Boston & Maine Railroad Historical Society Incorporated

Rail Car Exhibit Open 2019
Combine Coach-Baggage Car #1244
Dutton Street, Lowell, MA

Locomotive No. 410, together with its combination coach-baggage car No. 1244 is the visual centerpiece of the city and the focus of our Society's preservation efforts.

- The Combine Open:
- Saturday July 6, 2019 Saturday August 31, 2019 1:00 to 4:00 PM.
- On Saturday's Only between July 6th and August 31st inclusive.
- B&M Combine, Baggage Car & Coach No: 1244 will be open from 1 to 4 pm.
 Dutton Street, Lowell, MA.
- On Saturday July 27 and Sunday July 28 only, the combine will be open 10 to 5 pm. in connection with the Lowell Folk Festival.
- The Combine is filled with B&M artifacts & memorabilia.
- There is also a working model HO-scale railroad with a B&M theme of Lowell, MA.
- (This schedule is contingent on securing volunteers.)

0-6-0 Steam Engine #410
Restoration Project Benefactors
Built 1911 by Manchester Locomotive Works





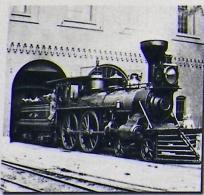
Boston & Maine Railroad switcher 0-6-0 #410 B&MRR Combine Coach-Baggage car #1244



Locomotives in Lowell

Lowell was a laboratory for technical innovation for the textile industry, water power, and railroads in the nineteenth century. As early as 1832, the Locks and Canal machine shop imported a British locomotive from its inventor, Robert Stephenson, in order to develop an American engine.

In the late 1830s, Engineer George W. Whistler oversaw the construction of the first Lowell made locomotives copied from the British engine. By 1845, seventy-five were running on new railroads throughout New England. By the 1860s, Lowell no longer made locomotives.



Locomotive "Medford" at Merrimack Street Depot, ca. 1880

Locomotive No. 410

This steam locomotive was built in 1911, by Manchester Locomotive Works. It powered trains on the Boston & Maine Railroad, which had merged with the original Boston & Lowell Railroad in 1887, to create a regional rail network.

The Boston & Maine Railroad Historical Society and Lowell National Historical Park restored Locomotive No. 410. The two organizations have also cooperated to restore the adjoining railcar and develop a railroad history exhibit in the railcar.



[The fireman] put his left foot on the lever that swings open the firebox door, to look at the searing inferno within as he...hurled shovelful after shovelful of coal...

> R.M. Next, 1950 oh Green and the Back Region

Boston and Maine locomotive No. 1037 and workers, ca. 1920

Combine Coach-Baggage Car No: 1244



Boston & Maine Railroad Combine 1244

- The rail car, No. 1244, is set up as a combination Coach-Baggage car, known by railroaders as a "combine," but was built by the Pullman Company in July 1907 as a 72-seat passenger coach.
- The car is 60 feet 2 inches in length and has open platforms at both ends.
- The car was built as No. 1244, renumbered to 244 in 1930, and rebuilt as maintenance of way car No. M3031 at Concord N.H. in September 1946.
- The car was sold to Luria Brothers in 1962, and then led a nomadic life on the St. Johnsbury & Lamoille County Railroad, the Montpelier and Barre Railroad, and the Goodwin Railroad.
- Following a sojourn at Wolfeboro Falls, N.H., No. 1244 the car came to Lowell, it is owned by the Lowell Historic Preservation Commission.
- The section of track on which it sits is on land owned by the Commonwealth of Massachusetts and is adjacent to the site of the original Boston & Lowell Station at the corner of Merrimack and Dutton Streets.
- The Boston & Maine Railroad Historical Society display items from its hardware collection in the combine.
- An attractive exhibit in the combine, "The History of Railroads in Lowell," was opened to the public in June 1993, made possible with a grant from the Lowell Historic Preservation Commission.





