



MD 212 IS ASSUMED TO RUN IN A NORTHSOUTH DIRECTION

- GEOMETRIC CONSTRUCTION DETAILS:**
- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) (NOTE: ONE 24" X 60" DETECTABLE WARNING SURFACE.)
 - B. INSTALL 3 LEG CUT-THROUGH WALKWAY (STANDARD NO. MD 655.21) (NOTE: ONE 24" X 60" DETECTABLE WARNING SURFACE EACH LEG)
 - 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 CURB (STANDARD NO. MD 620.02)
 - F. FILL CONCRETE ISLAND WITH 5" SIDEWALK.
 - G. BEGIN 12:1 RAMP.
 - H. 48" LEVEL LANDING AREA.
 - J. TIE IN TO EXISTING SIDEWALK AT JOINT.
 - K. TIE NEW CURB TO EXISTING CURB AT JOINT.
 - L. REPLACE EXISTING SLAB/S TO EXISTING SPECS.
 - M. FILL CUT BACK MEDIAN WITH 10" SIDEWALK.

- 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 MD 212 AT MD 501**
- A. A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE: "WAIT TO CROSS RIGGS 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 MD 501 AT MD 212**
- A. A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE: "WAIT TO CROSS CHILLUM WAIT."
 - B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TOD NO: XX439-24
SHA NO: PG995B5B
MD 212 @ MD 501

GEOMETRIC LEGEND	
---	EXISTING
- - -	PROPOSED

UTILITY LEGEND	
—SD—SD	STORM DRAIN
—G—G	GAS MAIN
—W—W	WATER MAIN
—S—S	SEWER MAIN
—E—E	ELECTRIC CABLES
—A—A	AERIAL CABLES
—T—T	TELEPHONE CABLES
—F—F	FIBER-OPTIC

LEGEND SYMBOL	DESCRIPTION
⊙	48" SIGNAL POLE FOUNDATION
⊙	36" SIGNAL POLE FOUNDATION
⊙	24" PED 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
▨	SEED AND MULCH

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 212 (RIGGS ROAD) AND
MD 501 (CHILLUM ROAD)
CHILLUM, MARYLAND

GEOMETRIC PLAN SHEET

SCALE 1" = 10' ADVERTISED DATE 08/2012 CONTRACT NO. XX4395185

DESIGNED BY CW COUNTY PRINCE GEORGE'S
DRAWN BY CW LOGMILE 16021200.17
CHECKED BY RM TMS NO. K728
F.A.P. NO. TOD NO.

TS NO. 1063E DRAWING - OF SHEET NO. 2 OF 3

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BY: CHUCK