AUTONOMOUS TRAVEL ASSISTANCE DEVICE, ROADSIDE DEVICE, AND AUTONOMOUS TRAVEL ASSISTANCE SYSTEM

Abstract

A map database (200) stores map data (290). The map data includes position reference point data including identification information of a position reference point being set in an intersection area where traffic lanes intersect, join, or diverge and an absolute position of the position reference point. A communication system (111) receives the identification information of the position reference point and a relative position of another vehicle to the absolute position of the position reference point. A vehicle position information processing unit (113) acquires the absolute position of the position reference point from the position reference point data on the basis of the received identification information of the position reference point. Then, the vehicle position information processing unit specifies a position of the another vehicle on the basis of the acquired absolute position of the position reference point and the received relative position of the another vehicle.