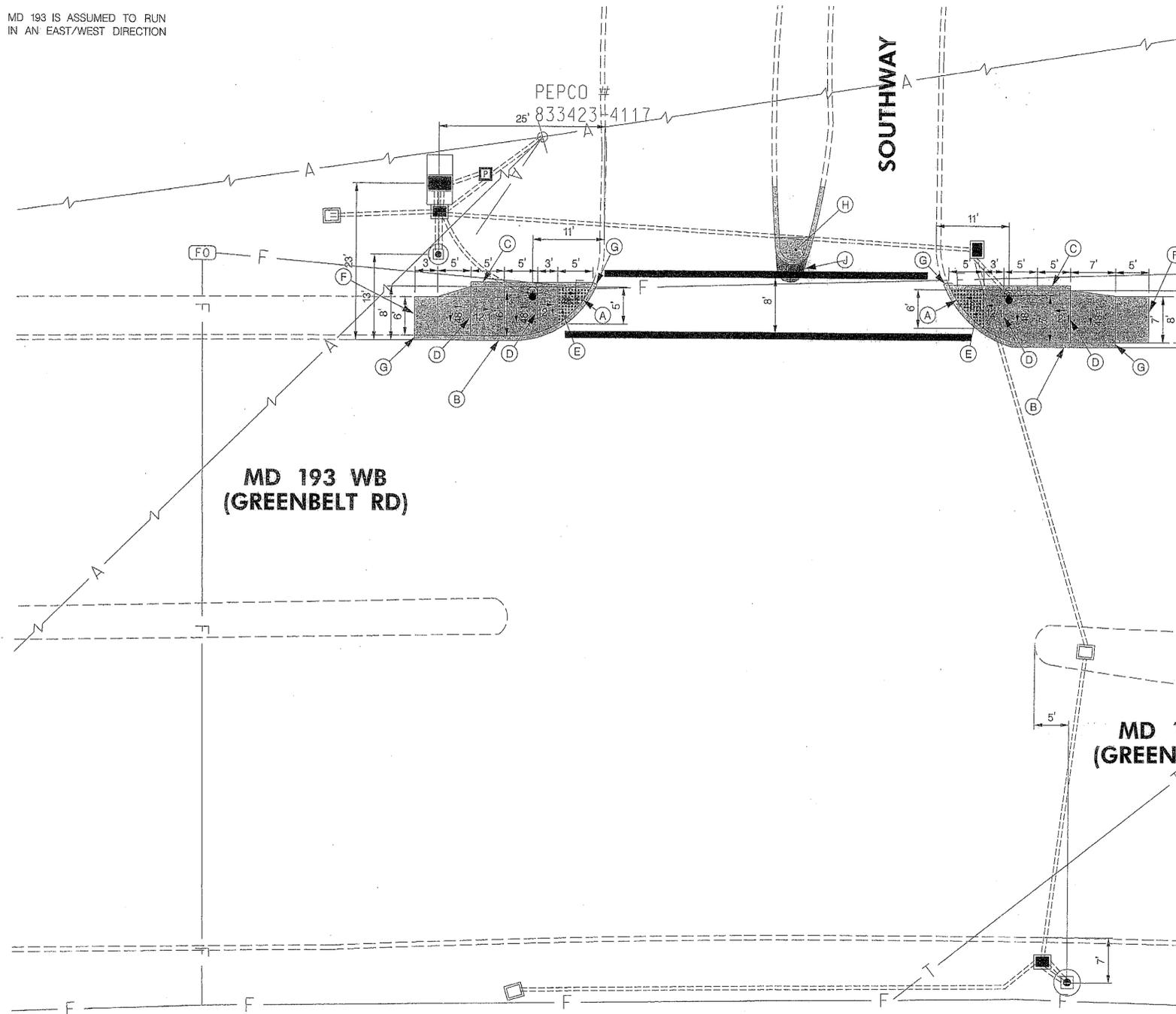


MD 193 IS ASSUMED TO RUN  
IN AN EAST/WEST DIRECTION



**APS NOTES:**

1. 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%.
2. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSHBUTTON 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 PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

**TO CROSS SOUTHWAY AT GREENBELT**

- A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
"WAIT TO CROSS SOUTHWAY AT GREENBELT, 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 PERPENDICULAR SIDEWALK RAMP (STANDARD NO. MD 655.11).
- B. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02) (NOTE: SLOPE OF CURB TO MATCH SIDEWALK GRADE).
- C. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
- D. BEGIN 12:1 RAMP.
- E. 48:1 LEVEL LANDING AREA.
- F. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
- G. TIE NEW CURB TO EXISTING CURB AT JOINT.
- H. CUT BACK MEDIAN AND INSTALL NOSED DOWN CURB AND GUTTER.
- J. REPAVE WHERE EXISTING MEDIAN WAS REMOVED.

REDLINE 1  
ADDITION OF SIGNAL TO PROJECT PG8925177

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED

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

LEGEND SYMBOL	
⊙	48" SIGNAL POLE FOUNDATION
⊙	36" SIGNAL 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 FULL DEPTH ASPHALT

**SH&A** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 193 (GREENBELT RD) AND  
SOUTHWAY  
GREENBELT, MD

**GEOMETRIC PLAN SHEET**

SCALE 1" = 10' ADVERTISED DATE 09/2012 CONTRACT NO. PG8925177

DESIGNED BY CW COUNTY PRINCE GEORGE'S  
DRAWN BY CW LOGMILE 16019305.82  
CHECKED BY RM 19 F TMS NO. L274  
F.A.P. NO. TOD NO.

TS NO. 252F DRAWING SG-2 OF 2 SHEET NO. 2 OF 26

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