

# COMPARISON OF FLAT-SLAB AND BEAM-SLAB FLOOR

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## ABSTRACT

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Slabs are very importance for construction site. Because, the slab can transfer all the loading from one elements to another elements. Like common, reinforced concrete slabs are used in floors, roofs and walls of building and as the decks of bridges.

In this project, I would like to make a comparison about two type of slab that is Beam Slab & Flat Slab. So, I will try to make the reader to know what is Beam Slab & Flat Slab.

Beam Slab is a slab that should in principle be designed to withstand the most unfavorable arrangements of loads in the same manner as beam. Because there are greater opportunities for redistribution of loads in slabs.

Flat Slab floor is a reinforced concrete slab supported directly by concrete column without the use of intermediary beam. The slab may be of constant thickness throughout or in the area of the column it may be thickness as a drop panel.