METHOD AND SYSTEM FOR INTELLIGENT TRAFFIC INCIDENT MANAGEMENT

ABSTRACT

A method and system for automatically generating a traffic incident management plan are disclosed. In one example, the method includes receiving information representing a traffic incident and validating at least a portion of the received information to ensure that the received information is sufficient to enable the generation of the traffic incident management plan. The method includes the use of a hybrid intelligence engine using a case based reasoning (CBR) process or a rule based reasoning (RBR) process to generate the traffic incident management plan, through use of a discriminate index corresponding to incident features. The method is coupled with a post-generation plan validation process. A plan evaluation mechanism using a confidence index is embedded.

Figure 1