

**Celebrating 78 Years of Preservation — 1939–2017**



**New England Electric  
Railway Historical Society**

**Seashore Trolley Museum**

**2017 Annual Report**



**America's National Urban Transit Collection**

# New England Electric Railway Historical Society

Founded in 1939 by Theodore F. Santarelli de Brasch

## Mission

New England Electric Railway Historical Society shares powerful connections between the past and present. We preserve knowledge, context, and resources for future generations by collecting, restoring, operating, and exhibiting significant public transit vehicles and artifacts.

## Vision

- We continue the legacy of our founders by maintaining and sharing our world-class transit collections and knowledge with a growing membership, our many visitors, our communities, and the public transportation industry.
- Our work is guided by our respect for the technological, aesthetic, and historically significant characteristics of our collections, and our engagement with our audiences and community, in the past, present, and future.
- We strive for the highest standards of professional practice in every facet of our organization, and to make our museum experience accessible to everyone.
- Our capital improvement programs create improved capacity for collection management, storage, exhibition and interpretation, and responsible stewardship of our assets.
- We invite and facilitate wide participation in carrying out our mission and perpetuating our legacy through our programs of engagement with supporters, members, and the giving community.

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## 2017 Annual Report

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## Front Cover

**Upper:** Just as winter snow started to build in Kennebunkport, construction of the addition to Fairview Carhouse neared completion. This first phase of the expansion will provide cover for at least 14 additional vehicles. The next phase, for which fundraising is underway, will extend the newly widened building 60 feet to the front, and enclose it with doors. TS

**Lower:** In the first decades of the 20th century open sided trolleys such as New Haven 303 took summertime crowds to beaches or other entertainment venues. In the evening, after a full day of enjoyment, the dependable cars would carry passengers home through summer breezes. This century-old experience is reproduced during a special event at the Seashore Trolley Museum in 2017.

PM





**Left:** A steady stream of visitors board Wheeling, West Virginia Curved-side 639 to experience a classic streetcar ride, some 70 years after the car last operated in its home city. The car was completely rebuilt from a stripped, rusted shell in the Museum's shop. JS

highly experienced resource the Museum has in the person of Donald G. Curry. He has been synonymous with Seashore's restoration programs since their inception. He joined the staff as a summer employee in 1953, converting to full time when he retired from his high school teaching position. In 2017 he officially retired from the Museum after 64 years of staff service, certainly the longest stint by any employee at any rail museum. Fortunately, he continues to volunteer in the shop almost daily and regularly fields inquiries from other museums about a wide variety of streetcar technical issues. In honor of his years of service and his retirement, the board voted to change the shop's formal name to the Donald G. Curry Town House Shop. With many members, friends, and family in attendance, the new sign with the new name was unveiled on October 18.

**Lowell**

This year marked the 15th year that Seashore's New Orleans car 966 has been operating in Lowell, Mass., on the trolley system of the Lowell National Historical Park. The car operates with Seashore volunteer crews weekends from May until



**President's Report**

*James D. Schantz, President and CEO*

The year 2018 was another very active and very positive year for the New England Electric Railway Historical Society. All this was made possible by the thousands of hours of volunteer time from our dedicated volunteers, plus the tireless efforts of our staff. Financial support was the other key ingredient, as donations and grants exceeded \$575,000 during 2018. The organization owes a debt of gratitude to all supporters for making such progress possible 78 years after our founding group of eight volunteers banded together to purchase Biddeford & Saco open car 31, launching a transit preservation movement that has since spread worldwide.

**Preserve, Protect, and Present Campaign**

In 2016 the first major project of this campaign was completed, as the roof of our shop was replaced, greatly enhancing its structural strength and our ability to carry out maintenance and restoration projects. In 2017 efforts moved to expanding Fairview Carhouse to cover about 14 vehicles by widening the building by 20 feet over its 280 foot length. By enclosing what was previously an open sided building, all vehicles in both the old and new sections will be much better protected. This phase cost \$330,000 and construction wrapped up in December, just before heavy winter snows settled in.

Upon completion of this phase, planning immediately swung to Fairview Phase 2, which would extend the full 70 foot width of the building 60 feet to the front, fully enclosed with a gable and doors at each track. This phase has been es-

timated to cost \$350,000 and will fully protect another 10 vehicles. At year end \$160,000 of this total had been raised by the campaign. And in early January 2018 the 20th Century Electric Railway Foundation awarded us a \$95,000 challenge grant, matching dollar for dollar donations from all other sources. In 2018 the goal will be to raise the remaining funds and begin construction.

Other funds contributed to the campaign will in 2018 allow adding front doors to the Burton B. Shaw South Boston Carhouse, providing much better protection for the cars stored and displayed in that building.

**Restoration Shop Renamed**

Long time members are well aware of the

**Right:** In December the steel framing for the expansion of Fairview Carhouse was erected after extensive foundation work. Siding would soon follow.

**Below:** On Members' Day the sign officially signifying the renaming of Town House Shop in Donald Curry's honor was unveiled. President Jim Schantz addresses a large crowd as Donald looks on. PM







**Above:** New Orleans 966 leaves Jack Kerouac Park and prepares to cross Merrimack Street in downtown Lowell, MA en route to the Lower Locks end of the line. The car carries a dash sign inviting all to visit our National Streetcar Museum at Lowell exhibit near the National Park's Visitors Center. TF

October each year. It interworks seamlessly with the Park's three Gomaco replica cars providing tours of the downtown area with stops at numerous Park points of interest. Operating crews go through careful training both in Maine and in Lowell to ensure safe operation. Many who have started operating in Lowell have subsequently broadened their participation to include operating in Maine as well. Our exhibit featuring the evolution of rail transit in the U.S. in general and Lowell in particular continues to be open on weekends throughout the year.

### Membership

One of Seashore's greatest strengths has been the continual support through its 78 year history of its membership. In recent years a significant point in the Museum's strategic plan has been to increase membership, to capture the ongoing support of many of the people who take great interest in the Museum and its exhibits and programs. Progress in this area has been significant. In last year's report we listed the 100 new members who joined during the year. In 2017 it has been quite gratifying to welcome an additional 178 new individual members and 15 business members. A listing of the new members can be found on page 19. We welcome all of these members, thank them for their support, and encourage their active participation in our activities.

