



## Prestressed Precast Elements



Prestressed Precast Beams production is an innovative technique used in fast track construction. They overcome concrete's normal weakness in Tension and are a practical solution capable of withstanding high loads, making them ideal for building and civil engineering structures. These techniques are highly effective in the prefabrication of bridges and one of the preferred accelerated bridge construction methods.

### Advantages

- Complete structural system
- Larger spans, fewer columns, with reduced height
- Reduced time and cost (no formwork)
- Straight forward connection design
- Reduced skilled labor required on site, easy to install

### Precast Elements

Precast concrete manufacturers provide an elegant and efficient solution for many concrete elements such as:



- Lintels



- Stair wells and stair flights (including stair landings, treads and stringers)





## References.

Precast



DBA1, DBA2 & DBA3 (NOOR Gardens)

Bridge



ZAHRANI

Prefab Room



Abillama

Precast



AUB - Charles Hostler

Precast Concrete Windows



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