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A drawing by architect Rudolph Zhelyazevich of the first railway engine shed in Moscow. It belonged to the former railway to St Petersburg. Of ten such depots only one survives, the “Nikolayevsky” circular depot in Moscow. [See Worldwide for details.](#)

Opinion

TICCIH advocacy in Lowell National Historical Park: Pawtucket Dam

Professor Patrick Martin
TICCIH President

Lowell, Massachusetts, on the Merrimack River, is the home to America's first great conglomeration of water powered textile mills. Probably stimulated by the example of New Lanark in Scotland, the Proprietors of Locks and Canals ultimately established the most influential cluster of mills in New England at the Pawtucket Falls in the early 1820s. Situated among a set of canals that allowed the effective head to be reused by several mills, this establishment provided not only an economic success, but also an inspiring model for other developers. The industrial history of Lowell has been celebrated in a variety of ways, not least of which is the establishment of the [Lowell National Historical Park](#) in 1978. Readers who wish to understand the complexity of development should look to Patrick Malone's excellent book *Waterpower in Lowell; Engineering and Industry in Nineteenth-Century America*, 2009, Johns Hopkins University Press, or a more recent brief treatment in *Industrial Archaeology Review*, 34. 1, 5-23, May 2012, entitled “Dams and Damages: Controversies Over Waterpower in Lowell.” This last piece thoroughly lays out the background of the matter we examine here today, hence I will be brief in my treatment of details.