

TRANSPORT FACILITY

ABSTRACT

In a transport facility, a control system performs traffic control in permitting a transport vehicle 1 at a target stop-point S_t among stop-points S or at a point upstream from the target stop-point S_t to travel through a merging area 3. The control includes causing an occupancy point R to enter an occupied state in which the occupancy point R is occupied by a permitted transport vehicle $1p$, prohibiting, during the occupancy point R being in the occupied state, transport vehicles 1 other than the permitted transport vehicle $1p$ from traveling at least from the target stop-point S_t to the occupancy point R , and canceling the occupied state after the permitted transport vehicle $1p$ passes the occupancy point R . During the control, the control system permits, when transport vehicles 1 traveling to the merging area 3 include same-path transport vehicles $1s$ having a same combination of the occupancy point R and a stop-point S to travel through, the same-path transport vehicles $1s$ to sequentially travel through the merging area 3.

[Selected Figure: FIG. 5]