

MD 187 IS ASSUMED TO RUN IN AN NORTH/SOUTH DIRECTION

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 PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
- PUSHBUTTON 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 PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
- APS WILL FUNCTION AS FOLLOWS:

TO CROSS BATTERY AT OLD GEORGETOWN

- A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS BATTERY AT OLD GEORGETOWN, 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 OLD GEORGETOWN AT BATTERY

- A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS OLD GEORGETOWN AT BATTERY, 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:

- INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
- INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- BEGIN 12:1 RAMP.
- 48:1 LEVEL LANDING AREA.
- TIE IN SIDEWALK WITH EXISTING SIDEWALK AT JOINT.
- TIE IN RAMP WITH EXISTING SIDEWALK RAMP.
- INSTALL A CONCRETE ISLAND, TIE IN WITH EXISTING.
- TIE THE NEW CURB TO EXISTING CURB AT JOINT.

REDLINE REVISION NO. 1 - 09/05/2013

TEDD 10/16/13
TEDD APPROVAL

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 187 (OLD GEORGETOWN ROAD)
AND BATTERY LANE
BETHESDA, MD

GEOMETRIC PLAN SHEET			
SCALE 1" = 10'	ADVERTISED DATE 12/2012	CONTRACT NO. XY1285185	
DESIGNED BY DM	COUNTY MONTGOMERY		
DRAWN BY DM	LOGMILE 15018700.63		
CHECKED BY RM	TMS NO. K613		
F.A.P. NO.	TOD NO.		
TS NO.	DRAWING SG-2	OF 2	SHEET NO. 2 OF 3

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
	'S' SIGNAL CABINET W/PAD
	POWER PEDESTAL
	HANDHOLE
	CONDUIT RUN

GEOMETRIC LEGEND	
	EXISTING SIDEWALK/CURB JOINT (APPROXIMATE)
	NEW SIDEWALK AND ADA HANDICAP RAMP

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PLOTTED: Thursday, September 05, 2013 AT 02:22 PM
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