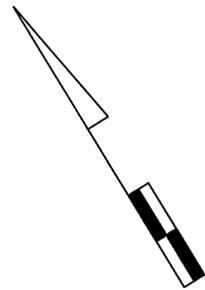


DRILL HOLES

DRILL HOLES

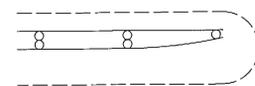
DRILL HOLES

BORDER REV: DATE: June 1, 2004

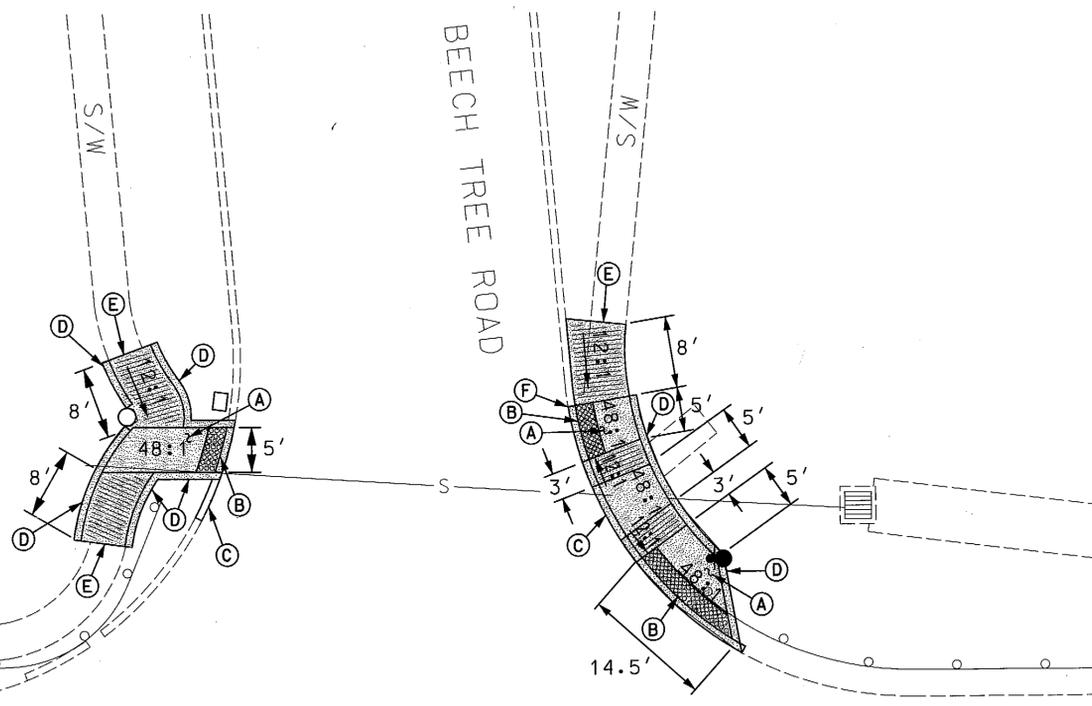


NOTE: MD 190 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

MD 190 (RIVER ROAD) (N.B.L.)



BEECH TREE ROAD



GRASS MEDIAN

MD 190 (RIVER ROAD) (S.B.L.)



NEVIS RD

CONSTRUCTION DETAILS

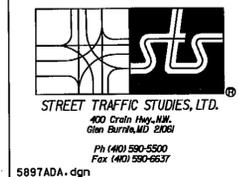
- A. Install parallel sidewalk ramp (Std No. MD 655.12).
- B. Install detectable warning surface (Std NO. MD 655.40).
- C. Install standard Type "A" combination curb and gutter (Std NO. MD 655.02).
- D. Install standard Type "A" curb.
- E. Tie in ramp with existing sidewalk at joint.
- F. Tie new curb to existing curb at joint.
- G. Install 6" curb at the back of the existing sidewalk as shown. (Note: the curb must not interfere with the existing drain grate.)

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 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 RIVER ROAD
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross River at Beech Tree and Nevis wait."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

GEOMETRIC LEGEND

- PROPOSED SIDEWALK / CURB
 - EXISTING SIDEWALK / CURB
 - PROPOSED SIDEWALK / ADA RAMP / CURB
- NOTE:
SIDEWALK JOINTS ARE APPROXIMATE



SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 190 (RIVER RD.) AND
BEECH TREE RD./NEVIS RD.
BETHESDA, MARYLAND

ADA RAMP DETAIL PLAN

SCALE 1"= 10' DATE 2/9/11 CONTRACT NO. XX3545168R

DESIGNED BY J.W.A. COUNTY MONTGOMERY
DRAWN BY D.A.N. LOGMILE 15019012.35
CHECKED BY _____ TMS NO. K514
F.A.P. NO. _____ TOD NO. _____

TS NO. 2540E DRAWING NO. 2 OF 3 SHEET NO. OF

5897ADA.dgn 2/10/2011 2:28:08 PM