



---

**Project:** *2009-2011 Underwater Inspection and Fathometer Survey of Bridges within New York State*

**Location:** *Upstate East (R1, 2, 7, 8, & 9)*

**Owner:** *New York State Dept. of Transportation*

---

A.DiCesare Associates is in charge of the biennial underwater inspection and fathometer survey of approximately 200 bridges throughout NYSDOT's Regions 1, 2, 7, 8, & 9 (New York Upstate East). Project includes the use of Engineer/Divers for the development of inspection findings via electronic documentation. Bridges vary from single spans to multiple spans crossing major waterways from New York City (southerly border) to Canada (northerly border) to Vermont (easterly border) to Syracuse (westerly border). Inspection includes a tactile investigation of all structures below water level, as well as protective devices such as fender systems and cofferdams. Fathometer survey conducted via GPS methods utilizing a submersible transponder to record river bottom profile.

---