### Infrastructure

Our track crew initiated another major project to replace some badly worn track switches in the shop yard. When that track was constructed in the 1960s sharp radius switches were needed to route the track around a large rock outcropping. The only turnouts available were badly worn ones retrieved from the last vestiges of the Atlantic Shore Line in Sanford. In the half-century since their installation, car movements in and out of the shop have been touch-and-go to avoid derailling on the old switches. This year Track Superintendent Peter Wilson found a firm that could supply new No. 4 switch components at reasonable cost to replace the

**Right:** A new No. 4 switch is assembled next to the Shop lead. It will replace a badly worn switch (once part of the Atlantic Shore Line network in Sanford) just visible in front of the yellow track machine at the top center. When complete the switch will be lifted in place by a crane. JS



two worn switches in front of the shop. To avoid disrupting shop movements, the new switches are being assembled as panels away from the track to be dropped into place once complete.

Turn to the Track Department report on page 9 for more about 2017 activities. New volunteers in the overhead wire department helped replace some deteriorated line poles then carry out repairs and lift trolley wire in front of Central and Fairview Carhouses.

### Restorations

Work on Seashore's fleet of rail cars continued at a high level in 2017 as always. One of the most ambitious projects is the complete rehabilitation of Portland-Lewiston Interurban No. 14 *The Narcissus*. As explained in the report on page 7 major structural components are being renewed at the same time as detail work on interior components. The project has attracted considerable outside interest with hundreds of social media users following progress online. Financial support has also been encouraging, including generous grants from the 20th Century Electric Railway Foundation.

Other projects making significant progress include, among others, Boston Center Entrance car 6131, Lexington and Boston single truck car 41, New Jersey PCC 5, Toronto Peter Witt 2890, and North Shore interurban 755. The Conservation Report starting on page 9 covers all active projects.

### Peacock Lounge

In 2017 we wrapped up a most unusual and rewarding project begun in 2013, namely the construction of a replica of our *City of Manchester* parlor car. The





### The Peacock Lounge

These photos give an overview of the multi-year project to build a replica of the *City of Manchester* to operate on a private estate in Florida:

**Top left:** Seashore's *City of Manchester* 1901 parlor car from the Manchester, NH Street Railway was chosen by our client as a prototype for a battery powered replica to run in Florida. JS  
**Top center:** The underframe fabricated from ash takes shape in Seashore's shop. JS

**Above:** The body takes shape, composed largely of computer-cut fiberglass components. RL

**Above right:** The interior is made of beautifully varnished mahogany. JS

**Right:** The finished car after arriving in Florida. JS  
**Right below:** The car after completing its first run from the upper estate to the water's edge. JS



**Above:** Initial tests of the unrebuilt motors to see if low voltage power could propel the car. JS  
**Below upper:** Preparation for testing after the truck frame and motors have been rebuilt. JS

**Below lower:** This wooden structure was placed on the truck to allow extensive testing of the new propulsion system. Shown at Talbott Park. JS



project was launched following a visit to the Museum by a family who desired some additional mobility on their waterfront estate in Coconut Grove, Florida. Their long, narrow property features houses set back about 1,000 feet from the waterfront, creating a need for an easy way to reach the water's edge and an indoor/outdoor space which could be used at that location. They hit on the idea of a battery powered streetcar that could carry passengers from house to water and provide a stable space to enjoy

**Below:** Commemorative medallion presented by the project sponsor to the Museum to celebrate the project's successful completion. JS





at the shore. When they saw the **City of Manchester** on display in Highwood during a visit to Seashore, they quickly saw it as the ideal prototype.

We soon entered into an agreement to undertake the project, using the same structure we have used on past commercial contracts, namely an hourly rate with a margin above our employee pay rates and a percent uplift on materials used. To take advantage of modern techniques and materials (which we can not use in historically accurate restorations) we added to the team a boat builder from Mt. Desert Island, Maine who could use design software and computer controlled devices to cut frame and finish panels from fiberglass blocks or sheets. Their shop was also better suited for varnishing mahogany window sash and interior trim in a dust free environment.

We launched a search for a suitable single truck to use for the new car and located a partly stripped ex-Brussels Brill 21-E truck in Texas. Our client purchased it and we brought it to Maine and began tests to determine if its old motors could be propelled by a modern battery and electronic control system. With this verified we began total rehabilitation of the truck including fabricating the many parts that were missing and construction of an enclosure for the car's batteries. Extensive measurements and careful examination of all of the details of the *City of Manchester* were carried out throughout the project to ensure accurate reproduction of the car's elegant proportions and design. The only change was to lengthen the car to take advantage of the longer wheelbase of the truck.

We studied control and braking options and settled on an electronic motor control system paired with traditional hand



**Above:** The wide scope of the Museum's collection is demonstrated by this meet. The bus from Oakland is a suburban version of the very popular GMC Dreamliner series. The subway car is a 1938 art deco styled product of J.G. Brill and ran between Philadelphia and Camden for decades. JS

brakes, with all parts carefully cast based on molds of the original car's components.

By December all was in readiness and the car was trucked to Florida and successfully tested just in time for a planned dedication gathering. Throughout the four year project various members of the shop staff and volunteer teams worked on the car, but in 2017 special note should be made of the extensive efforts by Shop Manager Randy Leclair and staff member John Melanson, who traveled repeatedly to Mt. Desert Island then to Florida to complete the project.

The sponsoring family reports they are quite pleased with the car, now christened *The Peacock Lounge*, and the project's proceeds helped the Museum move forward in a variety of areas.

### Financial

As mentioned earlier in this report, the

total of contributions to the Society in 2017 was in excess of \$575,000. Of that, more than \$100,000 came from foundation grants, with the balance from members and friends. More detail about donations can be found in the Museum Contributors report starting on page 16. Our deepest thanks to all who contributed to this total.

One of the most important means of ensuring the long term survival of the Museum is to continue building the Society's endowment. Funds invested in the endowment fund are never spent but are invested to yield, under normal investment market conditions, 5% annually to help defray operating expenses. Traditionally the primary source of endowment contributions for any museum is planned giving, in which benefactors specify funds for the endowment in their estate or other long term financial plans.

From late 2015 until early 2018 the Society has received bequests totaling more than \$1.2 million from just four members—Stephen Dvorak, Stephen Hall, George Jones, and Roger Somers. The forethought in estate planning from each of these dedicated supporters greatly helps strengthen Seashore's financial foundation.

We invite all members to also include Seashore in their estate planning. This year the Society inaugurated a Founders Legacy Society to recognize those who have made such thoughtful provisions. Please turn to page 20 for more about how you can join this honorable group.



