The guardrail anchor assembly shall consist of a 1/2"-13 hold-down plate and 6 3/8" bolts with nuts and washers, hot-dipped and adhesively anchored bolts.

The hold-down plate shall conform to Grade 36, hot-dipped and adhesively anchored to the rail using three 3/8" x 6" adhesively anchored bolts. The use of this alternate shall be approved by the engineer.

The guardrail anchor assembly is required at all points where approach guardrail is to be attached to the end of barrier rail before points of attachment. See sketch.

After installation, the exposed thread of the bolt shall be buried with a sharp pointed tool.

The cost of the guardrail anchor assembly shall be included in the unit contract price and paid for concrete barrier rail.

The holes shall be formed or drilled with a core bit. Impact tools shall not be used. Any concrete damaged by this work shall be repaired to the satisfaction of the engineer.

The cost of the guardrail anchor assembly is required to be attached to the rail. The holes shall be formed or drilled with a core bit. Impact tools shall not be used. Any concrete damaged by this work shall be repaired to the satisfaction of the engineer.

The 3 1/4" holes shall be formed or detailed with a core bit. Impact tools shall not be used. Any concrete damaged by this work shall be repaired to the satisfaction of the engineer.

The guardrail anchor assembly shall be adhesively anchored to the rail. The holes shall be formed or detailed with a core bit. Impact tools shall not be used. Any concrete damaged by this work shall be repaired to the satisfaction of the engineer.

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