



- APS NOTES:**
- PUSHBUTTONS 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%.
  - THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
  - PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
  - 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.
  - APS WILL FUNCTION AS FOLLOWS:

**TO CROSS MD 355 AT ODENDHAL AVE.**

A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
"WAIT TO CROSS FREDERICK AT ODENDHAL WAIT."

B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

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- GEOMETRIC CONSTRUCTION DETAILS:**
- INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12)
  - INSTALL STANDARD DRIVEWAY ENTRANCE (STANDARD NO. MD 630.01)
  - INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02)
  - INSTALL STANDARD TYPE A DEPRESSED COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.03)
  - INSTALL STANDARD TYPE A DEPRESSED TO TYPE C COMBINATION CURB AND GUTTER (STANDARD NO. MD 630.01)
  - INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02)
  - BEGIN 12:1 RAMP
  - BEGIN 48:1 LEVEL LANDING AREA
  - TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
  - TIE NEW CURB TO EXISTING CURB AT JOINT.
  - REMOVE EXISTING MEDIAN NOSE AND BACK FILL WITH 10" SIDEWALK
  - TRANSITION RAMP WITH EXISTING DRIVEWAY.

**1 RED LINE REVISION NO. 1 11/19/2012**

*TEDD APPROVAL*  
TEDD APPROVAL

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

LEGEND SYMBOL	DESCRIPTION
⊙	48" SIGNAL POLE FOUNDATION
⊙	36" SIGNAL POLE FOUNDATION
⊙	18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
⊙	PED SIGN AND PUSHBUTTON
□	SIGNAL CABINET W/PAD
□	POWER PEDESTAL
■	HANDHOLE
---	CONDUIT RUN

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

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 355 (FREDERICK ROAD) AT ODENDHAL AVENUE  
GAITHERSBURG, MD

**GEOMETRIC PLAN SHEET**

SCALE 1" = 10' ADVERTISED DATE 09/2012 CONTRACT NO. XY2245185

DESIGNED BY	DM	COUNTY	MONTGOMERY
DRAWN BY	DM	LOGMILE	15035515.03
CHECKED BY	RM	TMS NO.	L022
F.A.P. NO.		TOD NO.	

TS NO. 486C DRAWING SG -2 OF 2 SHEET NO. 2 OF 3

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