**Left:** Boston Type 5 no. 5821 is a longtime regular in Seashore's operating fleet. It is one of 471 such cars that ran throughout the city from the early 1920s until the late 1950s, a type of car still remembered by some visitors JS



**Left:** An important segment of Seashore’s visitor attendance is tour groups. Here two coaches carrying groups arrive at the Visitors Center for a tour, a streetcar ride, and an opportunity to visit the Museum Store. PM

phase 1 of the Fairview Carhouse expansion, with Tom Santarelli, our volunteer Vice President of Facilities managing all aspects of the job, including working with the volunteer crews who had the enormous task of shifting vehicles to keep the construction site accessible.

Non-collection assets were pressed into service for the museum’s benefit.

- The Board approved the conversion of the house next to the museum entrance, purchased years ago from the Butler family, from a residential rental property to Museum Library use, and we undertook the process of applying for and receiving approval from the town of Arundel to do so.
- Timber harvesting on non-public acreage in Arundel and Biddeford generated approximately \$40,000 that will be used for other critical museum projects.

The Seashore Trolley Museum Advisory Council, comprised of thirteen area professionals who have an interest in the museum’s success, was established in 2016, and all members remained involved in 2017.

Admission revenues grew every year from 2012 through 2016. One tour operator was responsible for the jump in our group tour revenue in 2015 and 2016. However, a 2017 decline in their sales of Maine tours resulted in a decline in our



**Above:** This year’s summer gala, *Downeast Meets Dixie* featured indoor activities such as this electronic camera.

**Below:** The unit quickly produced commemorative electronically framed photos. JS



## Executive Director’s Report

Sally A. Bates, Executive Director

In 2017 we continued implementing changes to improve customer service, streamline back office operations, and facilitate cash management.

- Our accounting system was converted to an online version, making it possible for authorized employees to work remotely when necessary, and assuring that we have the most current software version available at all times.
- Our website has a new “responsive” design, making it mobile-friendly, payment friendly, and easily maintained.
- We consolidated our banking relationships to achieve FDIC insurance coverage on balances, and improving deposit, transfer, and accounting processes.
- A combination of new vendor relationships and redesign made it possible to convert the museum’s official newsletter, *The Dispatch*, from black and white to full color while

spending less overall to provide it to members.

Volunteers—both internal and external—played major roles in facilities projects:

- We leveraged paid tree cutting services with a large-scale volunteer effort from Central Maine Power Company and several member volunteers to complete preventive tree clearing around overhead wires, buildings, and vehicles. That value of that preemptive effort became obvious when we came through the late October windstorm with no damage from falling limbs.
- The walking path through the center of the public campus had nearly disappeared. Thanks to member volunteers, Thornton Academy students, Kennebunk High School’s Alternative Education Program, Deering Lumber Company, and The Hissong Group, the path is now more visible and safer than ever, having been newly excavated, compactible materials added, and a new post and chain boundary added.

The largest facility project was, of course,

**Below:** Visitors use the newly rebuilt path connecting the Visitors Center with the exhibit car houses. A rope barrier keeps people clear of passing rail vehicles such as these 1963 Boston Red Line cars. PM







**Above:** It's early in fall foliage season and Dallas Railway & Terminal 434 is at Talbott Park loop. It has just carried a car load of visitors over the 1.5 mile main line from the Visitors Center. PM

overall regular admission revenues for the year.

We are dedicated to getting admission revenues back on a pattern of growth. As members of the Maine Motorcoach Network and the Kennebunk, Kennebunkport, Arundel Chamber of Commerce, we continue our efforts to attract additional tour operators to the area. We are also increasing our digital marketing activities to reach both area families and tourists. This includes making it possible for guests to purchase their admission in advance of arrival on both regular and event days.

To evolve along with the ever-changing interests and demographics of audiences, each season we take a fresh look at the activities we offer.

- While Monday, Wednesday, and Friday mornings have been traditionally slow, “Seashore Trolley Story Time” has become a dependable way to attract families on Wednesday morning. In 2018 we are adding “Monday Morning Magic” and “Funny Friday” to the lineup.

**Below:** Tree work, including harvesting salable lumber and trimming branches encroaching on infrastructure, was a significant project this year. PM



Although we have seen erosion in the number of daytime riders during December’s Christmas Prelude, we are growing revenues from premium priced offerings later in the day. The *Golden Chariot* Ride and Cocktail Party has maintained profits, and attracted new fans. In 2017 we introduced “Surprise! Santa’s on the Trolley,” another premium-priced late afternoon activity that has growth potential.

*On the Marsh Bistro*, a highly-respected fine dining restaurant in Kennebunk’s Lower Village, is hosting a fund-raising event to benefit Seashore Trolley Museum on August 17, 2018. We appreciate owner Denise Rubin “championing” the museum by lending her good name to our cause.

We saw an uptick in new memberships in 2017. We challenged our store personnel to solicit new members with the result that they sold 100 more than in 2016.

During my tenure, I have been resolute in approaching our challenges as Museum challenges—NOT Trolley Museum challenges. No business can be complacent about attracting loyal customers—in our case members and visitors and donors. Additionally Seashore’s challenges for 2018 and beyond include maintaining existing aging infrastructure—track, overhead, buildings, roads—as well as constructing additional storage buildings for the collection.

As I reflect on the last six years, I’m proud of what you’ve accomplished and what we’ve accomplished together:

- Seashore’s stature in the communities surrounding the museum has grown—not only are our neighbors more aware of the Museum, they

also approve of your campus improvements, variety of events, and willingness to collaborate.

- Attendance has grown.
- The community of funders who relate to our transit focus is—and will always be—important to us. It’s also important to note that since 2013 Seashore has been the recipient of grants for major projects from funders who focus on humanities organizations. This is a measure of the Museum’s growing reputation in that arena.



Trolley era artifacts can still be found abandoned: **Above:** A top cap from a pole that held trolley wire was recovered from downtown Portland. PM **Below:** Some lengths of lightweight rail laid by the Sanford & Cape Porpoise in 1899 were recently uncovered by road paving contractors. PM





## ***Narcissus Project Progress***

*Phil Morse, Narcissus Project Manager*

October 31, 2017, marked the 48th anniversary of the arrival of the 1912 Portland-Lewiston Interurban No. 14, *Narcissus*, at the Museum. The arrival of *The Narcissus* was featured in an article in the 1969 annual report. The article explained the interest of certain early members in the car's body dating back to the late 1930s; plans to acquire it from J. Henri Vallee; the commitment by members and community to finding missing components; and the initial financial support for its restoration. Community support included Maine's Governor John Reed, many local businesses, and individuals from the Portland-Lewiston area, and members of the Libbey family (W. S. Libbey was the respected, well-known Lewiston businessman who built the Portland-Lewiston Interurban). The article also states that the acquisition of *The Narcissus* was probably the longest, most arduous, and expensive acquisition project then undertaken by the Museum.

