

HOW DO PEDESTRIANS PERCEIVE THE CROSSINGS WITH TRAMWAY LANES?

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ABSTRACT

The improvement of tramway involves a complexity of urban space and a priority to crossings. But what are the impacts on pedestrians in terms of road safety and behaviours? This question has been little studied in France whereas foreign results have shown its legitimacy. That is why the STRMTG has ordered a study to the CETE Méditerranée, that dealt with pedestrians' crossings on axial tramway lane. Seven kinds of road layout were distinguished: with or without lights, the homogeneity (or not) of their information for each part of the crossing, etc. The analysis was carried with two approaches: the first is based on a road safety analysis in link with accident scenario to understand the problems. The second one consists in observing and interviewing pedestrians when they cross the several kinds of road layout. This study enables to better know the perception of pedestrians of the tramway lane. Then it gives knowledge about the impact of characteristics of road layout, such as lights, on their behaviour. These results may improve French technical recommendations.