

## Project Experience

### Timber Piers and Trestles

*Historic Documentation Company is experienced in the assessment and documentation of historic timber framed structures including trestles, piers, bridges and specialized industrial and military buildings.*

• **US Coast Guard Academy Piers and Waterfront Structures, New London, CT.** Built in 1932, the Academy retains nearly all its original buildings, piers, boat houses and waterfront structures. It is a potential National Historic Landmark District. The 410' main pier is of typical construction with regularly spaced pile bents, solid timber caps, cross bracing, stringers and plank decking. It was built with special features unique to the Academy's mission including a Boat Shelter for ten boats, a boat repair bay and high and low tide landings. The unusual railroad overpass bridge and inclined timber trestle ramp provided shore access. Prior to replacement of the piers and other structures, HDC documented the resources for the Coast Guard Academy following the new CTSHPO digital standards.



US Coast Guard Academy Piers  
New London, CT

• **Atlantic & St. Lawrence Railroad, Dead River Trestle, Berlin, NH.** This six span wood stringer bridge is supported on stone piers and intermediate timber frame bents. The variety of construction materials and methods reflect numerous repairs and indicate the original piers and north abutment were washed out and rebuilt. Work included the inventory and assessment of all railroad structures and features along the 52-mile A&SLRR line thru New Hampshire. For NHDOT.



Atlantic & St Lawrence Railroad Trestle / Dead River  
Berlin, NH

• **Port Reading Railroad Yard & Coal Terminal, Port Reading, NJ.** This major industrial redevelopment project required an impacts and alternatives study, HAER documentation, and a Historic Structure Engineering Report for the last known surviving McMyler Coal Car Dumper. The Terminal was one of the largest coal rail-to-barge transshipment facilities in NY harbor and incorporated the latest coal port design technology. Built in 1917, the coal pier, car dumper and coal thawing shed worked as a fully integrated and highly efficient system that represented the effort to replace men with machines in the wake of the labor unrest within the industry at the time. The 80'-wide pier and car trestle is supported on wood piling bents and extends into the Arthur Kill over 900'. For Louis Berger Inc. and Catellus Development Corp.



Reading Railroad Coal Loading Pier  
Port Reading, NJ

• **Former Central Railroad of New Jersey Bridge over Manasquan River, Point Pleasant, NJ.** This ten-span timber railroad trestle known as Little Brielle Bridge, dates to the 19th century but was substantially rebuilt in 1947. It now carries NJ Transit passenger trains. In 1995 the bridge was determined "not historically or technologically distinguished" but ten years later the NJSHPO reversed its opinion, finding it NR eligible as a "rare and significant New Jersey example" despite its "significantly deteriorated" condition. Work included inspection and photography for HAER documentation. For Arch2, Inc., Metuchen, NJ



NJ Transit Railroad Trestle over Manasquan River  
Brielle, NJ

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