Details of the restoration work are in the Conservation Report starting on page 9.

This report is intended to give long-time Museum members hope and inspiration. Hope that the restoration of this historically significant piece is making steady progress. Inspiration in that there is growing broad-based support for *The Narcissus* from outside sources that complement the membership in shepherding it to completion. For newer members this report is intended to pique your interest in some of the lesser-known volunteer opportunities available and to encourage you to find one you find appealing. Refer to the Museum's website [www.trolley museum.org](http://www.trolley museum.org).

**Below:** This view from the visitors' gallery clearly shows the many intricate components that make up the roof structure. All are repaired or replaced. JS



**Above:** A sister car of Seashore's No. 14, *The Narcissus*, was No. 18, *The Azalea*. It shows the handsome lines of this fleet that ran between Portland and Lewiston as part of Maine's finest interurban line.

[trolley museum.org](http://trolley museum.org), click "Support", then click "Volunteer" to see opportunities, the guidelines for volunteering, and Museum's Volunteer Coordinator's contact information.

As 2017 ended, the *Narcissus* received a flurry of financial support that pushed donations past the \$40,000 needed to meet a \$40,000 Challenge Grant from the 20th Century Electric Railway Foundation of California. This generous grant makes a total of \$50,000 that the Foundation has donated to the project. However, as these were matching grants, the challenges generated an additional \$50,000 from other donors. Maintaining a steady flow of donations is imperative for the work to continue uninterrupted on a multi-year project. Thanks to the 20th Century Electric Foundation for continuing its very generous financial support for the Museum.

Not all funding requests are successful. Grant applications for *The Narcissus* are submitted to various grantors during each year. Some are successful, some not. The first major application for *The Narcissus* was for Federal Transportation Enhancement funds administered by the Maine Department of Transportation. It was through this program that major funding for the Museum's Atlantic Shore Line electric locomotive No. 100 was granted in 2005. Our 2010 application for funds to this source for *The Narcissus* received a recommendation for funding from the selection committee. However, the request was not funded in 2011 nor in 2013 when it was rolled forward. In both cases, the State Legislature reallocated the funding to "higher State priorities." In 2015, we had a site visit from the then-new DoT Program Director, Patrick Adams. His visit in August 2015 provided us with information on the recent changes in the State's priorities. Though secur-

**Below:** A group of Teddy Roosevelt Days visitors receive a full description and status report of the *Narcissus* restoration project from Donald Curry. PM





ing funding for a historic transportation artifact under the new scoring would be more difficult, he encouraged us to apply in 2016. Our submission included the signed endorsement of the Kennebunkport Board of Selectmen. We received a notice in January of 2017 from Mr. Adams stating that our application did not receive a high enough score to qualify for funding. It is clear that under the new scoring system, *The Narcissus*, or similar historic transportation projects, will never score high enough to be funded.

## Outreach

We continue to offer speaking engagements to organizations that may have a connection to *The Narcissus* or the Portland–Lewiston Interurban. Seashore’s living national treasure, Donald Curry, was the keynote speaker at Portland Public Library, the 470 Railroad Club, and the Laconia Historical Society and Museum. There were also many opportunities during 2017 to have *Narcissus* displays staffed by Museum volunteers, and in some cases make a brief presentation, at venues including the Amherst Railway Society’s Railroad Hobby Show in East Springfield, MA; Maine Woods Forever Roundtable in Unity, ME (Theodore Roosevelt Conservation Award); #Sirenoiree benefit for the Arundel Historical Society; the 2017 Teddy Roosevelt Days event at the Museum; Seal Cove Auto Museum at Mount Desert Island, ME (home of W. S. Libbey’s 1908 Stanley Steamer Semi-Racer); Members’ Day at the Museum; the 113th John Libby Family Association reunion, Scarborough, ME; Transit Day at the Museum; Cumberland County Fair, Cumberland, ME; Network-After-Work gathering, in Portland; and the 2017 Seashore Trolley Museum donor and volunteer appreciation gathering in Andover, MA.

## Social Media Presence

Physical outreach through visiting organizations, conducting research, making presentations, displaying artifacts, and handing out information is very effective. Face to face meeting is important in

**Below:** Shop crew members Ernie Eaton and John Melanson prepare to jack the car. PM



**Above:** Maine artist Wade Zahares created this image of *The Narcissus* and the 1918 Semi Racer of the PLI’s owner. Titled *Fast Friends* it was unveiled at Seashore with sales proceeds going to the car. PM

developing relationships and communicating what *The Narcissus* Project goals are and how to help. As effective as this form of outreach is, its scope is limited. However, social media can be used to broadcast a message to a very wide audience. Whether it is Facebook, Blogger, LinkedIn, or any other site, the *Narcissus* Project can connect with a very wide audience via social media outlets. The results from the *Narcissus* Project Blog ([www.narcissus1912.blogspot.com](http://www.narcissus1912.blogspot.com)) are favorable. During 2017, 48 posts were released, and generated slightly more than 65,000 total page views. Total page views since the first post was released on April 22, 2015, are now more than 115,000. It is easy to follow statistics for page views, which posts receive the most interest, and which countries are viewing the posts. How all the interest in the blog posts translates into support for *The Narcissus* is somewhat more difficult to assess. It is promising to see that certain posts attract interest.

A couple of examples: The John Libby Family Association (JLFA) includes an article about *The Narcissus* project in each of its newsletters. November 16, 2017, at about 2 p.m., the JLFA released their first electronic version of their newsletter to its 600+ members. The *Narcissus* article included a link to the *Narcissus* blog. The *Narcissus* blog showed a dramatic increase in page views starting shortly after 2 p.m. that day and had 1,200 total page views in the following 24 hour period.

During that time in November, there had been, on average, about 200-250 page views daily in a 24 hour period. Another example is from September. I learned the sad news in mid-September that a “*Narcissus* family member,” Dan Vallee, had unexpectedly passed away on September 1, 2017. Dan grew up living in the *Narcissus* when it served as the Vallee family summer camp in Sabattus, Maine. I released a blog post on Dan’s birthday, September 25, as a tribute, titled, “I Want To Come Visit My Old Bedroom!” That blog post received just under 1,800 page views in the first 24 hours. The most page views recorded in the first 24 hours of any post released to date.

