Department : **Civil**

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Guided By

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Project Title

BLACK SPOT IDENTIFICATION AND IMPROVEMENT ON SH-41 BETWEEN UNJHA TO MEHSANA

Abstract:

Transportation contributes to the economic, industrial, social and cultural development of any country. Transportation by road is the only mode which could give maximum service to one and all. Due to the increase in population, number of vehicles is increasing day by day which leads to the increase in road network. It has been estimated that over 30,000 persons die and over 10 to 15 million persons are injured every single year in road accidents throughout the world. An accident black spot is a term used in road safety management to denote a place where road traffic accidents have historically been concentrated. It may have occurred for a variety of reasons. The present work is intended to identify various black spots (accident prone location) on SH-41 UNJHA TO MEHSANA ROAD. For this purpose, the road accident data for the years 2011, 2012 and 2013 considering accident particulars like date, location, and type of vehicle involved, number of persons injured or died are collected. The data were analyzed for different parameter and black spot were identified from the analytical process. For the identified black spot, we measured in the accident prone locations to find out the causes for the accident. Based on the result, suggestions will be provided to reduce the accidents in the future. The whole accident mitigation process is referred as black spot improvement

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