

Analysis of Structural Variables of Box Culverts for Railway Underpasses

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In recent year, many railway underpasses have been constructed to improve the convenience of areas along railway lines. Because it is a structure that supports a railway, it is designed according to the design standards for railways. In this paper, in order to improve efficiency in the design work, we collected the information of the box culvert of railway underpasses and analyzed the relationship between the depth, the span length and the thickness of the members. As a result, we propose a method for easily deciding the proportions of the box culvert.