

Abstract

A toll collection system (1) includes: a roadside antenna (3a, 3b) operable to carry out wireless communications with an onboard unit mounted on a vehicle; a wireless communication control device (2a, 2b) operable to carry
5 out communication processing with the onboard unit; a toll collection processing unit (10) operable to acquire, from the wireless communication control device (2a, 2b), a result of the communication processing, and to carry out toll collection processing for the onboard unit based on the result of the communication processing; a vehicle detector (5a, 5b) operable to detect a
10 vehicle entering a communication range of the roadside antenna (3a, 3b); a soundness determination unit (120a) operable to determine, based on a detection result of the vehicles by the vehicle detector (5a, 5b) and a result of the toll collection processing carried out by the toll collection processing unit (10), whether an abnormality has occurred in at least any one of the roadside
15 antenna (3a, 3b), the wireless communication control device (2a, 2b), and the toll collection processing unit (10).