



MD 213 IS ASSUMED TO RUN  
IN A NORTHSOUTH DIRECTION

# MD 213 SB

# MD 213 NB

# WHITEHALL RD

CONOWINGO  
NO. 14876

### APS NOTES:

- 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%.
- 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.
- 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 213 AT WHITEHALL RD.

- WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
"WAIT TO CROSS AUGUSTINE HERMAN WAIT."
- WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

### TO CROSS WHITEHALL RD. AT MD 213

- WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
"WAIT TO CROSS WHITEHALL WAIT."
- 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) (NOTE: ONE 24"x60" DETECTABLE WARNING SURFACE.)
- INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) (NOTE: THREE 24"x60" AND ONE 24"x36" DETECTABLE WARNING SURFACES.)
- INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- 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 NEW CURB TO EXISTING CURB AT JOINT.
- REMOVE EXISTING SIDEWALK AND BACKFILL WITH SEED AND MULCH.

TOD NO: XX661-10  
SHA NO: CE401852  
MD 213 @ Whitehall Road

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
⊙	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	
---	EXISTING SIDEWALK/CURB JOINT (APPROXIMATE)
▨	NEW SIDEWALK AND ADA HANDICAP RAMP
▨	NEW CONCRETE
▨	SEED AND MULCH



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 213 (AUGUSTINE HERMAN HWY) AT  
WHITEHALL ROAD  
ELKTON, MD

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### GEOMETRIC PLAN SHEET

SCALE 1" = 10' ADVERTISED DATE 10/2011 CONTRACT NO. XX6615185

DESIGNED BY DM	COUNTY CECIL
DRAWN BY DM	LOGMILE 07021317.85
CHECKED BY JB	TMS NO. L056
F.A.P. NO.	TOD NO.

TS NO. 3323F	DRAWING - OF	SHEET NO. 2 OF 3
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