

TEST LEVEL ¹	TYPE OF RAIL	CRASH TEST ²	MAXIMUM DYNAMIC DEFLECTION ³
TL-3	Guardrail, 1.905-m Post Spacing	2	1.0 m
TL-3	Guardrail, 0.955-m Post Spacing	2	0.6 m
TL-3	Guardrail, 0.475-m Post Spacing	2	0.4 m
TL-4	Guardrail, Thrie-Beam, 1.905-m Post Spacing	2	0.9 m
TL-3	Guardrail, Nested, Over Low-Fill Culvert	1	1.1 m
TL-3	Guardrail, Type B, 3.810-m Post Spacing	1	2.3 m
TL-3	Guardrail, Type B, 1.905-m Post Spacing	1	1.3 m
TL-3	Guardrail, Type B, 0.955-m Post Spacing	1	1.0 m
TL-3	Guardrail, Type B, 0.475-m Post Spacing	1	0.8 m
*	Concrete Barrier	1	0.0 m

Notes:

¹ Test Level is that designated in National Cooperative Highway Research Program Report 350.

² Crash tests are designated as follows:

1 - Based on 2040-kg sedan, 96.5 km/h, 25° impact angle

2 - Based on 2000-kg pickup, 100 km/h, 25° impact angle

³ Measured from the face of the guardrail to the face of the fixed object.

* Concrete barrier of 840-mm height is Test Level 4 (TL-4). Concrete barrier of 1045-mm height is TL-5.

BARRIER DEFLECTIONS

Figure 49-5A