUND MD 610 APPROACHES WILL OPERATE CONCURRENTLY. EXCLUSIVE/PERMISSIVE LEFT TURNS WILL BE PROVIDED FOR ON US 113 APPROACHES.

CONTROLLER REQUIREMENTS:

A FULLY - TRAFFIC - ACTUATED - EIGHT - PHASE TRAFFIC SIGNAL CONTROLLER IN A BASE - MOUNTED SYSTEM READY CABINET WITH VIDEO CAMERA DETECTION WILL REMAIN AT THIS INTERSECTION.

SPECIAL NOTE:

UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL NOTIFY MR. ROBERT SNYDER OF SHA AT (410) 787-7635 TO ARRANGE FOR THE PHONE LINE INSTALLATION. THE CONTRACTOR IS TO PROVIDE MR. SNYDER WITH THE NEAREST STREET ADDRESS, ZIP CODE, AND PHONE NUMBER.

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR:

CATAGORY CODE NO.	SPEC. NO.	QUANTITY	DESCRIPTION
585624	SP-555	70 L.F.	FURNISH AND INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE)
800000		2 EA.	REMOVE AND RELOCATE VIDEO CAMERA.
800000	813	8 EA.	REMOVE AND RELOCATE EXISTING OVERHEAD SIGN.
860265	810	3 EA.	RELOCATE EXISTING SIGNAL HEAD.

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #2 ARE AS FOLLOWS:

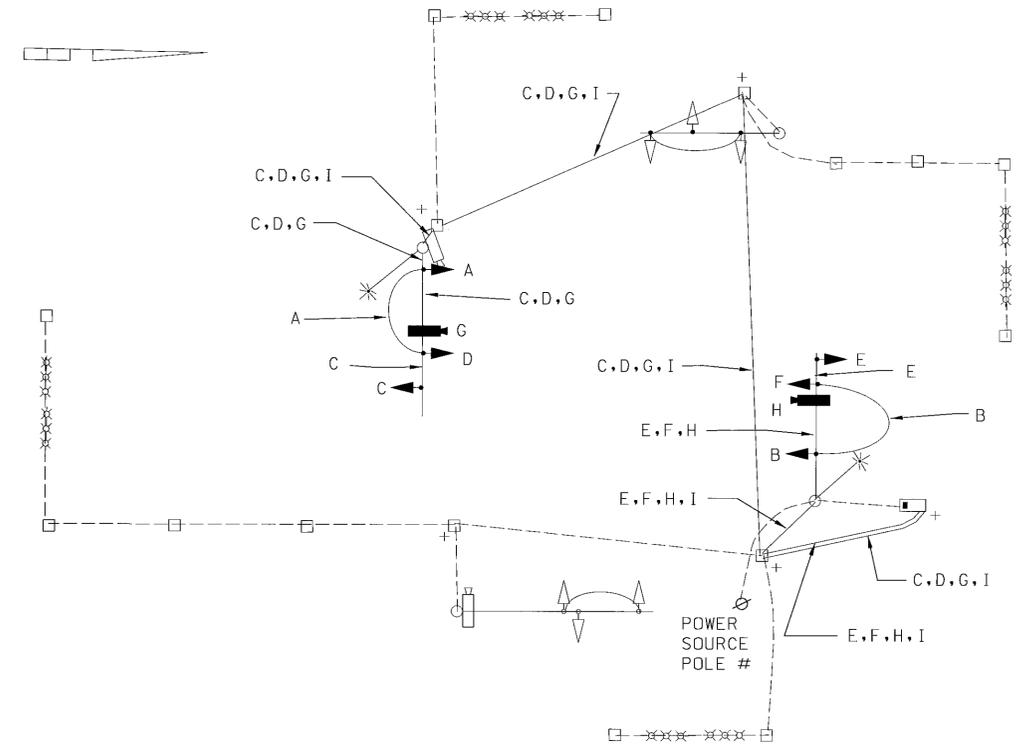
MR. GENE COFIELL
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 677-4040

MR. BRUCE POOLE
UTILITY ENGINEER
PHONE: (410) 677-4082

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

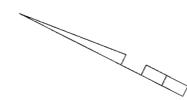
THE POWER COMPANY REPRESENTATIVE IS:
CONNECTIV POWER
MR. CHRIS SMITH
PHONE: (410) 860-6036

WIRING DIAGRAM



WIRING KEY

- A - B } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- C - F } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- G - H } VIDEO CABLE FOR CAMERA
- I } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- PF - POWER FEED (NO. 4 A.W.G.)
- + - 3/4 IN. x 10 FT. GROUND ROD



	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1+5	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 1+6	G	G	G	G	G	G	G	G	G	G	G	G
1+6 CHANGE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
PHASE 2+5	R	R	R	R	R	R	R	R	R	R	R	R
2+5 CHANGE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
PHASE 2+6	G	G	G	G	G	G	G	G	G	G	G	G
2+6 CHANGE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
PHASE 4 + 8	R	R	R	R	R	R	R	R	R	R	R	R
4 + 8 CHANGE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
FLASHING OPERATION	FL/Y											

TS-6



REVISIONS	
D	RECONSTRUCT SIGNAL DUE TO GEOMETRICS IMPROVEMENTS W07475170 5/02
C	RECONSTRUCT SIGNAL DUE TO GEOMETRICS IMPROVEMENTS W07475170 5/02
B	RECONSTRUCT SIGNAL DUE TO GEOMETRICS IMPROVEMENTS W07475170 5/02
A	RECONSTRUCT SIGNAL 12/03/93

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL GENERAL INFORMATION
US 113 (WORCHESTER) AT HAMMOND RD / MD 610 (WHALEYVILLE RD)

DRAWN BY:	F.A.P. NO. SEE TITLE SHEET	TS NO. 1848_D	SHEET NO.
CHECKED BY:	S.H.A. NO. WD 685-501 176		
SCALE: NONE	COUNTY: WORCESTER	T.I.M.S. NO. E - 116	
DATE:	LOG MILE: 23011337.04		38 OF 38