SECTION 32 16 14

HORIZONTAL CURB CUTS FOR SIDEWALK RAMPS AND DRIVEWAYS

PART 1 - GENERAL

1.1 DESCRIPTION

A. This section governs horizontal saw cutting and removing and disposing of existing curb for the construction of residential drive approaches and handicap ramps.

B. The curb cut shall be conducted from the street side of the existing or newly placed curb.

C. Horizontal curb cuts are not permitted for commercial drives. All commercial drive approaches shall be constructed by removing the entire curb with a vertical cut 18" from the back of curb.

1.2 MEASUREMENT AND PAYMENT

A. The quantity to be measured for payment shall be the number of linear feet of curb sawcut in accordance with these specifications. No differential in payment will be established for "backcutting" curbs where the existing sidewalk will remain.

B. The unit price bid per linear foot shall include the cost of horizontal saw cutting; removal and disposal of curb; grinding the curb for a smooth finish; repointing and repairing existing curb joints, and furnishing all labor, material and equipment necessary to satisfactorily complete the work.

PART 2 – PRODUCTS

2.1 MATERIALS

A. A diamond blade shall be used for all saw cuts. The saw shall be capable of cutting existing or newly placed curb material to a smooth accurate top face. The saw shall be specifically designed for this purpose. A diamond grinding wheel shall be used for rounding the sawed concrete edges.

PART 3 – EXECUTION

3.1 CONSTRUCTION METHODS

The cut shall be made along neat lines and shall result in smooth edges and top faces. The length of curb face which must be removed shall be sawn full depth horizontally using a diamond saw blade.

The saw cut shall be initiated at an elevation ½ inch above the existing gutter flow line and extend at a slope of ¾ inch per foot upwards and away from the gutter pan (See Horizontal Curb Cut Detail).

Special care shall be taken to insure that there is no disturbance or damage to the existing roadway pavement, sidewalk or curb scheduled to remain. Any damage to remaining pavement, sidewalk and/or curb due to the Contractor's operations shall be repaired at the Contractor's expense.

END OF SECTION