

PROJECT DESCRIPTION

I. GENERAL

This portion of the project involves the modification of the existing traffic signal at the intersection of MD 202 and 62nd Ave/Neighbor Ln in Prince George's County Maryland. MD 202 runs in an East-West direction.

II. INTERSECTION OPERATION

The proposed traffic signal will operate in a NEMA five (5) phase, semi-traffic actuated mode with northbound and southbound approaches operating concurrently and an eastbound exclusive/permisive left turn phase.

The existing eight phase fully traffic actuated controller will remain. New wiring will be brought into the cabinet. Proposed pedestrian signal heads will be added to the intersection.

III. SPECIAL NOTES

- It is the responsibility of the contractor to confirm geometrics prior to placing signal equipment.
- The signal shop will be notified to perform internal wiring of the cabinet at MD 202 @ 62nd Ave/Neighbor Ln. All cable shall be identified and brought into the controller by the contractor. The contractor shall notify Mr. Edward Rodenhizer, SHA Signal Shop at (410) 787-7650 seventy-two (72) hours in advance of this work.
- The Maryland State Highway Administration District #3 will be given at least seven (7) days notice to perform striping through the intersection area. Contact Mr. Majid Shakib at (301) 513 - 7358 to initiate this operation.
- This Project Shall Follow The Standard MOT Plates.
- 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.
- The contractor shall furnish and deliver the video detection control cabinet equipment a minimum of three (3) weeks prior to picking up the signal control cabinet from SHA Signal Shop, 7491 Connelley Drive. The contact person is Mr. Ed Rodenhizer for SHA, (410) 787-7650.

THE FOLLOWING CONTACT PERSONS FOR DISTRICT # 3 ARE AS FOLLOWS:

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

Mr. Raleigh Medley
Asst. District Engineer - Maintenance
Phone: (301) 513-7304

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

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

Mr. Majid Shakib
Assistant District Engineer-Traffic
Phone: (301) 513-7358

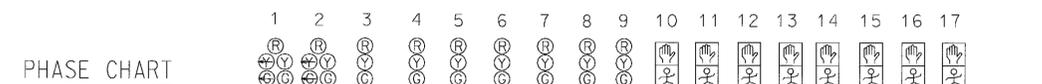
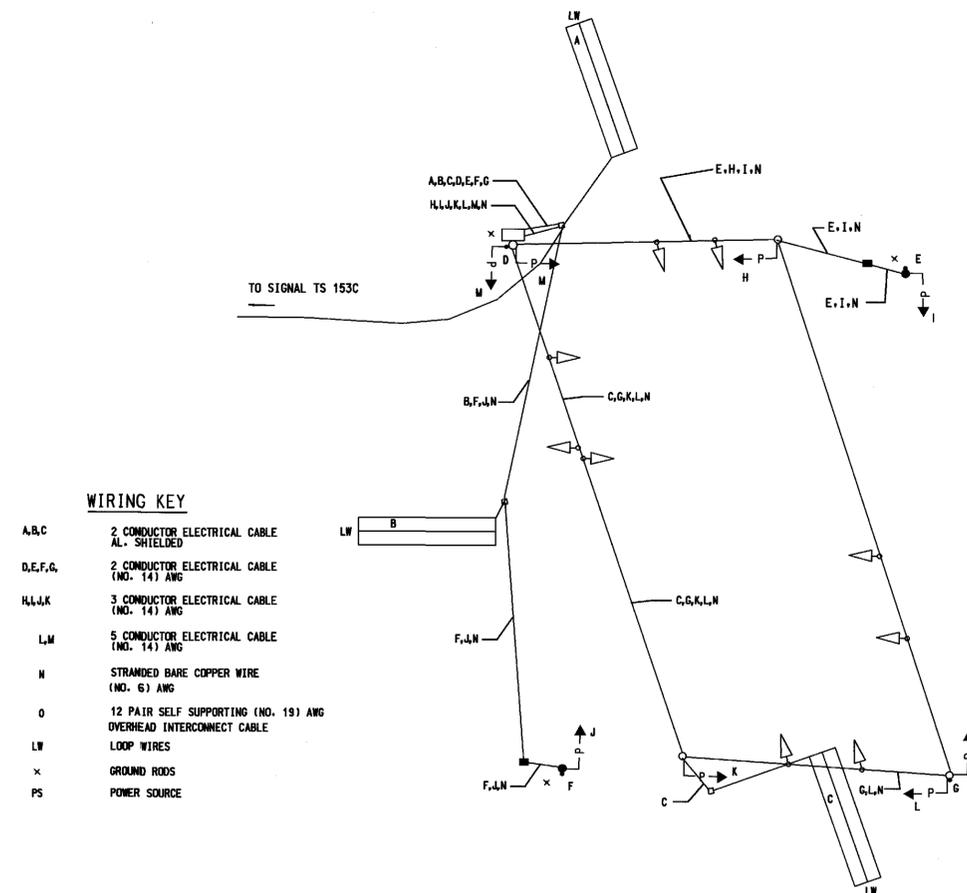
The Power Company Representative is:
POTOMAC ELECTRIC POWER COMPANY

