

Dynamic Lane Reversal in Traffic Management

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Abstract: Investigate the properties of concrete in order to understand the change in properties of concrete using recycled concrete aggregate (RCA) with addition of glass fiber in this research study. In this research study normal concrete cubes and glass fibers concrete cubes were prepared to differentiate it easily. In this research glass fiber is used at different ratios with respect to cement ratios to prepared the cubes having size of 6" x 6" x 6" were prepared and cured it properly at curing tank. After this the cubes were tested at compression testing machine at different days like 14, 21 and 28 days accordingly. The ratio of glass fiber were used at 3, 6 and 10%. Compressive strength of both normal and fiber cubes were used to differentiate between it on different days.

Keywords: recycled concrete aggregate