



**Project Name:** Proposed DCR Access Bridge (Channel Bridge)

**Location:** Randolph, Massachusetts

**Owner:** Massachusetts Highways

**Client:** International Bridge Technologies, Inc. (IBT)

**Project Facts:** The DCR Access Road bridge over Rt 24 in Massachusetts is a 2-span bridge with a precast segmental “channel” style superstructure. The precast elements are stressed together with 12 and 19-strand tendons. The overall length of the bridge is 248 ft and 29’-8” wide.

**Services Provided:** Was hired by IBT (thru Purcell and Associates contract w/Mass Highway) to produce a detailed contractor style estimate for the precast portion of the project. This included producing an estimate for a precast yard and erection and post-tensioning of these segments. We also solicited key vendors such as casting machine/form manufacturers, ready-mix and reinforcing steel suppliers. The estimate included labor (workers compensation and burden rates), crew sizes/make-up, production rates, permanent materials, consumable/expendable materials, equipment and subcontractor costs.

**When:** August 2008

**Website Links:** <http://www.asbi-assoc.org/news/project/index.cfm?aid=403>

[http://www.mhd.state.ma.us/ProjectInfo/Main.asp?ACTION=ViewProject&PROJECT\\_NO=603244#](http://www.mhd.state.ma.us/ProjectInfo/Main.asp?ACTION=ViewProject&PROJECT_NO=603244#)