8300 OLD MARLBORO PIKE
UPPER MARLBORO MARYLAND, 20772
(301) 961-5325

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

CATEGORY CODE NO.	SPEC. NO.	QUANTITY	DESCRIPTION
585620	SP-556	450 L.F.	FURNISH AND INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK)
585624	SP-556	120 L.F.	FURNISH AND INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE)
801004	801	1.4 C.Y.	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
802501	810	850 L.F.	FURNISH AND INSTALL STRANDARD BARE COPPER GROUND WIRE (NO. 6 AWG)
805160	805	10 L.F.	FURNISH AND INSTALL 1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT.
811001	811	2 EA.	FURNISH AND INSTALL ELECTRICAL HANDHOLE.
818004	818	2 EA.	FURNISH AND INSTALL 10 FT. BREAKAWAY PEDESTAL POLE.
837001	804	2 EA.	FURNISH AND INSTALL GROUND ROD - 3/4 IN. DIA. X 10 FT. LENGTH.
860278	814	16 EA.	FURNISH AND INSTALL 12 IN. PEDESTRAIN SIGNAL HEAD SECTION POLE MOUNT
861104	810	150 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (AL SHIELDED)
861105	810	500 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)
861106	810	650 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 AWG)
861107	810	250 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 5 AWGD)
862101	810	1250 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
862102	810	350 L.F.	FURNISH AND INSTALL SAWCUT FOR SIGNAL (LOOP DETECTOR)
865001	817	4 EA.	FURNISH AND INSTALL PUSH BUTTON AND SIGN.
870163	805	75 L.F.	FURNISH AND INSTALL 3 IN. DIA. PVC ELECTRICAL CONDUIT SCHEDULE 80 - TRENCHED
870167	805	80 L.F.	FURNISH AND INSTALL 4 IN. DIA. PVC ELECTRICAL CONDUIT SCHEDULE 80 - BORED

WIRING DIAGRAM



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
PHASE 1 & 6	G	G	G	R	R	R	R	R	R	DONT WALK	WALK	WALK	DONT WALK	DONT WALK	DONT WALK	DONT WALK	DONT WALK
PHASE 1 CHANGE	Y	G	Y	G	R	R	R	R	R	DONT WALK	WALK	WALK	DONT WALK	DONT WALK	DONT WALK	DONT WALK	DONT WALK
PHASE 2 & 6	G	G	G	G	G	R	R	R	R	WALK	WALK	WALK	WALK	DONT WALK	DONT WALK	DONT WALK	DONT WALK
PED CLEAR	G	G	G	G	G	R	R	R	R	FLSH DT WK	FLSH DT WK	FLSH DT WK	FLSH DT WK	DONT WALK	DONT WALK	DONT WALK	DONT WALK
PHASE 2 & 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	DONT WALK							
PHASE 4 & 8	R	R	R	R	R	G	G	G	G	DONT WALK							
PHASE 4 & 8 CHANGE	R	R	R	R	R	Y	Y	Y	Y	DONT WALK							
PHASE 4 & 8 ALT	R	R	R	R	R	G	G	G	G	DONT WALK	DONT WALK	DONT WALK	DONT WALK	WALK	WALK	WALK	WALK
PED CLEAR	R	R	R	R	R	G	G	G	G	DONT WALK	DONT WALK	DONT WALK	DONT WALK	FLSH DT WK	FLSH DT WK	FLSH DT WK	FLSH DT WK
PHASE 4 & 8 ALT CHANGE	R	R	R	R	R	Y	Y	Y	Y	DONT WALK							
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK							



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 202 / 62nd AVENUE/NEIGHBOR LANE
GENERAL INFORMATION

REVISIONS	
8-02	REDUCE LOOPS DUE TO RESURFACING PG42/SB4
C. MANZ	
A 8-88	ADD LAG L/T PHASE MD 202
SR	TH

DRAWN BY:	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY:	S.H.A. NO.	1616 B	
SCALE:	P-603-501-385		
DATE:	PRINCE GEORGE'S	T.I.M.S. NO.	
	APRIL 19, 1978	E 691	67 OF 92
	LOG MILE:	16020213.11	