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## A Review on Spot Speed Survey of Maharashtra State Highway (SH-264) and National Highway (NH-44)

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Abstract: The spot speed study concentrates on measuring the speed characteristics at predetermined areas under the natural conditions. The spot speed studies are coordinated to assess the movement of rates of vehicles in a surge of activity at a particular region on a roadway. Designing and construction of a road involves estimation of traffic volume and setting up ideal speed for the vehicles to travel in a comfortable way. Now days, due to rapid increase in volume of traffic the designed speed on high ways could not be maintained resulting a delay in reaching target point. Our project also involves survey of spot speed of vehicles near a school zone. This helps us to recommend changes to the existing system. These recommendations may involve establishments of precautionary sighs like school zone, speed limit etc. This study includes the traffic volume and check the time to reach the target in off-peak timing on a highway Chandrapur-Ballarshah (SH264), Nagpur-Deolapar (NH44). The conclusion of the project is the solution to problems faced in chandrapur-ballarshah and Nagpur-deolapar Road journey by checking personally and taking feedback off public using the highway.

Keywords: Spot Speed Study

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