

TRY_CHANGE_LANES(destination)

$closest = \min_{distance} \text{SEARCH_IN_DEC_MEMORY}(\text{destination}, \text{any}, \text{TRUE}, \text{distance})$

$closest \neq \emptyset?$

F

$\text{distance} > d_{safe}?$

F

Terminate

T

$back = \text{LOOK_VEHICLE}(\text{destination}, \text{back})$
 $front = \text{LOOK_VEHICLE}(\text{destination}, \text{front})$

T

Is there a
vehicle in *back*
or *front*?

T

$\forall v: \text{dist}_v > d_{safe}?$

T

F

SET_LANE_FOLLOWING(destination)

F