

TEST LEVEL	TYPE OF RAIL	CRASH TEST ¹	MAXIMUM DYNAMIC DEFLECTION ²
TL-3	Guardrail, 6'-3" Post Spacing	2	4.30 ft
TL-3	Guardrail, 3' 1 1/2" Post Spacing	2	3.30 ft
TL-3	Guardrail, 1'-6 3/4" Post Spacing	2	2.80 ft
TL-4	Guardrail, Thrie-Beam, 6'-3" Post Spacing	2	3.75 ft
TL-3	Guardrail, Thrie-Beam, 3' 1 1/2" Post Spacing	1	3.00 ft
TL-3	Guardrail, Thrie-Beam, 1'-6 3/4" Post Spacing	1	2.50 ft
TL-3	Guardrail, Type B, 12'-6" Post Spacing	1	7.55 ft
TL-3	Guardrail, Type B, 6'-3" Post Spacing	1	4.30 ft
TL-3	Guardrail, Type B, 3'-1 1/2" Post Spacing	1	3.30 ft
TL-3	Guardrail, Type B, 1'-6 3/4" Post Spacing	1	2.80 ft
³	Concrete Barrier	1	0.00 ft

Notes:

1. The crash test is designated as follows:

- 1 - Based on 4470-lb sedan, 60 mph, 25-deg impact angle
- 2 - Based on 4400-lb pickup, 62 mph, 25-deg impact angle

2. Maximum dynamic deflection width is measured from the front face of the barrier in its correct location to the front face of the barrier once it is deflected.

3. Concrete barrier of 2'-9" height is TL-4. Concrete barrier of 3'-9" height is TL-5.

BARRIER DEFLECTIONS

Figure 49-4A