

The Kidney-Spine Traffic System: Future Cities, Ensuring World Class Civic Amenities in Urban India

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Abstract : The study was taken to analyse the alternative source of traffic system for effective and more convenient traffic flow by reducing points of conflicts as well as angle of conflict and keeping in view to minimize the problem of unnecessarily long waiting time, delays, congestion, traffic jam and geometric delays due to intersection between circular and straight lanes. It is a twin kidney-spine type structure system with special allowance for Highway users for quicker passes. Thus reduction in number and intensity of accidents, significance reduction in traffic jam, conservation of valuable time.

Keywords : traffic system, collision reduction of vehicles, smooth flow of vehicles, traffic jam

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