

Seismic Reinforcement Method of Masonry Embankment Type Platform

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In past earthquakes, damage, by their falling or tilting, to masonry walls that compose the masonry embankment type platform has been confirmed. Therefore, for the purpose of developing a reinforcement method for the platform with excellent reinforcement effect, workability, and cost performance, we devise a reinforcement method by analytical examinations and verify the effectiveness of the reinforcement method through a series of model experiments. In addition, a reinforcement design method for a platform is proposed so that a reinforcement design can be performed according to the structural type and required performance of the platform.