

## Abstract Details

**Title:** Unconventional Intersection Design for Improving Traffic

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**Abstract:** In today's economic growth the vehicular traffic is increasing day by day, which leads to failure of intersections before their time period. To increase the efficiency of these failed intersections the engineers added lanes to the existing major and minor roads, but this method do not give results which it used to deliver in the past, hence other methods were adopted. So to increase the efficiency and fulfil the criteria for successful intersection ,to cape with it several intersection are designed which are unconventional in nature like jug handle, bow tie, continuous flow intersection and median u turn which are very effective in increasing green time on highway and minor roads. The software used in this study is autocad for planning and drawing purpose which can be used in simtraffic software which will be used for simulation purpose of the traffic flow on different designs of intersections. The factors which are considered in this study are -location of town centre, population of the zone and driver expectancy. The final conclusion of this study is that continuous flow intersection provides the best results when the traffic is increased. The construction cost is least in median u turn and giving maximum result than all other intersections.

**Keywords:** Traffic, Intersection Design, economic growth.