

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

**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	65
800000	RELOCATE VIDEO DETECTION CAMERA	EA	1
813006	RELOCATE OVERHEAD SIGN	EA	4
860265	RELOCATE EXISTING SIGNAL HEAD	EA	2

**WIRING DIAGRAM**

SAME AS PREVIOUS PHASE

**PHASE CHART**

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

BY: Aaron Hottenstein Division: 0101 Transportation



**KCI**  
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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 V

**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(8)E	TOD NO.			
TS NO.	3976-C	DRAWING	SP-36 OF 39	SHEET NO.	294 OF 377