

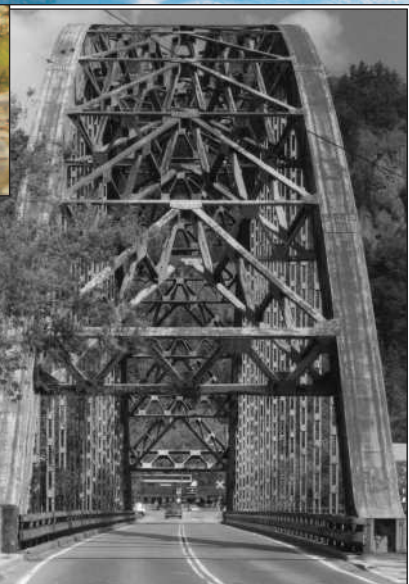
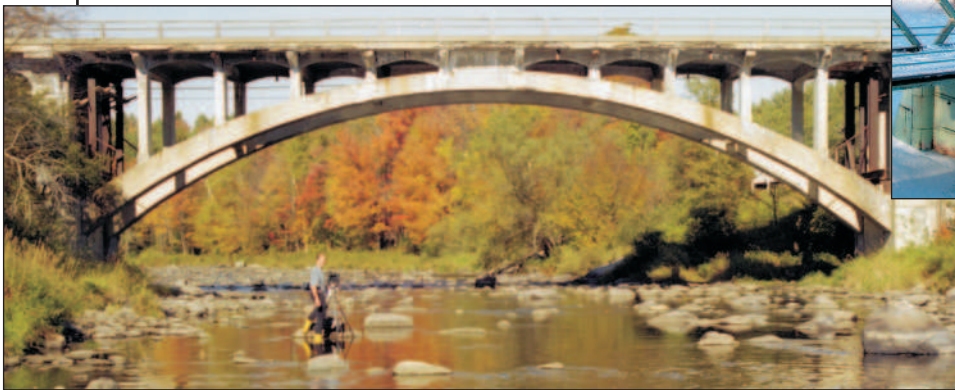
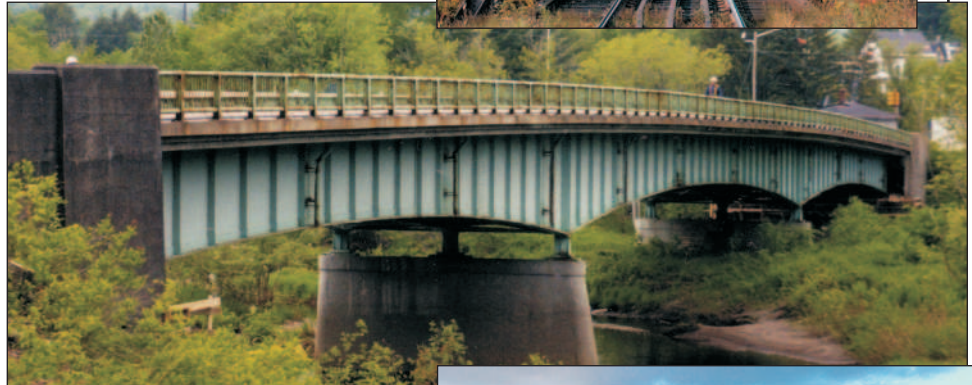
## Project Experience

# Historic Bridges of New Hampshire Survey & Documentation

New Hampshire holds a rich legacy of historic bridges. During the 19th century the state's high quality timber and granite was expertly crafted into covered trusses and stone arches. Many remain as landmarks and some continue in service today. New England's sophisticated iron & steel fabricators pioneered the use of pin-connected metal trusses for longer span applications and several early examples also survive.

With the flourishing automobile age the State established a highway bridge engineering department that gained national recognition during the 1930s and 40s for its artistic and innovative designs.

Richard Casella, Engineering Historian, and Rob Tucher, Architectural Photographer, have surveyed, assessed and documented over fifty NH bridges for the NHDOT, twenty-four to HAER standards.



The work ranges from a small "jack-arch" composite-beam bridge in Enfield Village, to the two monumental steel box-girder arch bridges over the Connecticut River at Chesterfield and Orford. Iron trusses, movable spans, steel and concrete rigid-frames, wood trestles, continuous girders and stone arches have been studied and photographed.

Dozens of railroad bridges have also been inventoried or documented along the lines of the Boston & Maine, Atlantic & St. Lawrence, Berlin Mills, Northern, Maine Central, White Mountain, and Claremont railroads.

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