

BRTS PERFORMANCE AND EVALUATION OF VISHAKHAPATNAM

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ABSTRACT

Bus Rapid Transit System (BRTS) is an innovative, high capacity, lower cost public transport solution, which can significantly improve urban mobility. In Visakhapatnam — the movement of people and goods has largely been dependent on the motor vehicle. As a result, traffic in roads has increased a lot, road side parking in passing area, street vendors on service roads inadequate foot over bridges and existing road behavior are not suppose to handle this traffic, this is because of inappropriate planning, and improvement of these facilities have resulted in congestion and delays, which are costly and inconvenience to the commuters on the road. The speed and delay studies should be helpful, for the further alternate route. This work includes alternative routes, proposing foot over bridges, where it is needed, intersection models and traffic behavior in BRTS corridor.

KEYWORDS: Spot Speed Studies, Traffic Volume Studies, Fly Over Inter Section, Foot Over Bridge Design & Sketch Up

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