

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-350™) 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.