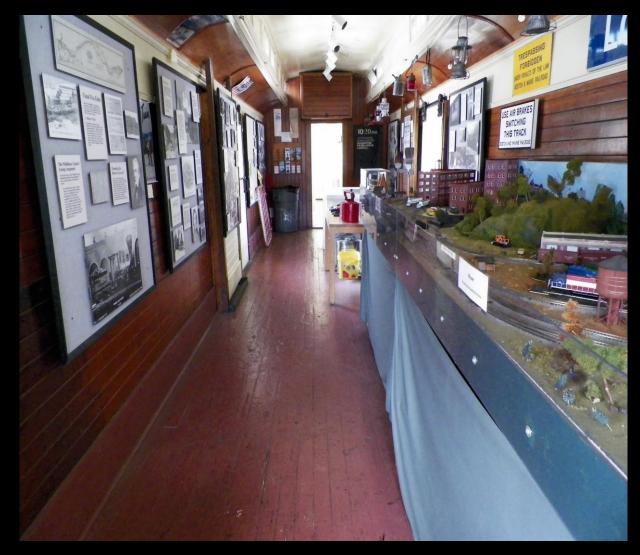
B&M Pot Belly Stove #10

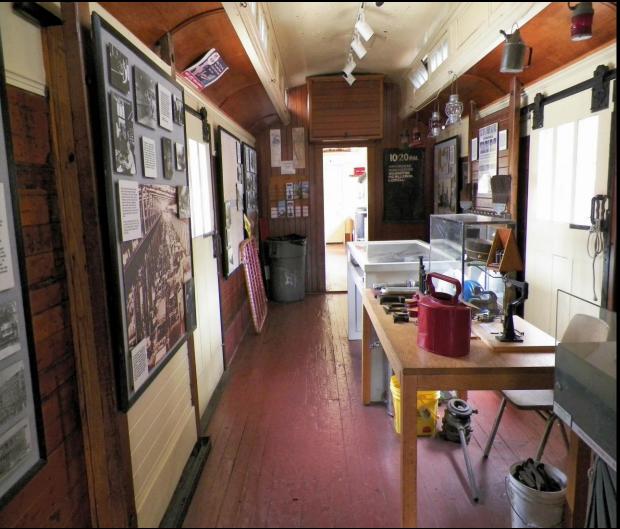
Nathan Air Chime Diesel Horn





Combine baggage section /w two views of B&MRR artifacts on display.









Boston & Maine Railroad Historical Society Hardware Collection

Link & Pine Coupler
Assortment of Rail Spikes
Sliced sections of Rail
Ticket Validator
B&MRR Torch Can
B&MRR Red Water Can
Telegraph Key /w Sounder

Display Case:

Ticket Validator
Conductor Cap
B&MRR First Aid Kit
HO-scale Display B&M 0-6-0 Switcher
No. 410 arriving on Dutton St,
Lowell, Ma. July 17, 1993



Boston & Maine Railroad Combine #1244

Nearly 2,000 people passed through the combine on the two days of the Lowell Folk Festival July 28th & July 29th 2018





Rails and Factories

In pre-railroad Lowell, the most valuable industrial sites were on the canals, where the mills took advantage of the maximum waterpower. The new railroad soon built spur lines directly to the mills, establishing a fan-shaped net over the mill district.

In later Lowell, sites near the main railroad lines became the choicest for steam-powered factories. Tracks linked each Lowell factory and radiated from Lowell into a greater New England network.







The Depots of Lowell

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Maldicers.



Travel by Trolley

In 1809, Lowellians were first stalle to raise an electrified trailing line to the dance stalls, fortis wheels, and witnesting benches of Latherine Amoreument Park in Dearst. By the turn of the contary, they could risk trailings to nexts reserves such as Hampton Brach, New Hamptone. A grid of trailing films continued does the first Court and even made a possible for summore from Lowell to risks on far as New York City or Westingtone, Chi

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Trolley Neighborhoods

With the coming of Lowell's herse-drawn street railway in 1864, people begin moving to an applications spreading about the troll desired and applications of the troll desired. Earlier all work correspondent desired. Earlier all work company owned bazarlinghouses and company owned bazarlinghouses and tomography owners and managers, in greater and greater numbers, chose to commute by revolvey as the old bazarlinghouse system.

