

Project design sketch – 309930006 and 301224283
Article #6 - Communication framework for vehicle ad hoc network
on freeways

- 1) The article proposes a new design for a Vehicular Ad-hoc Network (VANET) on a freeway. The main novelties proposed in the suggested design are:
 - Usage of mobile, high-power relay stations.
 - Usage of a stationary infrastructure along the highway (Base stations) and a main core network.
- 2) We'll simulate a two-way highway road section with vehicles using the proposed protocol and all of its supported functions. We'll measure the response time to different messages supported by the suggested protocol.
- 3) Rough NED design:

