

Maine Department of Transportation
 Field Inspection of Valtir's
 SRT 350-31SP Terminal Ends on Maine Highways

Project No.		Date		Inspector	
LAT		LONG		Installer	Repairs Only

Ensure that proper installation procedures were used during initial installation and/or maintenance:

Scoring

- 1 - Meets all requirements and within tolerances**
- 2 - Meets all but one of the requirements and/or within 1in. of tolerances**
- 3 - More than one part of the criteria not met and/or more than an 1in. outside tolerances**

1. The finished guardrail height is approximately 31" above the finished grade.
Score _____
2. The ears of the bottom CR posts do not protrude more than 4" above the finished grade measured by the AASHTO 5'0" cord method. Site grading may be necessary to meet this requirement.
Score _____
3. The anchor cable is taut and correctly installed (the cable should be rechecked after installation to be sure it hasn't relaxed). The taut cable does not deflect more than 1 inch, when pressure is applied by hand in an up or down direction.
Score _____
4. The rail panel is not attached to the post at locations 2, 3, 4, and 5.
Score _____
5. No rectangular washers are used on the face of the rail.
Score _____
6. Slot Guards are in place against the backside of the guardrail panels with the deflector angle gap opening toward (closest to) the elongated slots. Slot Guard attachment holes are at the end of the slots away from Post 1. The slots are between Posts 1 and 2, Posts 2 and 3, Posts 3 and 4, and Posts 4 and 5.
Score _____
7. Rail panels are oriented correctly and lapped in the direction of traffic unless the agency's policy dictates otherwise.
Score _____
8. If backfilled, the backfill material around the posts is properly compacted.
Score _____
9. The SYT posts (Posts 2 through 6) have four yielding holes. They are located parallel to the roadway with the center of the holes located approximately at the finished grade.
Score _____
10. The recesses around posts are filled with state approved backfill material that will not prevent movement, for any posts installed in rigid pavement such as any thickness of concrete or asphalt more than 2 inches in thickness.
Score _____
11. No blockouts on any of the posts.
Score _____
12. A ground strut is secured between posts #1 & #2 outside the post plate (ear of Post 1 and the backside of the SYT post at Post 2)
Score _____
13. The slope of the area immediately behind the guardrail widening is a 3:1 or flatter.
Score _____

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SRT-350

The Slotted Rail Terminal (SRT-350TM) is a gating, flared end terminal and is available in a 6-Post Steel Post System

The **SRT Steel Post System** has:

- 2 steel breakaway posts
- 4 wood CRT posts and is
- Installed in a straight-line flare. The straight-line flare offers a simple layout on new installations. Steel breakaway posts that are typically reusable after NCHRP Report 350 criteria impacts.