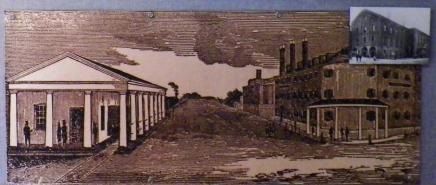


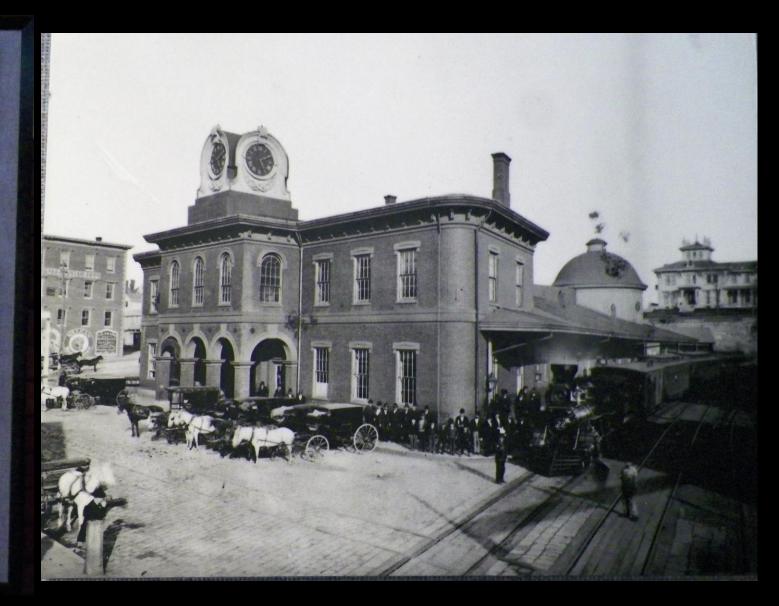












The Depots of Lowell

This railcar is standing on the site of the original depot used by the Boston & Lowell Railroad in 1835. Known as the Merrimack St. Depot, it became the front door of the city. In 1853, the city cooperated with the railroad in building a larger station here that also housed city offices as well as two large public meeting spaces called Huntington and Jackson Halls. In 1904, fire destroyed this grand depot.

Other major depots in Lowell included: the Northern Depot on Middlesex St., which opened in 1848 for the Nashua & Lowell and Lowell & Lawrence railroads; and the Boston & Maine Depot on Central St., which was built in 1876 and is still standing. Smaller depots included: Bleachery, South Lowell, Wigginville, Atherton, and Middlesex.



Travel by Trolley

In 1889, Lowellians were first able to ride an electrified trolley line to the dance halls, ferris wheels, and swimming beaches of Lakeview Amusement Park in Dracut. By the turn of the century, they could ride trolleys to ocean resorts such as Hampton Beach, New Hampshire. A grid of trolley lines continued down the East Coast and even made it possible for someone from Lowell to ride as far as New York City or Washington, D.C.

By 1935, bus lines replaced the old trolley lines on the streets of Lowell. But today the trolleys have returned to carry visitors around Lowell National Historical Park. They are an impressive reminder of an era when trolleys played a central role in the lives of working people in America's growing cities.



"On Exhibit Railroad Artifacts & Memorabilia"





Boston & Maine Railroad Combine Coach Baggage Car #1244 "Railroad artifacts on exhibit during the Lowell Folk Festival 2017"













Rail Hub

Three years after the Boston & Lowell opened, the Nashna & Lowell Railread opened, the Nashna & Lowell Railread began operating along the Merrimane, River into New Hampshaw. In other directions, Lowell was baked to the new solutaritial covered was backed to the new solutaritial covered with the second to the second of the Andorse Railread thiefe known as the Lowell & Lawell et al., and the solution of 1850 by the Salem & Lowell Railread.

Other smaller lines, such as the Stony Brosis, Railroad Irading to Grotos Junction dater matted Ayer in 1888, Franched off these main lines. By 1872, the Framinghum & Lowell Railroad also opened as a secondary route. By the 1880s, the Boston & Lowell Railroad control of the major rail lines through New Hampdeire all the way to Montreal, Canuda.











The Genesis of the Boston & Maine

The roots of the Boston & Maine Railroad can be travel to the opening of the Wilmington, Andrew and Harvellin Ballmost in 1856. The Boston & Lowell Ballmost in 1856. The Boston & Lowell Boston & State to our its travel belowed the new into the our its travel belowed the series into our its travel below the State of the Boston & Maine opened its own track is Boston in 1855. The Boston & Maine expanded through Lawrence and northern New England to become larger than the Boston & Maine, merged in 1857 under the Boston & Maine.















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Destination Scroll

Passenger Train Schedule 10:20 P.M. Wedgemere to Lowell

Destination scrolls were discontinued Feb 9, 1972

Railroad Work

Over 40 years ago, engineman Henry A. Beaulieu of Lowell became the main figure in R. M. Neal's book about working life on the Boston & Maine Railroad--High Green and the Bark Peelers.

