

I Girders, Recommended Span Lengths for LRFD

Beam Type	Beam Depth	¹ Approx Structure Depth	Use
TX28	28 in.	38 in.	Economical span limit is 70 ft. Spans should not exceed 80 ft.
TX34	34 in.	44 in.	Economical span limit is 80 ft. Spans should not exceed 95 ft.
TX40	40 in.	50 in.	Economical span limit is 95 ft. Spans should not exceed 105 ft.
TX46	46 in.	56 in.	Economical span limit is 105 ft. Spans should not exceed 120 ft.
TX54	54 in.	64 in.	Economical span limit is 125 ft. Spans should not exceed 140 ft.
TX62	62 in.	72 in.	Economical limit is 135ft. Spans should not exceed 150 ft.
TX70	70 in.	80 in.	Economical limit is 145 ft. Spans should not exceed 150 ft due to handling constraints.

¹Approx Structure depth is Beam Depth plus 8" minimum slab plus 2" estimated haunch.