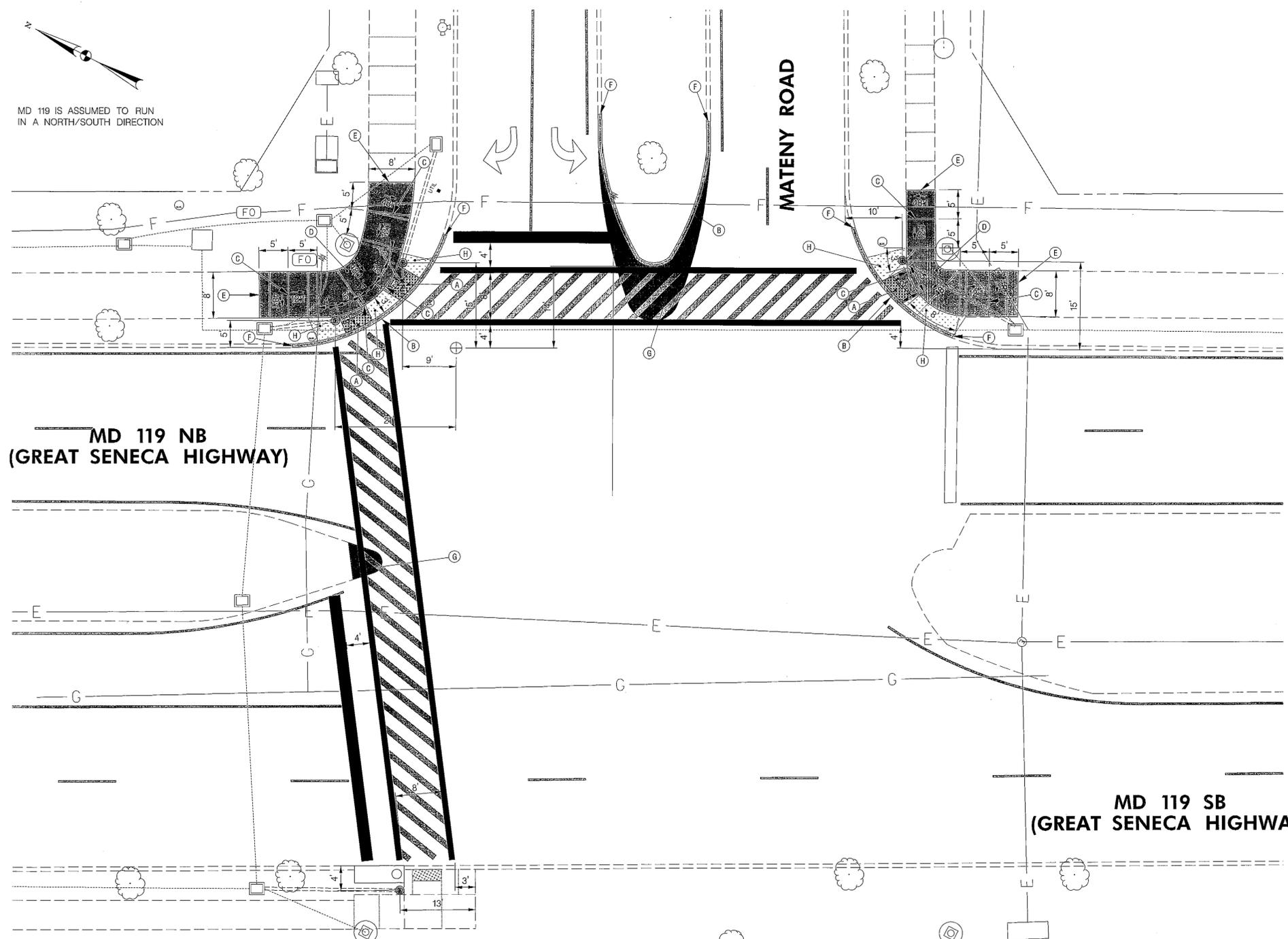


MD 119 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION



APS NOTES:

- 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%.
- THE 10' MINIMUM SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
- PUSHBUTTON 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, SEC. 4E.10, FIG 4E-3, FIG 4E-4, 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.
- APS WILL FUNCTION AS FOLLOWS:

TO CROSS MD 119 AT MATENY ROAD (APS# 10,11)

- WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS GREAT SENECA AT MATENY, 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 MATENY ROAD AT MD 119 (APS# 12,13)

- WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS MATENY AT GREAT SENECA, 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 COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13) WITH A DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
- INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER 12" GUTTER PAN AND 8" DEPTH (STANDARD NO. MD 620.02) (ELEVATION OF CURB TO MATCH SIDEWALK GRADE).
- BEGIN 12:1 RAMP.
- 48:1 LEVEL LANDING AREA.
- TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
- TIE NEW CURB TO EXISTING CURB AT JOINT.
- CUT BACK AND REPAVE WITH ASPHALT.
- BACKFILL WITH 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 CABLES |

| LEGEND SYMBOL | |
|---------------|-------------------------|
| ⊙ | 18" PED POLE FOUNDATION |
| --- | CONDUIT RUN |

| GEOMETRIC LEGEND | |
|------------------|--|
| --- | EXISTING SIDEWALK/CURB JOINT (APPROXIMATE) |
| ▨ | NEW SIDEWALK AND ADA HANDICAP RAMP |
| ■ | NEW ASPHALT |
| ▨ | SEED AND MULCH |

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 119 (GREAT SENECA HIGHWAY) AT
MATENY ROAD
GERMANTOWN, MD

| GEOMETRIC PLAN SHEET | | | |
|----------------------|--------------|-----------------|------------------|
| SCALE | 1" = 10' | ADVERTISED DATE | 03/2013 |
| DESIGNED BY | DM | COUNTY | MONTGOMERY |
| DRAWN BY | DM | LOGMILE | 15011905.07 |
| CHECKED BY | RM | TIMS NO. | L803 |
| F.A.P. NO. | | TOD NO. | |
| TS NO. 10686A | DRAWING SG-2 | OF 2 | SHEET NO. 2 OF 3 |

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