

Movable Road Divider by Traffic Solution for Warje to Ambedkar Chowk

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Abstract: *This project is the Movable Road Divider by Traffic Solution. The Traffic more of the crowded areas the traffic congestion is the most of the major challenge in our country is the urban areas. This after the caused by lane utilization of the inefficient of the road of the infrastructure. The road of this fixed divider in the flexibility, limit of the traffic flow, unbalanced and leading the specially like the during the peak hours. The movable road divider is the system is the dynamical solution of the adjustment road of the lane and is the based on in the real-time traffic condition of these road then is the to control the traffic congestion and to the safe of the road and to control the reduced the type of accident and to save the travel of the vehicle on the road to save time. The traffic is the most problem of these society This system of the consists of an automated or manually the road of the adjustable barriers so that can be repositioned to the allocate road of the space more efficiently of the road. Technologies is the such as hydraulic mechanisms and the motorized tracks, and AI-driven of the traffic monitoring is they can be integrated to the facilitate smooth safe and timely divider the road movements. By dynamically is the shifting lanes, the system of the helps reduce congestion, to the road improve road safety, and optimize of the space utilization without of these need to the need for costly and infrastructure expansion.*

Movable road dividers are they are particularly useful for the road highways, urban roads, and bridges, and toll plazas, where traffic flow is the varies throughout the day. Implementation of this system can be led to enhanced they mobility, the reduced travel time, and improved the road safety, making it a sustainable and innovative the traffic management solution for the modern cities.

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