ABSTRACT

A vehicular system (1) includes a lateral shift amount measurement part that has a plurality of magnetic sensors that senses magnetism of magnetic markers (10) arrayed along a vehicle width direction and measures a lateral shift amount that is a positional deviation of a vehicle (5) in a vehicle width direction with respect to the magnetic markers (10) and a course estimation part that uses a difference between the lateral shift amounts with respect to two magnetic markers (10) disposed with a space provided therebetween in a road surface (100S) where the vehicle (5) travels and estimates a deviation of the vehicle (5) in a traveling direction with respect to a line segment direction connecting the positions of the two magnetic markers.

Figure 1