

ABSTRACT

An on-board device is loaded in a moving vehicle traveling on a track. The on-board device acquires failure data indicating a failure on the
5 track. Based on the failure data, a traveling route is determined in case of the failure. The securement of the traveling route is determined based on station related data that is acquired from a station interface device of a station to which a branch on the route
10 belongs and which indicates data of the branch, and different moving vehicle related data that is acquired from a different moving vehicle competing in at least a part of the traveling route and that indicates data of the different moving vehicle. The traveling of the
15 moving vehicle is determined regarding the secured traveling route based on the different moving vehicle related data.