

Abstract

Provided is a charging system (1) including: an axle load meter (60) disposed on a lane and configured to measure an axle load of each of a plurality of axles of a vehicle traveling on the axle load meter; an acceleration information acquisition unit (40C) configured to acquire, from the vehicle, vertical-direction acceleration information associated with each of the axles; a correction calculation unit (40D) configured to calculate a corrected axle load for each of the axles by correcting, based on the vertical-direction acceleration information, a measurement result for each of the axles obtained by the axle load meter; and a toll determination unit (51C) configured to determine a toll for the vehicle based on the corrected axle load for each of the axles.