

## **ABC Project and Research Databases**

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### **ABSTRACT**

The use of Accelerated Bridge Construction (ABC) is becoming more widespread with many different types of techniques and technologies being utilized in each project. As ABC is a relatively new form of bridge construction, bridge owners, designers, contractors, and fabricators involved in these projects learn valuable lessons during each project. A repository was developed to capture these valuable lessons for ready access by the bridge community. In addition to the actual bridge projects, research efforts are frequently undertaken to test new concepts or validate new design philosophies. A similar repository is under development to capture ABC-related research and link this research with the associated bridge projects when applicable.

The main objective of the initial phase of this project was to create a resource that allows any interested parties to have easy access information on completed bridge construction projects involving some aspect of ABC. An online database was created to host the ABC Project Database information and user interfaces were created to allow users to easily search, view, and submit completed ABC projects. Detailed information for each project includes, but is not limited to, project summaries, contract plans, bid-tabs, schedule, specifications and project photos. A simple framework is also under development to host the ABC Research Tracking Sheet. This workshop presentation will give an overview of the resources available on the ABC Project Database, introduce attendees to the procedure for using the database, show how existing information can be accessed, and show how new projects can be submitted. The databases already created and under development are an on-going industry collaboration among the ABC-UTC, FHWA, AASHTO SCOBS and the TRB Subcommittee on ABC.