**TYPICAL PLAN VIEW**

- Center line of splice.
- Direction of traffic.
- Terminal connector.
- End payment for Metal Beam Guard Fence transition. Begin payment for Metal Beam Guard Fence, (See MBGF Standard Sheet).

**TYPICAL ELEVATION VIEW**

- 4 - 5/8" dia. (ASTM A325) hex bolts, nuts and washers (ASTM F436).
- 2 - 5/8" dia. x 2" Button head splice bolts with double recessed nuts (See General Note 3).
- Chamfer required on concrete rolls that extend beyond the face of the guardrail transition.

**SECTION A-A**

- 7/8" Button head post bolt with nut & washer (See General Note 3).
- Terminal connector.
- Wood block to rectangular wood post.

**GENERAL NOTES**

1. The type of post (round wood post, rectangular wood post, or steel post) will be shown elsewhere in the plans. The exact details of transitions shall be shown elsewhere in the plans as directed by the Engineer.

2. Rail element shall meet the requirements of Item 540, “Metal Beam Guard Fence” except as modified on the plans.

3. Button head “post” bolts (ASTM A325) shall be of sufficient length to extend through the full thickness of the rail, washers, and nuts. Chamfer on concrete roll that extends beyond the face of the guardrail transition.

4. Button head “post” bolts (ASTM A325) shall be of sufficient length to extend through the full thickness of the rail, washers, and nuts. Chamfer on concrete roll that extends beyond the face of the guardrail transition.

5. Chamfer on concrete roll that extends beyond the face of the guardrail transition.

6. Rail element shall meet the requirements of Item 540, “Metal Beam Guard Fence” except as modified on the plans.

7. Posts shall not be set in concrete unless otherwise shown in the plans. A composite material post and/or block shall meet the requirements of DMS-7210, “Composite Material Posts and Blocks for Metal Beam Guard Fence” which may be substituted for posts and/or blocks of similar dimensions. The Construction Division, TxDOT, maintains a Material Producer List (MPL) for producers of materials and/or blocks conforming to DMS-7210. Only producers on the MPL can furnish composite material posts and/or blocks.

8. Unless otherwise shown in the plans, a composite material post and/or block shall meet the requirements of DMS-7210, “Composite Material Posts and Blocks for Metal Beam Guard Fence” which may be substituted for posts and/or blocks of similar dimensions. The Construction Division, TxDOT, maintains a Material Producer List (MPL) for producers of materials and/or blocks conforming to DMS-7210. Only producers on the MPL can furnish composite material posts and/or blocks.

9. Fittings (bolts, nuts, and washers) shall be galvanized in accordance with Item 458, “Galvanizing.” Fittings shall be subsidiary to the bid item requiring construction of the transition.

10. Chamfer on concrete roll that extends beyond the face of the guardrail transition.

**TERMINAL CONNECTOR**

- Only for use with MBGF connections to concrete bridge rails and barriers.

**NOTES:**

- TxDOT assumes no responsibility for the conversion of this standard to other units or formats or of incorrect results or damages resulting from its use.
- The use of this standard is governed by the “Texas Engineering Practice Board Rules of Practice” without warranty of any kind is made by TxDOT for whatever purpose what so ever.