Maine Department of Transportation
Field Inspection of Trinity Highway's
Max-Tension TL2 System End Terminals on Maine Highways

Project No.		Date		Inspector	
LAT		LONG		Installer	

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 rail height as measured from the finished grade to the top of rail is 31" ± 1"
   Score ___

2. The cable closest to the traffic side of the system passes through bottom hole on impact head.
   Score ___

3. Cable sleeves are at the front of the system. The sleeves shall rest a minimum of 6 inches below the impact head.
   Score ___

4. No blockout at post 1.
   Score ___

5. Slot on post 1 is on the upstream end of the system.
   Score ___

6. Guardrail nuts on impact head are on the outside.
   Score ___

7. Rectangular washer and square washer used at post 1.
   Score ___

8. Friction plate is installed inside impact head with cables in the proper position.
   Score ___

9. Friction plate is turned to engaged position with cables in the proper position.
   Score ___

10. Friction plate bolts are completely tightened with cables in the proper position.
    Score ___

11. Impact head spliced to rail 1 with guardrail nuts on outside.
    Score ___

12. Slider Joint - traffic side slider (TSS) should be attached to the downstream end of rail 1 with nuts on the traffic side and arrow pointing toward the front of the system.
    Score ___

13. Slider Joint - inner side slider (ISS) should be attached to the upstream end of rail 2 with nuts on the non-traffic side.
    Score ___

14. Slider Joint - rear side slider (RSS) should be attached with nuts on the non-traffic side and arrow pointing toward the front of the system.
    Score ___

15. 8 bolts should connect the TSS to the RSS and should pass from the TSS to the RSS.
    Score ___

16. The tooth is installed and engaged in the slot at the slider joint.
    Score ___

17. TSS and RSS arrows should be aligned so as to see through them when installed.
    Score ___

18. Tooth should be oriented with RSS engagement hook facing front of system.

Score ___

19. Cables should be taut and not visibly sagging.
    Score ___

20. System installed without offset or of ≤ 2 ft.
    Score ___

21. All guardrail panels should be lapped with the upstream most rail on the outside. Rail 1 over rail 2, rail 2 over existing rail.
    Score ___

22. Post spacing should be 75” at top of the post for all system spaces except space between posts 1-2, and 3-4.
    Score ___

23. Space between posts 1-2 should measure 37 ½ ” at the top of the posts
    Score ___

24. Space between posts 3-4 should measure 72 ¾” at the top of the posts
    Score ___

25. Two washers are installed at the base of post 1 connecting post 1 to the ground strut.
    Score ___