

Visibility Checking System and Installation Support for Obstruction Warning Signals

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Obstruction warning signals has two problems with respect to their visibility. First, currently it is not possible to check their visibility of such equipment secured by its being unmasked during the train operating hours, because this would cause traffic interruption. For this problem, we have developed visibility checking system. Second, their installation has required a lot of time and labor in the field survey, because the installation position must be determined in consideration of the outlook from the train cab. For this problem, we have developed an installation support method using the video image sequences from the train cab. In this paper, we report on the details and results of these two developments.