We can track blog post page views and see “likes” for posts on Facebook by specific individuals and organizations. So, when an individual makes a donation to the *Narcissus* we can link that to interest generated by the blog. The blog is an engaging means of communicating to Museum members, the general public, and to organizations not familiar with Seashore Trolley Museum. The blog posts relate to a portion of the Museum’s collections, public interpretation offerings, and its restoration facilities, and exemplary skill sets of the staff and volunteers. The page views and Facebook likes are helpful statistics showing community interest when writing grant applications and seeking support from organizations. One way Museum members can help show social media community support for the *Narcissus* project is to go to Facebook and “Like” the Seashore Trolley Museum and the Theodore Roosevelt Connection page. Keep up with the *Narcissus* Project by following the blog at [www.narcissus1912.blogspot.com](http://www.narcissus1912.blogspot.com).

## Teddy Roosevelt Days Event

On July 21–23, the Museum was the host site for the Third Annual Teddy Roosevelt Days event. The connection with the *Narcissus* project is that Roosevelt once rode the car during a Maine visit. Proceeds from the weekend event benefited the *Narcissus* project. Friday’s mid-afternoon

**Below:** After jacking the car, its trucks were removed to clear work space and for overhaul. DC





## Conservation Report

Donald G. Curry and Randy E. M. Leclair,  
Town House Shop

As this is written in February 2018, the **Donald G. Curry Town House Shop** is filled on every track by 11 cars under different degrees of restoration and preservation. The new roof and structure over the Shop's main hall is finished while the heatable loft side is about 50% complete and usable. Still to be installed are new sheet rock ceilings, LED lighting and wiring, work benches, and shelving. To remove paint fumes a large fan has been installed in the north end. Plans are underway for completing the remainder of the area.

**Paid Shop Staffing** consists of full time: Randy Leclair - Shop Manager, John Melanson - Restoration Technician; Part time technicians are: Ernie Eaton, Cam Alcock, Chris Skulski, and Dave Fletcher. Donald Curry, Restoration Project Manager, retired in June, and is now continuing as a volunteer.

As always volunteers are involved in conservation and maintenance. To keep the Shop in operation requires a consistent flow of funding for the projects in production. Without it we would be unable to maintain a talented and loyal staff. Additional costs are heating, electricity, tools, materials, hardware, paint, etc.

**Operating fleet** – In order to keep our ridership: tourists, tour buses, and special events, it is necessary to do regular maintenance including lubrication, controller inspection, and paint, and to document all work for each car. The fleet this year consisted of Dallas Stone & Webster Standard 434, Wheeling Curved-Side 639, Connecticut closed car 1160, New Haven open cars 303 and 838, Boston Type 5 5821, Boston 25-foot box car 396,

**Below:** Eric Gilman prepares to remove one of Eastern Mass. Street Railway 4387's motors so it can be sent out for overhaul. DC



## Track Department

James van Bokkelen

Work on the Museum's track must be pretty much continuous: dampness rots ties, rail wears and occasionally breaks, ballast and subgrade shift as the ground freezes and thaws. In 2017 our core track gang was four or five members working on the ground and operating equipment, often supervised by Superintendent of Track Peter Wilson. Early in the season, we re-gauged the Highwood switch and replaced ties on the Main Line. In the summer, daily operations make it difficult to work on the Main Line, so we replaced ties, re-gauged and adjusted track and turnouts in the yards. Early in the fall, we began assembling the first of the two new Shop turnouts. In October, we worked with a professional track inspector to evaluate the main line and key yard tracks.

The inspector's report has informed our priorities for 2018. While the ground is still frozen, we are working on our equipment. This will let us work faster and farther from our base at the track shack. As the track work becomes possible, we will recruit more helpers: You don't have to be John Henry to help on the ground, though ability to lift 50 pounds safely is pretty much a requirement. The work isn't complicated and the rewards are immediate. We're happy to show you the ropes.

Our primary goal for the year is to replace 100 ties on the Main Line. When we have to work elsewhere, we will be working on the Shop turnouts and trackwork associated with the Fairview project.



**Above:** Ernie Eaton holds a refurbished turnbuckle that strengthens the *Narcissus*' structure. DC

pre-opening gala required the purchase of tickets online in advance. Guest registration was from 3:00 to 4:00, followed by a short trolley ride to Morrison Hill Station and a walking tour to visit *The Narcissus* in the Town House Restoration Shop. A few special guests were on hand during the tour of *The Narcissus* including 14 descendants of W. S. and Annie Libbey, nine great-grandchildren, two great, great-grandchildren, and three, great, great, great-grandchildren. W. S. was the builder of the Portland-Lewiston Interurban line. Also, Elizabeth Maguire, who rode the PLI as it passed through her family farm. and Daniel and Rose Vallee. Dan grew up in the *Narcissus* were present.

Presentations were made by me and special guests Roberto Rodriguez of the Seal Cove Auto Museum, and Maine artist Wade Zahares. My presentation compared two men with a strong association with *The Narcissus*; W.S. Libbey and Theodore Roosevelt. Mr. Rodriguez discussed the Stanley Brothers' world-record-holding Stanley Steamer and W. S. Libbey's very rare 1908 K 30-hp Semi-Racer now at Seal Cove on Mount Desert Island, Maine.

The final presentation featured Wade Zahares unveiling his original work of art, *Fast Friends*. The work depicts *The Narcissus* operating on the PLI with W. S. Libbey and his wife Annie, in Libbey's 1908 Semi-Racer, cruising alongside the beautifully appointed, high-speed interurban coach, *Narcissus*. Saturday and Sunday activities were open to the general public and included tours of *The Narcissus*, raffles, and opportunities to purchase *Fast Friends* prints, TR-related books, and *Narcissus*-glass suncatchers. All the financial resources to underwrite the costs of this event and other fundraising expenses were raised separately. No restoration funds were used.

## Morrison Hill Station PLI/ Narcissus Exhibit

The 1915 Morrison Hill Station, formerly a way station for the Portland-Lewiston Interurban (PLI) located in West Cumberland, Maine received some much-needed repairs and care in 2017. This was in preparation for the station hosting a Portland-Lewiston Interurban display in 2018, featuring *The Narcissus* and the Donald G. Curry Town House restoration shop, plus the connection with Theodore Roosevelt. (See image of the station on page 18) .



and Twin Cities Gate Car 1267. Available for special operation was the *Golden Chariot* – Montreal No. 2.

Documentation and research are two vital functions of any serious preservation effort. Without the compilation of records of what was done, by whom, and the source of information, important knowledge would be lost to history. For many years the Shop has been accumulating records on most of the vehicles in the collection. Unfortunately some have not been kept in an orderly fashion and need removal of duplicate information. Because of the aging and passing on of many of our formerly active members, we are rapidly losing first-hand information on some cars. As one of the few long-time members with active connection to the collection and with help from other members, Donald Curry has been asked to record a curatorial status of our collection. This involves hands-on inspection and documentation, including reference to our vehicle files. Volunteer Peter Osgood has made video records of discussions with Donald covering a number of vehicles, a very time-consuming task. Currently the reports have few illustrations. These consolidated files will be available to Richmond Bates who is working on collection documentation, the Curatorial Committee, the museum website, and interested members. This will require developing controls over how the information is distributed and stored.

