## **Transportation Engineering-1**

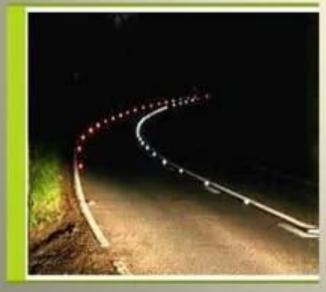
Slide Making By: **Nur Nahar Santa**Jr. Instructor

Civil Technology

Daffodil Institute of IT, Chittagong

## **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.