**PLAN**

**APPLICATION:** This drawing details the 25'-0" Long-span Guardrail cross section option, which meets the requirements of NCHRP 350 Test Level 3. 25'-0" spans may be eliminated such that a maximum of one rail splice is provided within the unsupported length. A 25'-0" length of nested W-Beam rail may be used to eliminate a splice when 25'-0" long rail elements are used throughout the guardrail run.

**CRT POSTS:** For Details see SCD GR-1.1. Place holes parallel to traffic. The CRT posts should have a 3'-7" embedment depth.

**COVER DEPTH:** This depth is measured at the locations of the missing posts. For cover depths greater than or equal to 2'-6", see SCD GR-2.2.

**FLARED ENDS:** Install the system with either one or both ends flared away from the traveled way. For locations where a guardrail flare will be used, the minimum recommended length of tangent section adjacent to the culvert exit is 50'.

**FLARED ENDS:** Install the system with one end flared away from the traveled way to satisfy NCHRP 350 Test Level 3. See SCD GR-1.1 for details.

**MATERIALS:** All posts, blockouts, rails, and hardware shall comply with Item 605, Guardrail Type 5, as detailed on SCD GR-1.1 except as noted. For other details not shown, see SCD GR-1.1.

**PAYMENT:** Item 605 - Guardrail, Type 5, 25' Long-Span is paid for in Feet for the length specified in the plans and includes the double rail elements, block outs, posts, and the other hardware, materials and labor required to construct the guardrail as shown.