

Proposal of road conditions to make left turn of intersection smooth

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When we go to school in the morning, traffic jams are occurring while the car is trying to turn left at the intersection. Care must be taken so that the driver does not protrude into the oncoming lane and that the rear wheels do not protrude from the roadside belt. If there is a fan-shaped area (called "hakama" in this paper) at the corner of the intersection, we can safely turn left. However, there are many intersections where the gob is not maintained and many intersections where the area is insufficient.

The radius of the hakama necessary for safe left turn is 2.55 m. Regulations on the maintenance standards of intersections, etc. are not stipulated about hakama. The authors have suggested to the administration that it should be clearly stated in laws and regulations to set up a hazard with a radius of 2.55 m at intersections for roads to be developed in the future.

Keywords: fan-shaped area (called "hakama") , Road structure ordinance