Beaulieu and the other railroad workers in the book shared a tradition and craft unique in the story of American industrialization. In words that spoke for his fellow workers as well, Beaulieu simply said: "I never saw the day I didn't want to work."



A railroad man, crossing a track, never steps upon a rail. Always he steps over it. A rail, in foul weather, might be slippery and give him a nasty spill. Or he might wedge a foot in the points of a switch and be trapped with a train coming too fast to stop before it crushed and sheared off his foot. So the railroad man makes it practice unalterable to step over and not upon rails.

The second item has to do with climbing down from an engine cab.

"It's a strict rule," Beaulieu told me,

"to climb down backward. Don't come down frontward, ever."

An engineman selects his marks carefully. He figures into his choices the number of cars in his train--each day it is the same number, and quite likely the same cars-the kind of engine, the skill of his fireman, the grade he is climbing or descending, whether the track is straight or curving, how quickly he must get into speed for the next grade or curve, and the condition of the track. By experience he finds out which starting point at a station gives him the best results. At one station he may stop a trifle short, because nearer the front are older, more worn-down rails that his engine's wheels cannot grip so well. At another station he may go far through, in order to get his last car over the summit of a grade.

Although, under the Book of Rules, the conductor is in charge of the train, Henry [Beaulieu] doubts that he has as much true responsibility as is likely to fall upon the engineman.

"When something's gone wrong, a snowstorm or a flood, you'll read in the papers about Conductor Soandso bringing in his train safely," Henry snorts. "That's wrong. The conductor was there, but the engineman did the work. He's the one who should get most of the credit."

Many Lowell men worked on the railroad lines that ran throughout New England. They performed a variety of jobs, including engineman, conductor, fireman, trainman, brakeman, switch tender, blacksmith, oiler, machinist, freight agent, baggageman, signal maintainer, section hand, lantern tender, and wreck master. The nearby North Billerica shops of the Boston & Maine employed about 5,000 in its heyday in the 1940s.

The quotes describing railroad work come from High Green and the Bark Peelers: The Story of Engineman Henry A. Beaulieu and his Boston and Maine Railroad by R. M. Neal, 1950.







The Middlesex Canal's Losing Argument

In 1830, the owners of the Middlesex Canal vehemently opposed the state legislature's move to grant a charter to the Boston & Lowell.

It is believed that no safer or cheaper mode of conveyance (than the canal) can ever be established, nor any so well adapted for bulky articles ... possesses and suppose the conveyance of the conveyance of the conveyance of the world; and safely and safely as they are anywhere clie in the world; and if the usual time consumed in passing from one place to another be three hours—there seem not to be duty such exigency to make that space of time half what it move is ...

Canal Era Ends

Served by the Middlesex Canal and stage coach lines, Lowell grew rapidly in its early years. But to keep its leading place in the textile industry, the town needed a railroad link with the port of Boston.

A Matter of Time

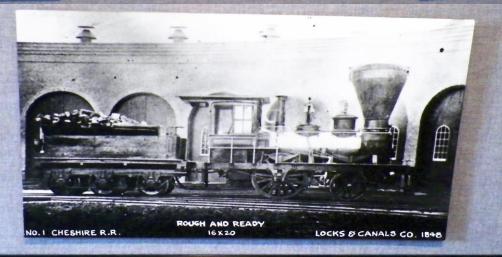
The opening of the Boston & Lowell Railroad in 1835 made the Middlesex Canal economically boolete. Shipping a barge of cotton from Boston to Lorenton meet control to the c



Financing the Boston & Lowell

In 1830, a number of Boston-based founders of the Lowell textile corporations joined under the leadership of Patrick Tracy joined under the leadership of Patrick Tracy Boston & Lowell Railread. Four of the five mean on the railread's Board of Directors—some of the patrick of Boston & Lowell Railread. Four of the five work of the patrick of the patri





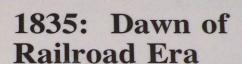
There are no first and second class carriages as with us; but there is a gentlemen's car and a ladies' car: the main but there is a gentlemen's car and a ladies' car: the main distinction between which is, that in the first everybody smokes; and in the second, nobody does. As a black man never travels with a white one, there is also a Negro car, which is a great, blundering, clumy chest, such as Gulliver put to sea in from the kingdom of Broboldingna. There is a great deal of joiling, a great deal of noise, a great deal of wall, not much window, a locomotive engine, a shriek, and a bell.

