



Project: *Route 185 over Lake Champlain*

Location: *New York / Vermont Border*

Owner: *New York State Department of Transportation*

Under a Joint New York and Vermont State of Emergency, A.DiCesare Associates responded immediately to perform underwater inspection and fathometer survey, evaluation, and detailed report preparation for the plagued Lake Champlain Bridge between New York and Vermont. In order to document severe structural cracks found in the concrete piers, A.DiCesare Associates utilized high-pressure water blasting to clean heavily encrusted substructure units. Extensive underwater video recording and underwater still photographs used to augment the detailed inspection findings.

Underwater inspection findings considered as one of the primary factors to demolish the entire structure within two months of its initial closing. Pre and post demolition fathometer survey used to establish navigable channel.

A.DiCesare Associates, P.C.