**Research and documentation – Basics for Preservation** – Below are a number of research-driven projects that we have undertaken this year that have solved a number of problems during the course of restoration and maintenance projects (related car in parentheses):

- Batteries for auxiliary circuits – Nickel-Iron Edison (639)



**Above:** The full restoration of Lexington & Boston St. Ry. single truck car 41 continues to make steady progress. Recovered as a diner in the early 1960s, the progress is striking. Three doors cut in the sides are gone; the rebuilt roof is complete; side panels are on; and truck rebuilding is well under way. DC

- Blow-out coil-accidental reversal (838)
- Controller contacts (operating fleet, 41, 838)
- Brake release springs (4, 639, 5821)
- Two-motor car using four-motor control (4175)
- Non-functioning of main line breaker (5821)
- Fenders, types and fabrication (38, 4175)
- Track scrapers – revive these once common trolley fixtures (41, 1160)
- Castings-foundry field trips – building relationships (14, *Peacock Lounge*)
- Veneer factory field trip (*Narcissus*)
- Bending mahogany trim (*Narcissus*)
- Headlining – Types available, sizes, bending, compromises (41, *Narcissus*)
- Availability of long pieces of Southern Yellow Pine (*Narcissus*)
- Truck design – reviving (41, *Peacock Lounge*)
- Truck and motor springs – design and spec (*Peacock Lounge*, 41)
- Shellac – varnish (*Narcissus*, 6131)
- Paints – keeping up with long-lasting types, performance in Seashore service (4387, 5821, 6131)
- Interlocking rubber tile flooring (*Narcissus*)
- Roof-canvas paints/stains (*Narcissus*, 434D, 5821, 6131)
- Setup of standards for various processes
- Paint analysis – in progress (*Narcissus*)
- Seat cushion springs – re-evaluation of what is available (*Narcissus*)



**Left:** Randy Leclair works on the shellacked surface of a *Narcissus* interior trim piece. The rich wood color is clearly coming back. DC  
**Right:** Cam Alcock bends a half-oval trim piece for Lexington & Boston St. Ry. box car 41. DC







**Above:** The high voltage K controllers used in most conventional streetcars require constant attention as breaking the current flows to the motors causes internal arcing. Here Ed Dooks adjusts the contact fingers in Boston Type 5 5821. DC



**Above:** John Melanson works on components for the Bemis truck being readied for Lexington & Boston 41. The truck, from a Norway & Paris (ME) car, was retrieved from a swamp some years ago! DC

## Restoration Projects

### Portland-Lewiston Interurban No. 14 *The Narcissus* Laconia 1914

Using our new *Enerpac* hydraulic lifting system, the car's body has been lifted from its trucks and is now stabilized on several sets of blocking, custom made for the project. This clears the way to detach body bolsters, and to remove rust from beams and trusses with a pneumatic needle gun. This requires removing the rest of the fastenings; then lowering the underframe straight down, after which it can be completely disassembled and defective components replaced. The trucks have been set off the track out of the shop to make way for this work. The various underframe bolts and tie rods (very deteriorated) are driven out using air drills and hammers.

The object is to disassemble the underframe so the steel side channels and attached long wood stiffeners, which together comprise the side sills, can be inspected and replaced if necessary.

This divides the project into two basic sections: lower underframe and upper wood ribs and sheathing.

All 60 of the upper cross roof ribs have been taken out, repaired or replaced, then screwed down with new stainless steel screws. The tongue-and-grooved poplar sheathing has been repaired and painted and will be reinstalled during 2018 after the underframe work has been done and the car is stabilized.

Meanwhile the mahogany pieces of the clerestory trim and a panel broken in dis-

assembly have been repaired by a retired dentist, member Carl Mabee. He also repaired or made new mahogany headlining arched (bent) joint strips.

The interior of the body roof is to be headlined with 3/16 inch Italian poplar plywood. The upper areas have a fairly sharp but short bend along each side of the clerestory, held in place by long strips of mahogany. The lower sections where the advertisements would normally be (had the Portland-Lewiston used them) are also bent over a gentler radius.

We have been experimenting to determine exactly what the unpainted finish of the car is. Until recently we have worked under the assumption that shellac would

not withstand our semi-outdoor conditions. Randy Leclair suggested we scrub trial areas with denatured alcohol. We then experimented in the car's clerestory. The arched windows in that area turned out to have the same shellac finish as the rest of the car which has a very deep rich finish. Based on our survey of the car we have concluded that the headlining was originally *Nile green* before being white-washed to improve lighting in the car.

As a related but separate project we have examined the few pieces of mohair upholstered seating that came with *The Narcissus*. Comparing them with period advertising and with the upholstery in Manchester 38 we found them very similar: the *Wheeler* seat made by the

**Above:** The program to upgrade Boston Elevated Railway 25-foot box car 396 continues on a time-available basis. Here Dick Avy, Jim Mackell, and John Melanson work on renewing the car's roof canvas. A century ago Boston had a fleet of over 1,200 of these cars, of which this is the only survivor. DC





Heywood-Wakefield Co. Some wood modification of the armrests will be added to make them completely correct. We have also taken the various iron castings borrowed from two of 38's seats to the two foundries we use and they have given us estimates. If funding for them is raised, this would make a good winter interior project.

**Claremont, NH Line Car 4** – This long time museum workhorse is an important tool for maintaining overhead trolley wire. The car is believed to have been built on the frame of an early open passenger car around 1900. It was twice loaned to the MBTA in Boston where it carried heavy wire reels, straining its structure. After many further years of service at Seashore, the car's wooden frame needed urgent repairs. Over the course of the summer of 2017 the underframe was thoroughly rebuilt using newly fabricated wooden components. Subsequently new flooring was installed as needed. In 2018 planned work will include repairs to the roof and roof framing, followed by reinstallation of the movable platform, which can be raised and lowered to access overhead wire.

**Boston Elevated Railway Center-Entrance motor car 6131 – G. C. Kuhlman 1919** – Restoration work was delayed because of a shortage of funding and interference with shop construction. When heating was restored it greatly increased productivity! Most of the under-body work had been completed so work progressed to the actual body structure. Until time ran out an active hot riveting crew installed several hundred steel rivets in the T-posts all around the body. Completion of the remaining rivets is scheduled for 2018. Many pieces of interior mahogany have been refinished and the first of the two vestibule roofs was rebuilt.

