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However, the accident reduction effect was not clarified by this study. Evaluation of collision-danger based on behavior and evaluation of accident number by long-term trial experiment of the device in a public road is necessary. Moreover, analysis of actual accident characteristics would be helpful for improvement of the device.

In addition, the device of this study is a prototype. For practical use, examination about factors, such as power source, housing, a mirror device, and a flashing light device, is needed. For practical installation, it is necessary to develop a device which can be used continuously over a long period of time. It is a future aim to obtain long-term accident data and behavior data also.

Since the corner of this experiment intersection was completely bad visibility, the device was exactly installed at the corner. At an intersection with a corner cut, separation of a vehicles detection sensor and a flashing light device is necessary. Effective installation method corresponding to intersectional visibility conditions should be examined in future research.

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