

**TEXAS DEPARTMENT OF TRANSPORTATION**  
**TECHNICAL PROVISIONS**  
**FOR**  
**SH 99 GRAND PARKWAY SEGMENTS H, I-1 AND I-2**

**ATTACHMENT 13-1**  
**TXDOT STANDARD BRIDGE RAILING**

**APRIL 30, 2015**

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Table 1 lists currently approved TxDOT Bridge Railing Standards:

**Table 1: TxDOT Standard Bridge Railing**

<b>TRAFFIC RAILS</b>		
<b>Rev Date</b>	<b>Std Name</b>	<b>Description</b>
05-11	T1F	Stl Post w/Alum Tube & Opt Curb Drains (33" tall)
05-11	T1W	Stl Post w/Stl Tube & Opt Curb Drains (32" tall)
04-09	T101	Steel Post with W-Beam (27" tall)
05-11	T221	Concrete Parapet (32" tall)
05-11	T223	Conc Bm & Post w/6' Openings (32" tall)
05-11	T401	Concrete Parapet w/Stl Post and Rail (33" tall)
05-11	T402	Concrete Parapet w/Stl Post and Rail (42" tall)
05-11	T411	Conc Traf Rail w/Windows(Tx Classic)(32" tall)
05-11	T551	Concrete Safety F-Shape (32" tall)
05-11	T552	T551 w/Multiple Drain Slots (32" tall)
04-09	T6	Steel Post w/Doubled W-Beams (27.125" tall)
05-11	T66	Conc Bm, Post & Curb w/5.25' Max Open (32" tall)
05-11	SSCB	Single Slope Concrete Barrier, Type 1 (42" tall)
05-11	SSTR	Conc Single Slope Traffic Rail (36" tall)
<b>COMBINATION RAILS</b>		
<b>Rev Date</b>	<b>Std Name</b>	<b>Description</b>
05-11	C1W	Steel Post w/Stl Tube & Opt Curb Drain (42" tall)
05-11	C221	T221 w/Steel Pipe Rail (42" tall)
05-11	C223	T223 w/Steel Pipe Rail (42" tall)
05-11	C402	T402 w/Steel Pipe Rail (42" tall)
05-11	C411	Comb Rail w/windows (Tx Classic) (42" tall)
05-11	C412	Conc Comb Rail w/Windows (TL-4) (42" tall)
<b>MISCELLANEOUS RAILS</b>		
<b>Rev Date</b>	<b>Std Name</b>	<b>Description</b>
05-11	C-RAIL-R	Retrofit Guide for Concrete Rails
04-09	T101RC	Retrofit Guide for T101 on Curbs
04-09	T1-101R	Retrofit (Convert T1 to T101)
04-09	T2/T201TR	Guide for T2/T201(Retrofit Thrie-Beam Transition)
04-09	T202TR	Guide for T202 (Retrofit Thrie-Beam Transition)
05-11	TRF	Traffic Rail Foundation
04-09	PR1	Pedestrian Rail,Steel Pipe (42" tall)
05-11	PR2	Pedestrian Rail,Steel Pipe on Parapet (42" tall)
04-09	PR3	Pedestrian Rail,Steel and Conc (43.75" tall)
04-09	PR3-HD	Handrail Details for PR3 Pedestrian Rail
04-09	CLF-RO	8 Ft Chain Link Fence for Railroad Overpass
05-11	C-RAIL-R	Retrofit Guide for Concrete Rails