

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

PEPCO #
826423-6475

MD 193 WB
(GREENBELT RD)

PEPCO #
826423-2975

MD 193 EB
(GREENBELT RD)

PEPCO #
826423-3472

MALL ENTRANCE

62ND AVE

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 MALL ENTRANCE

- 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 MALL ENTRANCE, 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 MALL ENTRANCE 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 MALL ENTRANCE AT GREENBELT, 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 62ND 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 62ND AT GREENBELT, 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)
- INSTALL COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13)
- INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02) (NOTE: SLOPE OF CURB TO MATCH SIDEWALK GRADE).
- INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02) (NOTE: SLOPE 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.
- REMOVE EXISTING SIDEWALK RAMP AND BACKFILL WITH SEED AND MULCH.
- CUT BACK MEDIAN AND INSTALL MONOLITHIC CONCRETE MEDIAN TYPE A-3. (STANDARD NO. MD 645.01)
- REPAVE WHERE EXISTING MEDIAN WAS REMOVED.

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

- ⊕ 48" SIGNAL POLE FOUNDATION
- ⊙ 36" SIGNAL POLE FOUNDATION
- ⊕ 18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
- ⊕ PED SIGN AND PUSHBUTTON
- SIGNAL CABINET W/PAD
- HANDHOLE
- === CONDUIT RUN

GEOMETRIC LEGEND

- NEW SIDEWALK AND ADA HANDICAP RAMP
- NEW FULL DEPTH ASPHALT
- 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
62ND AVE
BERWYN HEIGHTS, 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 16019305.45
CHECKED BY RM MF TMS NO. L274
F.A.P. NO. TOD NO.

TS NO. 763C DRAWING SG-2 OF 2 SHEET NO. 1 OF 2

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