



- APS NOTES:**
1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
  2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
  3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
  4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
  5. APS WILL FUNCTION AS FOLLOWS:

- TO CROSS MD 124 AT FLOWER HILL WAY**
- A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
"WAIT TO CROSS WOODFIELD WAIT."
  - B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.
- TO CROSS FLOWER HILL WAY AT MD 124**
- A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
"WAIT TO CROSS FLOWER HILL WAIT."
  - B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

- GEOMETRIC CONSTRUCTION DETAILS:**
- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) (NOTE: ONE 24"x60" DETECTABLE WARNING SURFACE.)
  - B. INSTALL COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13) (NOTE: ONE 24"x60" DETECTABLE WARNING SURFACE.)
  - C. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
  - D. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
  - E. BEGIN 12:1 RAMP
  - F. 48:1 LEVEL LANDING AREA.
  - G. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
  - H. TIE NEW CURB TO EXISTING CURB AT JOINT.

TOD NO: XY224-19  
SHA NO: MD145B57  
MD 124 @ Flower Hill Way

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC CABLES

LEGEND SYMBOL	DESCRIPTION
⊙	48" SIGNAL POLE FOUNDATION
⊙	36" SIGNAL POLE FOUNDATION
⊙	18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
⊙	PED SIGN AND PUSHBUTTON
⊙	'S' SIGNAL CABINET WITH PADS
⊙	POWER PEDESTAL
⊙	HANDHOLE
---	CONDUIT RUN

GEOMETRIC LEGEND	DESCRIPTION
---	EXISTING SIDEWALK/CURB JOINT (APPROXIMATE)
---	NEW SIDEWALK AND ADA HANDICAP RAMP
---	NEW CONCRETE
---	SEED AND MULCH



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 124 (WOODFIELD ROAD) AT  
FLOWER HILL WAY  
REDLAND, MD

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**GEOMETRIC PLAN SHEET**

SCALE 1" = 10'    ADVERTISED DATE 05/2012    CONTRACT NO. XY2245185

DESIGNED BY CW	COUNTY MONTGOMEY
DRAWN BY CW	LOGMILE 15012406.62
CHECKED BY RM	TMS NO. L343
F.A.P. NO.	TOD NO.

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TS NO. 2360B	DRAWING SG-2	OF 2	SHEET NO. 2 OF 3
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