

MD 355 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

ODENDHAL AVE.

MD 355 NB (FREDERICK RD.)

MD 355 SB (FREDERICK RD.)

APS NOTES:

1. 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%.
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.
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 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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GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12)
- B. INSTALL STANDARD DRIVEWAY ENTRANCE (STANDARD NO. MD 630.01)
- C. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02)
- D. INSTALL STANDARD TYPE A DEPRESSED COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.03)
- E. INSTALL STANDARD TYPE A DEPRESSED TO TYPE C COMBINATION CURB AND GUTTER (STANDARD NO. MD 630.01)
- F. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02)
- G. BEGIN 12:1 RAMP
- H. BEGIN 48:1 LEVEL LANDING AREA
- J. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
- K. TIE NEW CURB TO EXISTING CURB AT JOINT.
- L. REMOVE EXISTING MEDIAN NOSE AND BACK FILL WITH 10" SIDEWALK
- M. TRANSITION RAMP WITH EXISTING DRIVEWAY.

2 RED LINE REVISION NO. 2 01/02/2013

TEDD 1/7/13
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



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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BAI BRUDIS & ASSOCIATES, INC.
Consulting Engineers
8540 Rumney Road, Suite C
Columbia, Maryland 21045
Phone 410-864-3607
www.brudis.com