

### **MassDOT Accelerated Bridge**

**Client:** MassDOT

**Services:** Scheduling, Cost Estimating, Value Engineering, Reporting and Program Oversight.

**Completion Date:** 2013-2014



### **Project Details:**

MassDOT's Accelerated Bridge Program represents a monumental and historic investment in Massachusetts bridges. Over the next 8 years, nearly \$3B in funding will be accelerated to improve the condition of bridges in every corner of the Commonwealth. With plans to repair or replace over 500 bridges, including 5 mega-bridge projects (valued at over \$1B), this program will greatly reduce the number of structurally deficient bridges in the state system, while creating thousands of construction jobs. To complete this program, MassDOT and DCR will rely on the use of innovative and accelerated project development and construction techniques.

Keville is entering its fourth year of a 3-5 year, \$20M services contract, to provide Project Controls and Program Management functions for MassDOT's \$3B Accelerated Bridge Program (ABP). This entire effort is to support a legislative requirement to establish an internal project controls function to support oversight, reporting and efficiency of the \$3B program. In November of 2008, KEI worked with staff of the former Massachusetts Highway Department, in several workshops, developing a plan for increased Project Controls functions within the agency. The resulting plan has been adopted as the basis for Project Controls functions currently being implemented within the recently formed Massachusetts Department of Transportation. The KEI Project Controls Unit (PCU) is also providing estimating reviews, claims avoidance reviews, value engineering studies, and significant efforts concentrated on these aspects of construction scheduling: contract time determinations, contractor CPM reviews, delay analysis, recovery evaluations and training. In addition to those core functions, the PCU has provided a vital program management reporting role, creating performance management indicators, gathering and validating project/program cost and schedule information, monitoring budgets and cash flow, and supporting MassDOT's ABP oversight effort.