

Ideation Phase Brainstorming

Date	03 October 2023
Team ID	454
Project Name	4123- Traffic Management
Team Name	Proj_227233_Team_2
Team Members	5

Traffic Management refers to the combination of measures that serve to preserve traffic capacity and improve the security, safety and reliability of the overall road transport system. These measures make use of ITS systems, services and projects in day-to-day operations that impact on road network performance..

PROBLEM

Why are alterations made to the highway when there does not seem to be a problem?

Tamil Selvan

To allow the opportunity for minor roads with apparent flows to enter or cross heavy main roads

A requirement for controlled pedestrian or cycle crossing facilities.

To control and assist safe traffic movements where visibility is restricted.

Pachaiappan

To reduce traffic related casualties at a site.

To accommodate a change/increase in traffic associated with an adjacent development.

It is our intention to use modes of operation such as MOVA, SCOOT and VA which are responsive to live traffic flows

Akash

These modes respond to vehicles approaching signals and provide a green signal to the necessary approach

This would usually run at peak times at sites when flows are predictable.

Construction of additional lanes approaching a junction.

Jai kumar

This will be more noticeable at night or during the early hours of the morning.

Introduction of a priority controlled roundabout

Junctions with this arrangement should be negotiated like any other junction

