

X-TENSION PARALLEL AND FLARED 31” INSPECTION CHECKLIST

Inventory ID	District	County	State Road Number
Section	Sub-Section	Roadway ID	Mile Post

Compliant		Guardrail Terminal Element
YES	NO	
		1. Rail is bolted at all posts except post 3.
		2. Post 1, post bolt notches face impact head. Bolted to ground strut.
		3. Post 3 to 6 standard steel posts (or timber CRT posts).
		4. Friction plate is turned fully and bolted in place.
		5. Nuts are fitted on traffic face of rail at impact head.
		6. Nosing is fitted to impact head.
		7. Ground Strut lays flush with ground. Front of ground strut should be level or lower at the anchor end than at the post end.
		8. Ground anchor does not protrude more than 100mm (4 in) [preferred 75mm (3 in)] above the ground.
		9. The entire Terminal End (11.4m; 38 ft) is installed straight with flare as per design (offset between 0 to 1.2m) (0 to 4 ft).
		10. Slider Panel is connected to end of first rail. All 4 holes bolted with nuts on traffic face.
		11. Slider Bracket affixed to back of rail 2, with 4 bolts and nuts on backside of rail.
		12. Angle bar is fitted closest to impact head end. Bolts MUST be wrenched tight.
		13. Guardrail for terminal end (i.e. 3 lengths) is 2.7mm (12 gauge) highway rail.
		14. Yellow Shear Bolts correctly installed at post 5 (washer only between nut & rail).
		X-Tension Median Application only - as above plus:
		15. Yellow Shear Bolts are correctly installed at post 5.
		16. Slider Panel is bolted to end of first rail. All 4 holes bolted with nuts on traffic face.
		17. Slider Bracket affixed to back of rail 2, with 4 bolts and nuts on backside of rail.
		18. Angle bar is fitted closest to impact head end. Bolts MUST be wrenched tight.

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Compliant		Guardrail Terminal Element
YES	NO	
		19. Post bolt at post 2 is in notched post flange and fixed with 50mm x 50mm (2 in x 2 in) washer and nut.
		20. Secondary Impact Head is connected to main impact head.
		21. Additional Guardrails are 2.7mm (12 gauge) highway rail.

Inspector #1 Name:	Signature:	Date:
Inspector #2 Name:	Signature:	Date: