

Abstract

Behaviour of a driver plays an important role in area of traffic sciences. It is very difficult to study the microscopic behaviour of the driver. Few microscopic studies have already been developed. Very few studies are carried out on the impact of road geometry on driving behaviour. In this thesis, an attempt is made to study the impact of road geometry on driver's actions. An attempt is also made to see whether the results of the experiments validate the model developed by Chakroborty et al [1]. The data requirement was such that the use of GPS became eminent.