

# Transportation Engineering-1

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# Road Delinerators



# Traffic Islands

- Are raised areas constructed within the roadway to establish physical channels through which the vehicular traffic may be guided.
- Types of Islands are:
- **Divisional Islands:** Divisional islands are dividing the highway in two one way roadways so that head on collision are eliminated and accidents are reduced.
- **Channelizing Islands:** Channelizing islands guide the traffic into proper channel through the intersection area.
- **Pedestrian loading Islands:** Pedestrian loading islands are provided at regular bus stops and similar places for the protection of passengers.
- **Rotary Islands :** Rotary islands is the large central island of a rotary intersection.

# Needs of Islands

- Islands provide self controlled traffic. No need of traffic police to manage the traffic.
- Islands reduce conflicts points hence chances of collision and accident also reduce.