

Railing Designation	TS-1 *	PF-2	PS-2	TX **
Height Designation	Common	Pedestrian	Pedestrian	Pedestrian
Mounting Location	On bridge coping	Flush with bridge deck	Atop sidewalk of minimum 1.5 m (5 ft) width	Either atop sdwk. of 1.5 m (5 ft) min. width, or flush with bridge deck
Railing Element	Thrie-beam with steel posts	2 steel tubes with steel posts on concrete parapet	2 steel tubes with steel posts on concrete parapet	Concrete
Total Height	840 mm (33 in.)	1070 mm (42 in.)	1070 mm (42 in.)	1070 mm (42 in.)
Br. Rlg. Standard Drawings	n/a	706-BRPP-02, and -05, -06	706-BRPP-04 through -06	706-BRTX-01 through -04
Bridge Railing Transition	none	TPF-2	TPS-2	TTX
Br. Rlg. Trans. Standard Drawings	n/a	706-TTBP-03 and -04	706-TTBP-07 and -08	706-TTTX-01
Guardrail Transition	TGS-1	TGB	TGB	TGB
Gdrl. Trans. Standard Drawings	n/a	601-TTGB-01 through -05	601-TTGB-01 through -05	601-TTGB-01 through -05

* Bridge railing type **TS-1** may be used only on a local-public-agency collector or local road. Details for the bridge railing and transition are shown on in the INDOT Recurring Plan Details.

** Bridge railing type **TX** should be considered for an aesthetically-sensitive area.

BRIDGE RAILING TYPES (Test Level 2)

Figure 61-6B

Railing Designation	none	TR ***	CF-1	PS-1	PF-1
Height Designation	Common	Common	Common	Pedestrian	Truck
Mounting Location	Flush with bridge deck	On existing concrete parapet	Flush with bridge deck	Atop sidewalk of minimum 1.5 m (5 ft) width	Flush with bridge deck
Railing Element	Concrete, shape F	Thrie beam with steel posts	2 steel tubes with steel posts on concrete curb	1 steel tube with steel posts on concrete parapet	1 steel tube with steel posts on concrete parapet
Total Height	840 mm (33 in.)	860 mm (34 in.)	900 mm (35 in.)	1070 mm (42 in.)	1270 mm (50 in.)
Br. Rlg. Standard Drawings	706-BCBR-01 through -04	706-TBRC-01, -02, -03; -TBRE-01; -TBRF-01, -02	706-BRTM-01 and -02	706-BRPP-03, and -05, -06	706-BRPP-01, and -05, -06
Bridge Railing Transition	TBC	none	none	TPS-1	TPF-1
Br. Rlg. Trans. Standard Drawings	706-CBRT-01 through -03	n/a	n/a	706-TTBP-05 and -06	706-TTBP-01 and -02
Guardrail Transition	TGB	TGB	TGT	TGB	TGB
Gdrl. Trans. Standard Drawings	601-TTGB-01 through -05	601-TTGB-01 through -05	601-TTGT-01 and -02	601-TTGB-01 through -05	601-TTGB-01 through -05

*** Bridge railing type TR should be used only to replace existing aluminum bridge railing where no other modifications to a bridge are to be made, either as a spot improvement or within the limits of a 3R or 4R project.

BRIDGE RAILING TYPES (Test Level 4)

Figure 61-6B (Cont'd.)

Railing Designation	none	TF-2
Height Designation	Truck	Truck
Mounting Location	Flush with bridge deck	Flush with bridge deck
Railing Element	Concrete, shape F	2 steel tubes with steel posts on concrete parapet
Total Height	1145 mm (45 in.)	1270 mm (50 in.)
Br. Rlg. Standard Drawings	706-BCBR-02, -03, and -04	706-BCTF-01 through -10
Bridge Railing Transition	TBT	PBT
Br. Rlg. Trans. Standard Drawings	706-CBRT-01, through -03	706-TPBT-01 through -09
Guardrail Transition	TGB	TGB
Gdrl. Trans. Standard Drawings	601-TTGB-01 through -05	601-TTGB-01 through -05

**BRIDGE RAILING TYPES
(Test Level 5)**

Figure 61-6B (Cont'd.)