

MD 197 IS ASSUMED TO RUN IN A NORTHSOUTH DIRECTION

**MD 197 SB
(LAUREL-BOWIE RD)**

BOWIE ROAD

**MD 197 NB
(LAUREL-BOWIE RD)**

CLUBHOUSE BOULEVARD

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 BOWIE ROAD AT CLUBHOUSE BLVD.
A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGES:
CURBSIDE BUTTONS
"WAIT TO CROSS LAUREL-BOWIE AT BOWIE AND CLUBHOUSE. SECOND PUSH BUTTON IN MEDIAN, WAIT."
MEDIAN BUTTONS
"WAIT TO CROSS LAUREL-BOWIE AT BOWIE AND CLUBHOUSE, 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 COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13).
- B. RECONSTRUCT CUT-THROUGH RAMP (STANDARD NO. MD 655.21).
- C. INSTALL TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- D. INSTALL TYPE A CURB (STANDARD NO. MD 620.02).
- E. BEGIN 12:1 RAMP
- F. BEGIN 48:1 LEVEL LANDING AREA.
- G. TIE IN NEW SIDEWALK WITH EXISTING SIDEWALK AT JOINT.
- H. TIE NEW CURB TO EXISTING CURB AT JOINT.
- J. BACKFILL WITH SEED AND MULCH.
- K. REMOVE ISLAND AND BACKFILL WITH 10" CONCRETE PAVEMENT.

LEGEND SYMBOL	DESCRIPTION
⊕	48" SIGNAL POLE FOUNDATION
⊙	24" PED POLE FOUNDATION
⊙	18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
⊙	PED SIGN AND PUSHBUTTON
■	SIGNAL CABINET WITH PAD
■	POWER PEDESTAL
■	HANDHOLE
---	CONDUIT RUN

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

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 197 (LAUREL-BOWIE ROAD) AT
BOWIE ROAD/CLUBHOUSE BOULEVARD
LAUREL, MD

GEOMETRIC PLAN SHEET

SCALE: 1" = 10' ADVERTISED DATE: 01/2012 CONTRACT NO.: XX4395185

DESIGNED BY: DM COUNTY: PRINCE GEORGE'S
DRAWN BY: DM LOGMILE: 016019714.14
CHECKED BY: FM TMS NO.: K808
F.A.P. NO.: TOD NO.:

TS NO. 2623C DRAWING - OF SHEET NO. 2 OF 3

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BY: davidma

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