**DISCLAIMER:** The use of this standard is governed by the "Texas Engineering Practices Act," and no warranty of any kind is made by TXDOT for any purpose whatsoever. TXDOT assumes no responsibility for the conversion of this standard into any format, or for incorrect results or damages resulting from its use.

**DATE:**

**FILE:**

**Curb Types**

See CCCG Standard for Curb Types

**PLAN**

Reinforced Concrete or Asphaltic Pavement Mow Strip

**SECTION A-A**

Typical

**GRADING AND MOW STRIP AT GUARDRAIL END TREATMENTS**

Notes Site Conditions may exist where grading is required for the proper installation of metal guard fence and end treatments. Approaching or mow strip may be decreased or eliminated, as directed by the Engineer.

**GENERAL NOTES**

1. This mow strip design is for use with metal beam guard fence, guard fence end treatments, and guard fence end treatments. (See SGT standards for proper SGT installation).

2. Mow strips shall be asphaltic pavement or reinforced concrete, as shown in the plans and shall be paid for under the proper SGT item of work. Asphaltic pavement shall meet the requirements of the item, and be placed in accordance with the pertinent SGT item as shown on the plans. Reinforced concrete shall be placed in accordance with SGT-2255A, "Reinforced Concrete Curb Placement." The use of the proper materials for the reinforcement in the form of synthetic fiber is acceptable, provided the fiber producer is on the Department Material Producer List (DMPL), maintained by TxDOT, Construction Division.

3. The leaveouts behind the post shall be a minimum of 7".

4. The type of approved post will be shown elsewhere in the plans. See the applicable standard sheets for additional details and information.

5. Other curb placement options may be used. Curbs are not considered part of the mow strip and will be paid for under other pertinent SGT items.

6. Depth of mow strip will be 4".

7. The limits of payment for asphaltic pavement or reinforced concrete shall include leaveouts for posts.

8. The leaveouts shall be filled with no more than a 2-sack grout mixture (1 part cement, 5 parts water, and 14 parts sand by volume) with a 28-day compressive strength of approximately 12 psf or higher. Provide a grout that will flow into and completely fill all voids, due to larger leave-out dimensions are acceptable from both an impact performance and maintenance repair standpoint. Suggested maximum leave-out of 20". Payment for furnishing and grading the grout mixture will be subsidiary to the pay Item of rip rap mow strip.

**CURB OPTION (1)**

This option will increase the post embedment through but the system.

**CURB OPTION (2)**

Curbs shown on top of mow strip

**CURB OPTION (3)**

**METAL BEAM GUARD FENCE**

(MOW STRIP)

**MBGF (MS) - 19**