

IIS-060
Review and Evaluation of Precast Concrete Bridge Decks

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Abstract

The project explores the development of precast concrete bridge decks in a form that is compatible with the production capabilities of High Concrete Structures, Inc. HCSI. The research includes a review of previous work on precast deck panels, a review of the production capabilities of HCSI, and a determination of viable approaches to produce precast concrete bridge deck panels within HCSI's production capabilities. An additional objective is to create precast concrete bridge decks panels that are compatible with steel bridge girders typically manufactured by High Steel Structures, Inc. (HSS).