

I Beams, Recommended Span Lengths for LRFD

Beam Type	Beam Depth	¹ Approx Structure Depth	Use
Type A	28 in.	38 in.	Economical span limit is 50 ft. Spans should not exceed 55 ft.
Type B	34 in.	44 in.	Economical span limit is 60 ft. Spans should not exceed 75 ft.
Type C	40 in.	50 in.	Economical span limit is 80 ft. Spans should not exceed 90 ft.
Type IV	54 in.	64 in.	Economical span limit is 115 ft. Spans should not exceed 130 ft.
Type VI	72 in.	82 in.	Economical limit is 130ft. Spans should not exceed 150 ft due to handling constraints.

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