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concrete is very much powerful in
compression. Many of the
structures in the whole world are
made of steel.

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strength, stiffness and toughness
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Category: Structural Steel

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ranges from $1 / 60$ to $1 / 80$ the main span and is usually 8 to 14 ft, averaging 11 ft. Live-load deflections usually range from $1 / 400$ to $1 / 500$ the span.

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I have a background in both Architecture and Structural Engineering, with a First Class Degree and a Diploma in Architecture from the Bartlett School of Architecture and a PhD in the field of Structural

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Structural engineering is a sub-
discipline of civil engineering in
which structural engineers are

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trained to design the 'bones and muscles' that create the form and shape of man-made structures. Structural engineers need to understand and calculate the stability, strength and rigidity and earthquake of built structures for buildings and nonbuilding

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Structural engineering - Wikipedia
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Civil Engineering and Structural
Engineering have several
differences. Sources of main
differences between structural
engineering and civil engineering
are definition, education, type of
work, jobs, etc. In the following

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table the main differences between Civil Engineering and Structural Engineering are given:

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properties of steel is its ability to
change shape on the application of
force to it, without resulting in a
fracture. This property is known

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Malleability

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