

GREEN PROJECTS: EXAMPLES OF A BUILDING AND A BRIDGE

Maresh TANDON

Managing Director, Tandon Consultants Pvt. Ltd, India

ABSTRACT:

Sustainable construction is the key to the future and “green” projects are at the core of such endeavors. This paper gives the highlights of two projects where “green” concepts were successfully employed. The first project is a pre-eminent example of international collaboration of the structural engineer and the architect. It demonstrates how fantasy-like imagination of the architect can be translated into real structures. The second project is a case study of how a complex traffic interchange can also cater to highly mixed traffic like 3 wheelers, 2 wheelers, cyclists and pedestrians apart from light and heavy vehicles and can be constructed without aggravating the existing scenario.

Keywords: Sustainability, Concrete, Composite, Heritage, Sikh, Interchange, Urban, Green, Aesthetics, Traffic Interchange, Architecture