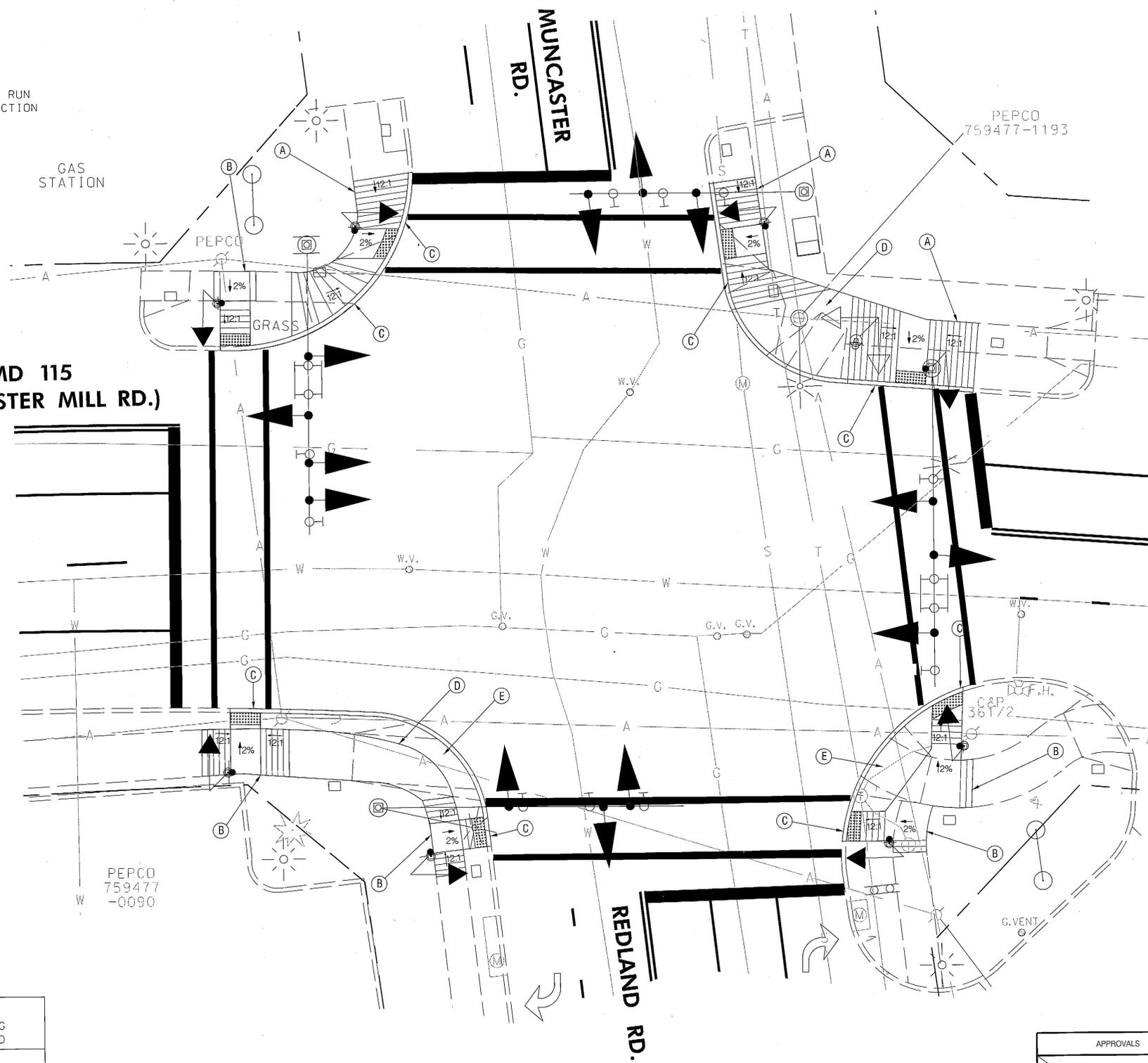




MD 115 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

**MD 115
(MUNCASTER MILL RD.)**



- APPS 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.
 - APPS WILL FUNCTION AS FOLLOWS:
 - TO CROSS EAST LEG
 - A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE: "WAIT TO CROSS MUNCASTER MILL AT REDLAND AND MUNCASTER."
 - 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 WEST LEG
 - A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE: "WAIT TO CROSS MUNCASTER MILL AT REDLAND AND MUNCASTER."
 - 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 SOUTH LEG
 - A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE: "WAIT TO CROSS REDLAND AT MUNCASTER MILL."
 - 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 NORTH LEG
 - A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE: "WAIT TO CROSS MUNCASTER AT MUNCASTER MILL."
 - B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.
 - ALL TRUNCATED DOMES (ON DETECTABLE WARNING SURFACES) ARE TO BE INSTALLED TO ALIGN WITH THE CROSSWALK.

GEOMETRIC CONSTRUCTION DETAILS

- INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) WITH DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40)
- INSTALL COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13) WITH DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40)
- INSTALL DEPRESSED STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02). AND TIE IT TO EXISTING CURB AND GUTTER.
- INSTALL 5 FT. WIDE SIDEWALK AND TIE IT TO EXISTING SIDEWALK.
- REMOVE EXISTING CONCRETE SIDEWALK AND REPLACE WITH TOPSOIL, SEED, AND MULCH.

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

TOD NO: XX449-20
SHA NO: MO205A53/B53
MD 115@ REDLAND RD

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 115 (MUNCASTER MILL RD.) @ REDLAND RD/MUNCASTER RD.
TRAFFIC SIGNAL MODIFICATION



APPROVALS	REVISIONS	GEOMETRIC PLAN SHEET		
<p>TEAM LEADER</p> <p>ASST. DIV. CHIEF</p> <p>DIVISION CHIEF</p> <p>OFFICE DIRECTOR</p>	<p>11/01/08 SHA # XX4495185 MODIFY SIGNAL PHASING, INSTALL APPS/CPS AND ADA COMPLIANT RAMPS</p> <p>11/99 RELOCATE SIGNAL POLES DUE TO GEOMETRIC IMPROVEMENTS</p> <p>03/28/96 RE-CUT LOOPS, ADD SAMPLING AND ADJUST PHASING DUE WIDENING</p>	SCALE 1"=10'	ADVERTISED DATE 11-01-08 CONTRACT NO. XX4495185	
	DESIGNED BY NG COUNTY MONTGOMERY	DRAWN BY NG LOGMILE 15011501.29	CHECKED BY JB TMS NO. 1643	F.A.P. NO. TOD NO.
	TS NO. TS-2655F DRAWING - OF SHEET NO. 2 OF 3			

PLOTTED: Monday, December 16, 2008 AT 01:44 PM
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BY: nitesh