

**PROJECT DESCRIPTION
GENERAL**

THIS PROJECT INVOLVES RECONSTRUCTION OF EXISTING TRAFFIC SIGNALS AT THE INTERSECTION OF MD 124 (WOODFIELD ROAD) AT FIELDCREST ROAD/HADLEY FARMS DRIVE IN MONTGOMERY COUNTY. MD 124 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A SEMI-ACTUATED MODE USING FOUR NEMA PHASES. AN EXCLUSIVE LEFT TURN PHASE WILL BE PROVIDED FOR WESTBOUND FIELDCREST ROAD.

PEDESTRIAN OPERATION

NAVIGATOR AUDIBLE PEDESTRIAN PUSHBUTTON MOVEMENTS TO CROSS THE WEST AND SOUTH LEGS OF THE INTERSECTION ARE TO BE PROVIDED. WHEN THE PEDESTRIAN LOCATES AND PRESSES THE PUSH BUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
WEST: "WAIT TO CROSS HADLEY FARMS AT WOODFIELD."
SOUTH: "WAIT TO CROSS WOODFIELD AT HADLEY FARMS/FIELDCREST."

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. JEFFREY WENTZ, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358
MR. DUANE BERNDARD, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (301) 513-7336
MR. WAYNE A. MOWDY, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304
MR. AUGIE REBISH, UTILITY ENGINEER
PHONE: (301) 513-7350
MR. ROBERT SNYDER, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. KAMAL HAMUD
MONTGOMERY COUNTY
240-777-8761

MR. STEVE CUSTER
PEPCO CUSTOMER DESIGN
201 W. GUIDE DR.
ROCKVILLE, MD 20850
PHONE: (301) 548-4333

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL: 104.00 - 30, 104.12 - 01, 104.13 - 01, 104.31 - 01, 104.32 - 01, 104.81 - 02

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY	DESCRIPTION	UNITS	QUANTITY
CODE NO.	NONE		

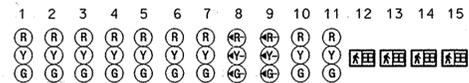
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY	DESCRIPTION	UNITS	QUANTITY
CODE NO.			
120500	MAINTENANCE OF TRAFFIC	LS	1
585452	24 INCH WHITE PERMANENT PREFORMED PAVEMENT MARKINGS	LF	40
800000	RELOCATE VIDEO DETECTION CAMERA	EA	1
813006	RELOCATE OVERHEAD SIGN	EA	2
860265	RELOCATE EXISTING SIGNAL HEAD	EA	2

WIRING DIAGRAM

SAME AS PREVIOUS PHASE

PHASE CHART



PHASE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
PHASE 2 AND 6	G	G	G	G	R	R	R	←	←	R	R	WK	WK	DW	DW
PED CLEARANCE	G	G	G	G	R	R	R	←	←	R	R	FL/DW	FL/DW	DW	DW
PHASE 2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R	←	←	R	R	DW	DW	DW	DW
PHASE 3 AND 8	R	R	R	R	R	R	R	←	←	G	G	DW	DW	DW	DW
PHASE 3 CHANGE	R	R	R	R	R	R	R	←	←	G	G	DW	DW	DW	DW
PHASE 4 AND 8	R	R	R	R	G	G	G	←	←	G	G	DW	DW	DW	DW
PHASE 4 AND 8 CHANGE	R	R	R	R	Y	Y	Y	←	←	Y	Y	DW	DW	DW	DW
PHASE 4 AND 8 ALT	R	R	R	R	G	G	G	←	←	G	G	DW	DW	WK	WK
PED CLEARANCE	R	R	R	R	G	G	G	←	←	G	G	DW	DW	FL/DW	FL/DW
PHASE 4 AND 8 ALT CHANGE	R	R	R	R	Y	Y	Y	←	←	Y	Y	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	DARK	DARK	DARK	DARK						

BY: Aaron Hottenstein Division: 0101 Transportation

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SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 124 (WOODFIELD RD) AND FIELDCREST RD /HADLEY FARMS DRIVE
STAGE II

GENERAL INFORMATION SHEET

SCALE	1" = 20'	DATE	NA	CONTRACT NO.	M06325171
DESIGNED BY	AH	COUNTY	MONTGOMERY		
DRAWN BY	AF	LOGMILE	15012408.87		
CHECKED BY	JFL	TIMS NO.	H079		
FAP NO.	AC-STP-1103(B)E	TOD NO.			
TS NO.	3976-C	DRAWING	SP-30 OF 39	SHEET NO.	288 OF 377