

ABSTRACT

WIRELESS COMMUNICATIONS SYSTEM, CONTROL METHOD, AND
PROGRAM

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A wireless communication system includes a plurality of wireless communication devices each of which performs wireless communication with a vehicle traveling in one of a plurality of lanes formed on a road, and each of the plurality of wireless communication devices corresponds to one of the plurality of lanes. Each of

10 the wireless communication devices performs transmission and reception with the vehicle traveling in the corresponding lane such that a timing of a transmission and reception control period in which transmission and reception with the vehicle is performed on a control channel which is a first frequency and a timing of a transmission and reception control period in which transmission and reception with the vehicle is

15 performed on a service channel which is a frequency different from the first frequency are shifted from a timing of another wireless communication device.

FIG. 1