

ODENDHAL AVE.

**MD 355 NB
(FREDERICK RD.)**

**MD 355 SB
(FREDERICK RD.)**

- 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 PASSES 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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- 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 THE NEW CURB TO EXISTING CURB AT JOINT.
- REMOVE EXISTING MEDIAN NOSE AND BACK FILL WITH 10" SIDEWALK
- TRANSITION RAMP WITH EXISTING DRIVEWAY.

TOD NO: XY224-21
SHA NO: MO145A59/B59
MD 355 @ Odendhal Avenue

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	
⊕	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	
---	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	TIMS 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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