New electrical ducting and associated fixtures have been fabricated from sheet metal and sandblasted ready for paint. The electrical circuits that ran through these ducts have been placed in their approximate locations following the late Gerry O'Regan's invaluable drawings. All exposed steel surfaces have been primed ready for finish coats of Trolley Cherry Red *Awlgrip* polyester coating.

**Lexington and Boston box car 41 – 1901 Stephenson** – The body, is now supported properly and rests level on blocking at the correct height. To



**Above:** Eric Gilman and Tom Tello work on framing to support the protective wooden mat on the end of the roof of Chicago, North Shore & Milwaukee high speed interurban 755. DC

maintain its straightness the supporting jacks are near the ends of the body. The car's Bemis 203 truck is being assembled including its frame, wheels, and motors. The truck will use both rebuilt and new components. There are still two special castings for which we will need patterns. These will be tricky to make and we are still researching for how it can be done.

At his home workshop Jim Mackell is restoring or replacing all the sashes and doors, which are now mostly finished and waiting their turn to be installed. The many pieces of trim are likewise ready. The custom decorated Baltic birch headlining sheets are completed and awaiting installation. The roof has been canvassed and trolley boards installed. The work of overhauling its two K-10 controllers is well underway. A carefully made survey of all the components on hand or to be fabricated is finished.

#### **Other restoration work:**

**Toronto TTC Small Peter Witt 2890** – Body restoration of this car is essentially complete. Volunteer efforts in 2017 focused on refinishing the motorman's cab and completion of installation of accurate reproduction period advertising in the racks over the windows. The car is now waiting its turn for the shop crew to install the rebuilt motors in its trucks and place them under the car. So after more than a decade of volunteer effort this iconic symbol of North America's largest street railway will soon be a dynamic addition to the Museum's public operation.

**New Jersey Transit PCC 5** – Interior sheet metal panels were replaced. Seat

frames had replacements for corroded replacement feet fabricated and welded into place then were painted and reassembled.

**North Shore Line steel interurban 755** – New replacement door hardware was fabricated by original manufacturer (Adison & Westlake). New roof mats were assembled and installed. Both vestibule floors, exterior steel, and framing had new steel welded in to replace corroded areas.

**Bay State Street Railway closed car 4175** – New fenders are being fabricated and supporting brackets made. Controller wiring to accommodate the two-motor trucks available for the car is being studied. The car's original trucks had four motors.

**Denver & South Platte Railway Co. Birney 1** – All window sash has been repaired and installed. Final exterior paint has been applied. The car has benefited from multi-year grants by the Webster Foundation, supplemented by significant member contributions and volunteer labor. Another grant from the Foundation has been received in early 2018.

**Eastern Mass. Street Railway semi convertible 4387** – All four motors require overhaul but will be done in pairs in 2018. The car has benefitted substantially from generosity of Stoneham, MA, residents, where the car ran. As well it serves as a memorial to the contribution of three generations of Seashore members from the Stephenson family. We look forward to this car returning to operation with its classic lines and large windows, always popular with visitors and car crews.

**Manchester Street Railway wood interurban 38** – Rewiring of interior lighting is underway.

#### **General Maintenance of Fleet**

**Wheeling Curved-side 639** – Brake rigging and hand brakes were overhauled. Door operating circuit problems after an apparent lightning strike were researched and repaired.

**Boston Type 5 5821** – Roof canvas was replaced and all roof components repainted.

**Dallas Stone and Webster Standard 434** – New door fabricated and installed.

## Library Report

Karen Dooks, Librarian

This year saw many changes for the Library Committee. In September with Roger Somers' passing we lost an active and very supportive member of the Committee. Roger did leave a large gift to the Library of \$40,000. This will help greatly as we move forward in planning an appropriate home for the collection.

At the end of January 2017 the Committee sold used books at the Amherst Railway Train Show in Springfield, MA. This year we only took in a little over \$500 after paying for a table.

At the suggestion of Executive Director Sally Bates and with the approval of the Trustees, the Library Committee determined that the temporary use of rooms in the Arundel House would provide much needed work/office space for the Library Committee. Kristi Kenney of KW Architects was hired to provide the needed architectural materials for the Town of Arundel requesting that the Arundel House be converted from a residence to an archival use. Approval was received in December. This now allows the Committee to move forward with forming plans for an appropriate archival facility on the property. In the meantime, the Committee will have adequate workspace.

Over the summer the Library Committee approved the purchase of a tape recorder for Peter Osgood to use in his project of taping and transcribing interviews with Donald Curry in hopes of being able to preserve Donald's knowledge of some of the most important trolley cars owned by the Museum. Slowly that project has proceeded. At the same time, Peter Osgood donated a computer to the Library Committee. The computer is currently set up in the Administrative area in the Visitor Center, but will be moved to the Arundel House once the offices are set up there.



**Above:** The house adjacent to the Museum entrance, which was purchased with member donations, from the Butler family some years ago has, until recently, been rented to outside tenants. This year the Board voted to adapt the house for use by the Seashore Library giving much needed work space. JS

Members' collections and used books continue to arrive. We appreciate all that we get as they not only augment the current collection, but also provide many used books for sale. Material was received from the families of long-time members Paul Kehoe and Lester Stephenson. Another long-time member, Bob Terhune sent many trolley and railroad books as he cleared out his collection.

The Library website has been developed by Mark Sylvester and is almost ready to go online. It will be linked to the main Museum website.

With the passing of several long-time Seashore members a request was made through *The Dispatch* and *The Main Line* for the sharing of stories, memories, or notes about the history of the trolley era and the start of the Museum. An effort was made back in the 1990s to do this, but now it is even more important.

Continuing the work started in 2016, Kenyon Karl scanned as many issues of the *Dispatch* from the past as he could find. Russ Munroe donated his *Dispatch* collection to help in getting a complete set scanned. Norm Down also gave Kenyon his collection of clippings and photograph he had used in *The Dispatch*.

Kenyon has also scanned many other Museum publications which he has come across. This material has also been shared with the Curatorial Committee for the work Richmond Bates is doing in updating the curatorial files.

Ed Ramsdell has continued publishing *The Main Line: The Monthly Bulletin of the New England Electric Railway Historical Society Libraries* which is now in its ninth year. It can be found on the Museum's website at [trolleyuseum.org](http://trolleyuseum.org).

The Seashore Library online resources can be found on the Museum's website under the "Explore" tab and also at <http://tinyurl.com/zwhndoe>.



