



ABSTRACT OF THE DISCLOSURE
TRAFFIC INFORMATION PROVIDING SYSTEM AND
TRAFFIC INFORMATION PROVIDING METHOD

A traffic information providing system comprises a vehicle-mounted unit for receiving information from a satellite so as to measure a position of a vehicle, for
5 conducting a search for some routes to a destination of the vehicle and for calculating a time required for the vehicle to reach the destination from the measured vehicle position for each of the routes, for displaying the routes and the time required for the vehicle to reach the destination for
10 each of the routes, and for outputting information on the vehicle position and vehicle information on the vehicle, a roadside unit arranged along roads, for receiving the vehicle position information and the vehicle information output from the vehicle-mounted unit and for transmitting
15 the received vehicle position information and vehicle information, a plurality of area-by-area information integration units respectively arranged for a plurality of areas, each for receiving information output from the roadside unit, and for generating and outputting new road
20 management basic information based on the received information, previous road management basic information, and information input from outside the traffic information providing system, and a satellite up-link unit for outputting a plurality of pieces of new road management
25 basic information transmitted from the plurality of area-by-area information integration unit to the satellite in a predetermined order.

Figure 1.

