

# TRAFFIC MANAGEMENT NEAR & AT WORK ZONE

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In recent years the ownership of private vehicles has increased many folds, which is causing difficulty in management of Traffic. Traffic management is the focus area for most urban dwellers and planners. Some of the main concerns for traffic management of big cities is traffic congestion and avoidance which mainly occurs near & at working zone, as these issues cause huge damages on both personal and environmental level. In India Traffic Management is rarely conducted during construction. It should be done to reduce numerous problems related to traffic and safety at working site. There are various methods available for traffic management such as video data analysis, infrared sensors, inductive loop detection, wireless sensor network, etc. All these methods are effective methods of smart traffic management. For that study of traffic volume, topography, accident study, time delay study & the study of safety provided at working area is mandatory to do. Implementation of metro rail projects paves way to the construction activities and in this process long term construction work zones are inevitable. Long term work zones on urban roads lead to many problems such as reduction in capacity , increase the travel time delays, queue length, fuel consumption, number of forced merges, and roadway accidents which lead to unaccounted economic losses. So it becomes necessary to study and quantify the impact of mass rapid transit system construction work zones on traffic environment which will further help in estimating the economic loss due to metro rail construction work zone. Through Route Diversion at the stretch of work zone with considering all the factors and its methodology, safety of human and environment can be achieved which enhance the level of comfort and convenience of road users. To achieve the objective of the topic very less fund is required as it require only the analytical studies and some traffic diversion sign boards which direct the road users to their alternate path to reach at destination.