

I. GENERAL PROJECT DESCRIPTION

This project involves the reconstruction of an existing traffic signal at the intersection of MD 223 (Woodyard Road) and Rosaryville Road in Prince George's county. This phase of MOT involves relocating the signal heads installed for Phase 1C. The video detection at the intersection shall be realigned.

II. INTERSECTION OPERATION

The pole mounted signal cabinet installed for Phase 1B operations shall be used during this phase. The intersection will operate in a fully actuated mode with exclusive/permissive left turn phasing for NB Rosaryville Road and SB MD 223, and split phasing for WB Haislip Way and NB MD 223, in NEMA 6-Phase operations.

NOTES

- For pavement markings, refer to the MOT and/or pavement marking plans, as applicable; other than those detailed on the plan. All pavement markings shall be installed in accordance with Administration standards.
- The contractor shall be responsible for terminating all signal cable to the appropriate terminals and properly labeling each cable.
- All traffic signal foundations shall be installed at the final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections, to meet clearances as specified in the appropriate 800 series Standard Plates. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- SHA forces will provide the video detection equipment and do all internal wiring of the controller cabinet.
- 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.
- The contractor shall maintain the continuous operation of all interconnect, vehicular, pedestrian detectors, and lighting devices. If any device is damaged by the contractor, it shall be repaired within 72 hours by the contractor at no cost to the Administration after notification by the Engineer.
- The contractor shall contact the SHA Signal Shop at (410) 787-7650 at least 72 hours prior to starting construction for this phase.

DISTRICT CONTACTS

MS. FELECIA MURPHY
ASSISTANT DISTRICT ENGINEER - TRAFFIC
301-513-7358

MR. VICTOR GRAFTON
ASSISTANT DISTRICT ENGINEER - UTILITIES
301-513-7350

MR. KEVIN NOWAK & MR. DUANE BERNARD
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
301-513-7336

MR. VERNON STINNETT
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
301-513-7304

OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
410-787-7650

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
410-787-7670

MS. DARLENE EIDE
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)
410-787-7668

EQUIPMENT LIST

CODE

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

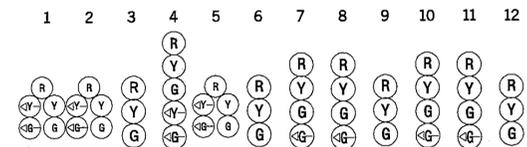
CATEGORY	DESCRIPTION	UNITS	QUANTITY
	NONE		

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

CATEGORY CODE	DESCRIPTION	UNITS	QUANTITY
114245	24 IN. WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKINGS	LF	120
199015	REMOVAL OF TEMPORARY PAVEMENT STRIPING TAPE - ANY WIDTH	LF	95
800000	RELOCATE EXISTING SIGNS	SF	8
800000	REALIGN VIDEO DETECTION CAMERA	EA	3
805115	3 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT - BORED	LF	55
805135	3 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED	LF	405
805140	4 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED	LF	55
811001	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA	6
837001	GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH	EA	2
860265	RELOCATE EXISTING TRAFFIC SIGNAL HEAD	EA	5

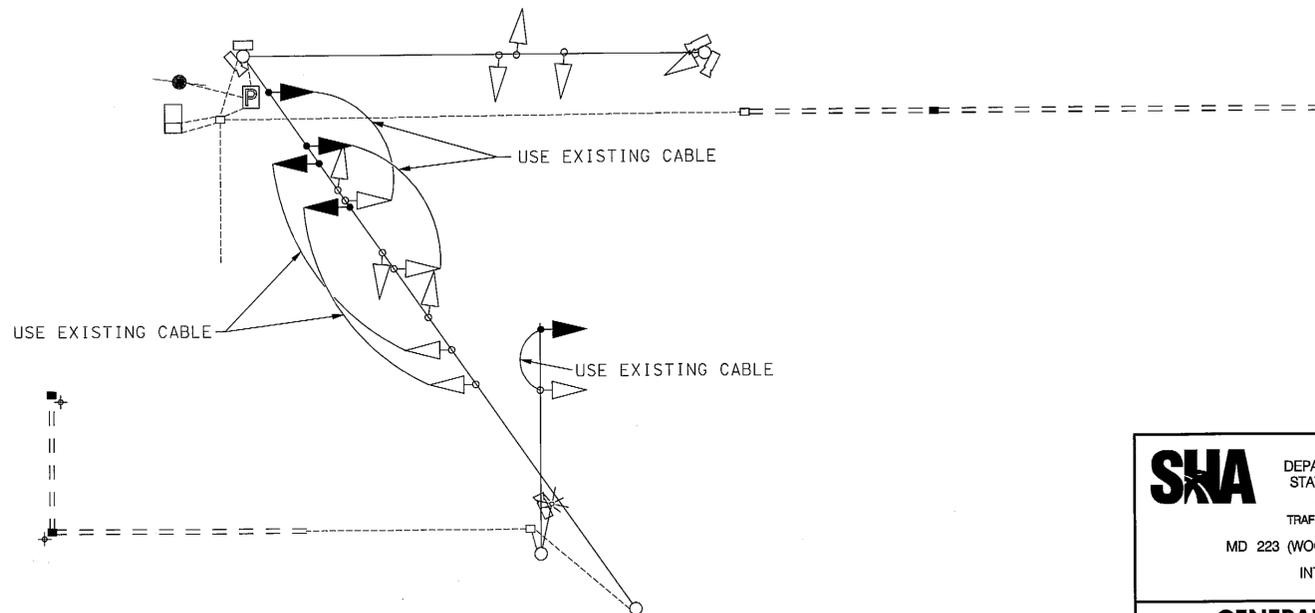


PHASE CHART



PHASE 1 AND 5	←GR	←GR	R	R	←GR	R	R	R	R	R	R	R	↑
PHASE 1 AND 5 CHANGE TO 2 AND 5, 1 AND 6, OR 2 AND 6													
PHASE 2 AND 5	←GG	←GG	G	R	R	R	R	R	R	R	R	R	↑
2 AND 5 CHANGE	←YG	←YG	G	R	R	R	R	R	R	R	R	R	↑
PHASE 1 AND 6	R	R	R	←G	←GG	G	R	R	R	R	R	R	↑
1 AND 6 CHANGE	R	R	R	←G	←YG	G	R	R	R	R	R	R	↑
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	↑
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	↑
PHASE 3	R	R	R	R	R	R	←G	←G	G	R	R	R	↑
3 CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R	↑
PHASE 4	R	R	R	R	R	R	R	R	←G	←G	G	G	↑
4 CHANGE	R	R	R	R	R	R	R	R	Y	Y	Y	Y	↑
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	↑

WIRING DIAGRAM



KEY

⊕ GROUND ROD

MOT PHASE 2



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 223 (WOODYARD ROAD) AT ROSARYVILLE ROAD
INTERSECTION IMPROVEMENTS
ROSARYVILLE, MARYLAND

GENERAL INFORMATION SHEET

SCALE NOT TO SCALE DATE APRIL 2010 CONTRACT NO. PG8205176

DESIGNED BY S. SMITH COUNTY PRINCE GEORGE'S
DRAWN BY S. SMITH LOGMILE 18022310.24
CHECKED BY J. WEAVER T.I.M.S. NO. J080
F.A.P. NO. SEE TITLE SHEET TOD NO.

TS NO. 1530C DRAWING NO. pSG OF N002 SHEET NO. 74 OF 93

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