The cars are like shabby omnibuses, but larger: holding thirty, forty, fifty people. The seats, instead of stretching from end to end, are placed crosswise. Each seat holds two persons. There is a long row of them on each side of the caravan, a narrow passage up the middle, and a door at both ends. In the centre of the carriage there is usually a stove, fed with charcoal or anthracite coal; which is for the most part red-hot. It is insufferably close; and you see the hot air fluttering between yourself and any other object you may happen to look at, like the ghost of smoke.

In the ladies' car there are a great many gentlemen who have ladies with them. There are also a great many ladies who have nobody with them: for any lady may travel alone, from one end of the United States to the other, and be certain of the

Charles Dickens, 1842 American Notes





On June 24, 1835, the Boston & Lowell opened to the public--the first completed steam railroad in New England. Within two weeks, the Boston & Providence and the Boston & Worcester railroads also opened as a web of tracks began to entwine New England.

The railroad led Lowell out of its waterpower heyday into the age of steam. It carried not only Southern cotton and Lowell cloth but also the Appalachian coal that fueled the post-1850 expansion of Lowell factories.

1835: Dawn of Railroad Era

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Street of Lightning

Imagine the excitement of the people of Lowell when the first locomotive and railcars steamed out of town enroute to Boston on June 24, 1835. One piece in the Lowell Offering, a journal written by women mill workers, said that people had been expecting to see a "street of lightning."

"Mill girl" Harriet Hanson Robinson remembered the opening of the railroad in her 1890s memoir, *Loom and Spindle*:

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THURSDAY EVENING NEXT, JAN. 20TH.

For sale at the Merrimack and Middlesex St. Depots, and at the Merrianck House, good to Boston for the 2,15, 5, (Extra.) and 5,30 P.M. Trains Extra) which will leave Boston at the close of the performances of the Theatres.

TICKETS FOR THE BOSTON THEATRE can be obtain-Daily Citizen and News Print, 44 Central N "Mill girl" Harriet Hanson Robinson remembered the opening of the railroad in her 1890s memoir, *Loom and Spindle*:

I saw the first train that went out of Lowell, and there was great excitement over the event. People were gathered along the street near the "deepot," discussing the great wonder; and we children stayed at home from school, or ran barefooted from our play, at the first "toot" of the whistle. As I stood on the sidewalk, I remember hearing those who stood near me disputing as to the probable result of this new attempt at locomotion. "The ingine never can start all them cars!" "She can, too." "She can't." "I don't believe a word of it." "She'll break down and kill everybody," was the cry. But the engine did start, and the train came back . . .

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EXCURSION TO BOSTON

AN EXTRA TRAIN

WILL BE RUN

TO AND FROM BOSTON,

.....ON.....

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RAILROAD TICKETS HALP-PRICE!

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ed at the Merrimack House.

Daily Citizen and News Print, 44 Central Se

Combine Coach section /w two views









Two Coach Seats donated by Vermont Rail System Burlington, VT 2016

B&MRRHS member Mal Sockol

"Visitors enjoying an authentic railroading experience"





"ALL ABOARD !!! "

Boston & Maine Railroad Historical Society Visitors & their Children, enjoying an authentic railroad experience during the Lowell Folk Festival.





Boston & Maine Railroad Combine #1244

On left: member Paul Kosciolek with rail fans, on right: member Russell Monroe . during Lowell Folk Festival 2018









Street of Lightning

The Boston and Maine Railroad, completed in 1835, was New England's first steam railroad. In the Lowell Offering, a "mill girl" wrote that people expected to see a "street of lightning" when the railroad arrived.

The continuing prosperity of industrial Lowell depended on efficient shipping of materials. Realizing this, the owners of Lowell's textile corporations financed the Boston and Lowell Railroad. In 1887, it was merged into the Boston and Maine Railroad.



Lowell to Boston poster, 1859



monnmini

Boston and Lowell Railroad, ca 1835

The original depot on this site was replaced in 1853, by a larger station that also held city offices and public halls for political debates, meetings, lectures, and entertainment. The arches replicate the entrance to that station which was destroyed by fire in 1904.

Dickens rides the Boston and Lowell ...on, on, on —tears the mad dragon of an engine with its train of cars; scattering in all directions a shower of burning sparks from its wood fire; screeching, hissing, yelling, panting, until at last the thirsty monster stops beneath a covered way to drink...

American Notes

Merrimack Street Depot, ca. 1900