



MassDOT Accelerated Bridge

Client: MassDOT

Location: Massachusetts-Statewide

Services: [Scheduling](#), [Cost Estimating](#) and [Value Engineering](#)

Completion Date: 2012

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 now continuing into the second year of a 3-5 year, \$20M services contract, to provide Project Controls and Program Management functions, for MassDOT-Highway'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 MassDOT staff, in several workshops, to develop a report which is being used to formulate a plan to expand to other parts of the newly integrated MassDOT. 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.