



(HTD-TR-00108) Structure Evaluation for Flood Barrier, Part 3

Date: 29 Dec 2013
Issue: 1

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Description

This report is a study to determine the structure integrity of 3.0m height x 3.0m width flood barrier, see Figures 1. The objective is to determine the stress, deflection, and factor of safety of critical assemblies in the design.

The structure is going to be evaluated as a single structure with support legs.

The barrier structure, as in part 1, will be divided into four separate critical assemblies as can be seen in Figure 1b. However in this report the whole metal structure and support legs will be evaluated against the weight of the concrete.