

**Enhancement of Pedestrian Safety at Level Crossings Using Rubber  
Filling Up a Gap Between Rail and Road Surface**

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A gap between the rail and the road surface at a level crossing can cause a misstep to the pedestrians with stroller, walking aid and wheelchair. In this study, newly shaped rubber filling up the gap to prevent accidents was developed. The authors examined the influences of setting the filler rubber on rolling stock running through a bogie running test. A usability test was also carried out to investigate effects on users with stroller and walking aid. Furthermore, a durability test was performed at a railway crossing of the test line of RTRI. As a result, the filler rubber makes it easier for pedestrians to walk across a rail crossing.