

**PROJECT DESCRIPTION**

**GENERAL**  
 THIS PROJECT INVOLVES RECONSTRUCTION OF EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 124 (WOODFIELD ROAD) AT AIRPARK ROAD 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 EIGHT NEMA PHASES. AN EXCLUSIVE LEFT TURN WILL BE PROVIDED FOR NORTHBOUND AND SOUTHBOUND MD 124. AN EXCLUSIVE LEFT TURN WILL BE PROVIDED FOR EASTBOUND AND WESTBOUND AIRPARK ROAD. A RIGHT TURN OVERLAP PHASE WILL BE PROVIDED ON WESTBOUND AIRPARK.

**PEDESTRIAN OPERATION**

NAVIGATOR AUDIBLE PEDESTRIAN PUSHBUTTON MOVEMENTS TO CROSS THE EAST, WEST NORTH AND SOUTH LEGS OF THE INTERSECTION ARE TO BE PROVIDED. WHEN THE PEDESTRIAN LOCATES AND PRESSES THE PUSH BUTTON FOR AN EXTENDED TIME, THE PUSH BUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
 NORTH/SOUTH: "WAIT TO CROSS WOODFIELD AT AIRPARK. CROSSWALK ANGLES LEFT."  
 EAST: "WAIT TO CROSS AIRPARK AT WOODFIELD. CROSSWALK ANGLES SLIGHTLY RIGHT."  
 WEST: "WAIT TO CROSS AIRPARK AT WOODFIELD. CROSSWALK ANGLES RIGHT."

**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	70
800000	RELOCATE VIDEO DETECTION CAMERA	EA	4
813006	RELOCATE OVERHEAD SIGN	EA	10
860265	RELOCATE EXISTING SIGNAL HEAD	EA	10

**WIRING DIAGRAM**

SAME AS PREVIOUS PHASE

**PHASE CHART**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15a	16	17	18	19	20	21	22	23	24	25	26	27
PHASE 1 AND 5	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
1 AND 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 1 AND 6 OR 2 AND 5 OR 2 AND 6																											
PHASE 1 AND 6	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 1 CHANGE	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 2 AND 5	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 2 CHANGE	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 2 AND 6	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PED CLEARANCE	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
2 AND 6 CHANGE	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 3 AND 7	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
3 AND 7 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 3 AND 8 OR 4 AND 7 OR 4 AND 8																											
PHASE 3 AND 8	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 3 CHANGE	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 4 AND 7	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 4 CHANGE	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 4 AND 8	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
4 AND 8 CHANGE	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PHASE 4 AND 8 ALT	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
PED CLEARANCE	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
4 AND 8 ALT CHANGE	←			←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←	←
FLASHING OPERATION	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL

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 ROAD) AND AIRPARK ROAD  
 STAGE III

**GENERAL INFORMATION SHEET**

SCALE	1" = 20'	DATE	NA	CONTRACT NO.	M06325171
DESIGNED BY	AH	COUNTY	MONTGOMERY		
DRAWN BY	AF	LOGMILE	15012407.73		
CHECKED BY	JFL	TIMS NO.	H079		
FAP NO.	AC-STP-1103@E	TOD NO.	AT288-73		
TS NO.	2248-E	DRAWING	SP-8	OF 39	SHEET NO. 266 OF 377