

Abstract

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[Solving Means] A traffic control device according to an embodiment of the present invention is a traffic control
5 device that controls a traffic light installed on a route of a vehicle running on the basis of an operation diagram, including: an acquisition unit; a determination unit; and a signal generation unit. The acquisition unit acquires, from the vehicle, vehicle information including information
10 regarding the operation diagram and a current position of the vehicle. The determination unit calculates, on the basis of the vehicle information, an estimated time of arrival at the traffic light, and determines whether or not the estimated time is on a scheduled time. The signal generation
15 unit generates, where it is determined that the estimated time is delayed from the scheduled time, a control signal for causing the traffic light to execute signal control for preferentially causing the vehicle to pass therethrough.

[Selected Drawing] Fig. 1