



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

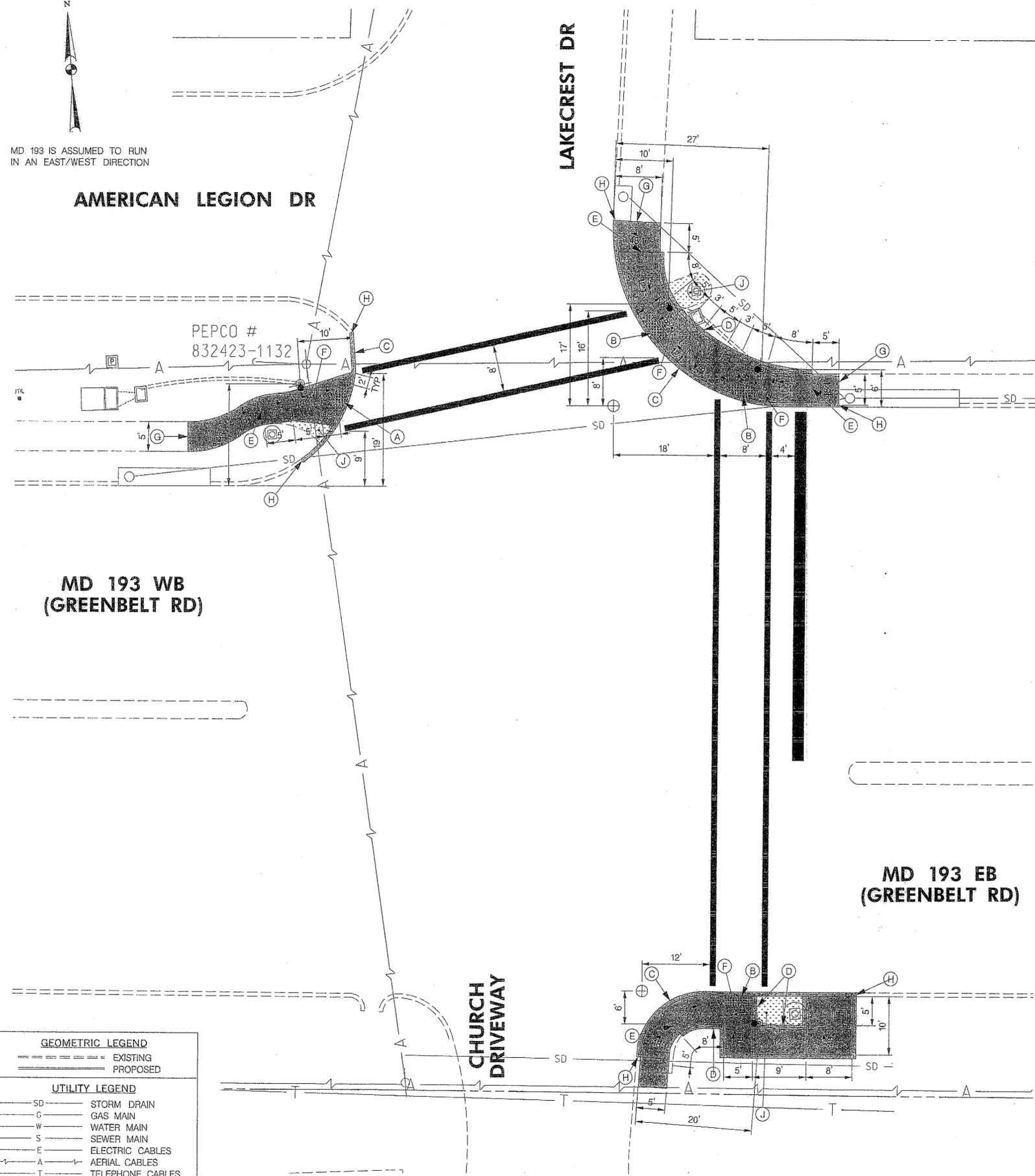
AMERICAN LEGION DR

LAKECREST DR

**MD 193 WB
(GREENBELT RD)**

**MD 193 EB
(GREENBELT RD)**

**CHURCH
DRIVEWAY**



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' 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 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.
- APS WILL FUNCTION AS FOLLOWS:

TO CROSS GREENBELT AT LAKECREST

- WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS GREENBELT AT LAKECREST, 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 LAKECREST AT GREENBELT

- WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS LAKECREST AT GREENBELT, CROSSWALK ANGLES LEFT, 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 PERPENDICULAR SIDEWALK RAMP (STANDARD NO. MD 655.11).
- INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
- INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02) (NOTE: SLOPE CURB TO MATCH SIDEWALK GRADE).
- INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
- 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.
- REMOVE EXISTING SIDEWALK RAMP AND BACKFILL WITH SEED AND MULCH.

REDLINE 1
ADDITION OF SIGNAL TO PROJECT PG8925177

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 W/SIGN AND PUSHBUTTON
⊙	PED SIGN AND PUSHBUTTON
■	HANDHOLE
---	CONDUIT RUN

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

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 193 (GREENBELT RD) AND
LAKECREST DR
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: 16019306.56
CHECKED BY: RM JLF TMS NO.: L274
F.A.P. NO.: TOD NO.:

TS NO. 4363A DRAWING SG-2 OF 2 SHEET NO. 2 OF 2, 6

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