GENERAL NOTES:
1. No fixed objects are allowed closer than 4" O.D. from the back of the guardrail.
2. Use a post spacing of 6' 0" when there are no fixed objects within 5' 0" from back of guardrail and the backstop is 54" or higher.
3. Use a post spacing of 4' 0" when there are fixed objects within 4' 0" to 5' 0" from the back of guardrail or when backstoppers are steeper than 54.
4. Shop form guardrail or curvilinear having a radius of less than 717.
5. Steel tube for box beam guardrail must conform to ASTM A500 Grade B or ASTM A501.
6. Steel bolts and nuts for splice plates and box beam guardrail connections must conform to ASTM A325 for bolt and ASTM A563 Grade 4A for nuts. All other bolts, nuts and washers shall meet ASTM A 193 B.
7. No galvanizing permitted between splice plates and box beam guardrail.
8. Mount guardrail reflectors at 48'' centers beginning with the first post. Use Type A Reflectors unless shown otherwise on the plans.
9. Provide reflectors meeting the requirements of Section 6.06 of the Standard Specifications.
10. All barrier hardware as shown in JRT&G’s “Guide to Standardized Highway Barrier Rail Hardware” is acceptable. Designators given when possible in parentheses.
11. See Standard Drawing G-00 for hardware details.
12. Select rail lengths compatible with the post spacings shown on the plans or as indicated in Notes 2 and 3.

DESIGN NOTES:
1. Box beam guardrail requires a minimum 125° development length.