FOUR PILLAR ALERT SYSTEM

PROBLEM STATEMENT:

There are many accidents occurring at sharp turns especially at narrow roads for example at ghat roads or hilly areas, Traffic Police intervention, convex mirrors installation, and other techniques, though helpful in these situations but they are not much efficient in preventing accidents. So, if you see there will be only one convex mirror place at the turning but the disadvantage of this convex mirror is until the vehicle come closer to the mirror they can't see other side. The drivers are not alert of the opposite vehicles. It becomes difficult to manage vehicles in severe and extreme conditions like rainfall, snow, foggy weather and high number of sharp curves and U-turns.

Also at hilly areas due to narrow road it will get difficult for two vehicles to pass in opposite directions so even to reduce this problem we need to develop a system that can manage the flow of vehicles smoothly at narrows roads.

SOLUTION:

A four pillar vehicle alert system, this system is helpful to reduce the accidents at Blind curve and hair pin bend roads. When a vehicle is detected at one side of the road Alert signal will be provided and vehicle will be stopped on the other side of the road to prevent any road accidents and traffic congestion at blind curve.

