Using IPv6 to Manage Traffic Lights

Problems with Traffic Lights

Recent traffic lights do not respond to current traffic conditions. Therefore, when there is something out of the ordinary, traffic can suddenly occur, and this can lead to accidents.
To prevent such accidents, there should be a method that would determine traffic conditions in real-time and respond to traffic by changing traffic signals.

Using IPv6 as a Solution

A region including all the traffic lights would be assigned one network, and by connecting itself with other networks, the traffic signals would be managed by itself. Therefore, when there is an accident or other specific troubles that occur on the road, it can avoid heavy traffic. Also since more data could be gathered through this system there could be research done on this topic.