**Above:** Mark Sylvester mans the Seashore sales table at the huge train show held in Springfield, Mass. annually in late January. KD

**Below:** Darrell Arndt carefully test fits a new wooden plate that will connect the curved roof ribs to the steel end frame of Boston Elevated Railway Center Entrance car 6131. DC



**Left:** An annual feature of Seashore's Christmas Prelude celebration is a very frosty ride on Montreal Golden Chariot No. 2. The premium-fare ride sells out quickly. SA



**SEASHORE TROLLEY MUSEUM**

The New England Electric Railway Historical Society is a nonprofit educational institution dedicated to the preservation, exhibition, and operation of urban and interurban transit vehicles from the mid-nineteenth century to the present. It operates the Seashore Trolley Museum in Kennebunkport, Maine, and the National Streetcar Museum at Lowell in Lowell, Massachusetts. Its collection is displayed, interpreted, conserved, and operated for the public.

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Restoration Shop: 207/967-2540

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Web site: [www.trolleyuseum.org](http://www.trolleyuseum.org)

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**Below:** Society board of trustees members and officers participate in a strategic planning session guided by Don Evans (at extreme left). Don has a long-time professional background in planning and has been a guiding force in the rapid development of the West Coast Railway Heritage Park north of Vancouver, BC. This unique combination of skills has been a great resource for Seashore's evolution. TS



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In 2017 a total of 448 individuals and organizations contributed to the Society. The total amount contributed totaled over \$575,000. Over \$513,000 of this total was in cash, with the remaining \$62,400 as contributions of goods, material, or services. The Museum is very fortunate to have such generous donors among its membership and friends and extends its deep thanks to all who have given so generously.

Over \$208,000 of the cash donations were made to the general fund, which supports the vital administrative and maintenance expenses that keep the Museum operating.

The total contributed to restricted funds, much of it to support vehicle restoration projects, exceeded \$300,000. The total donated or bequeathed to the endowment was in excess of \$4,000.

The Board of Trustees of the New England Electric Railway Historical Society gratefully acknowledges the contributions of all of its members and friends. The following are those who gave at least \$25 during 2017:

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Sauer, John F.  
Stephenson, Zachary  
Tello, Thomas A.  
Tirrell, James & Rita  
Tobin, Roger G.  
Vaitkunas, James A.

#### Donations of \$500 to \$1,000

Arico, John E.  
Bates, Sally A.  
Bownas, William T. in honor of Donald Curry  
Brown, Frederick, J.  
Caliendo, Bob in memory of Andrew Tsihlis  
Callahan, William J.  
Carrier, Douglas, Jr.  
Clarke, Bradley H.  
Chamberlin, Dann  
Cunningham, Scott  
Drobnik, John J. & Kathleen M.  
Fay, Gordon H.  
Fulton, Donald E.  
Harrison, Kenton  
Harrison, Mark  
Harrje, Gail Melholt in memory of Lester Stephenson  
Hartman, Brad  
Hessler, Frederick  
Hoy, Lewis L.  
Hughes, Thomas H.  
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Jennings, Andrew  
Johnson, Ben  
Kelliher, Christopher  
Klein, David E.  
Meldrum, Helen  
Ogarek, Michael

Pence, Herbert  
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Saenger, Fritz Jr.  
Schantz, James D. in memory of Roger Somers  
Sullivan, Mark E.  
Whiteman, Jeremy T. in memory of Bob Hughes  
Wright Rail America Inc.

#### Donations of \$250 to \$500

Bishop, Chester E.  
Bagnell, Joseph A.  
Belcher, Jonathan  
Bennett, Jeffrey Hall  
Bogardus, Carl, Jr.  
Bottoms, Glen D.  
Brandt, William E.  
Buchholz, Roger C.  
Crawford, Ralph J.  
Deschene, Eugene  
Eisinger, Fred G.  
Ellis, Arthur S.  
Heiderich, Ronald Scott  
Johnson, Karl F.  
Johnston, David L.  
Legenhausen, William H.  
Littell, William  
Mackell, James J.  
Martin, Sanford R.  
McCloskey, James W.  
Mooney, Daniel  
Moore, Fred R.  
Morgan Stanley Smith Barney Global Impact  
Mulligan, Philip J.  
Nathaniel Gibbons  
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Schumm, Brooke, III  
Shriver, John  
Silva, Russell B.  
Strain, James  
The Boeing Company

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Barwise, Stanley  
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Berry, Robert  
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- Bookman, Scott in memory of  
Andrew Tsihlis
- Bork, John E.
- Bowles, Glenn in memory of  
Roger Somers
- Bray, Peter
- Brill, Kenneth A.
- Brink, Kenneth H.
- Brody, Andrew
- Brooks, Leonard
- Brower, Carole
- Brown, Daniel T.
- Brumaghim, James B.
- Bush, Phillip B., II (Capt.)  
Charles & Donna Gullage
- Chernack, Brian
- Clinton, John
- Coffin, Whitney V.
- Couri, John & Elaine
- Czachur, Theodore J.
- DeGhetto, Michael S.
- Delaney, Stephen
- Diamond Tours
- Drye, Robert C.
- Engle, Claude
- Fancy, John H.
- Fisher, Allan
- Follansbee, David W.
- Francis, Patrick E.
- Frank Zayac
- Galindo, Thomas
- Gebhardt, Wayne
- Goldsmith, Steve
- Griffith, Charles A., Jr
- Grosky, Marlene & Rick in  
memory of Roger Somers
- Guptill, Robert V.
- Haney, Richard R.
- Hart, Wayne
- Hastings, Tracy
- Havens, Joel R.
- Hazinski, Joseph R.
- Heggeman, John
- Hope, Walter and Irene
- Horn, M. Richard
- Hutchinson, Donald
- Jacobs, Jonathan & Ellen
- Jayne, Allan W., Jr.
- Jentzsch, Detlef
- John Fanning
- Judd, Bill & Jackie in memory  
of Andrew Tsihlis
- Karas, Daniel & Henry, Cheryl
- Kenslea, Michael
- Kornechuk, David C.
- Kossack, Frederick in memory  
of Roger Somers
- Laffin, David & Sandra in  
memory of Roger Somers
- Landrio, Gary E. in memory  
of Fred Perry
- Lennon, Marty W.
- Leonard, Joy
- Lilly, Jim in memory of Bob  
Hughes
- Littlefield, Ralph R.
- Lord, William A.
- Lowrance, Edgar G., II
- Lyons, Dennis J.
- Macaronas, Denise
- MacDougall, Susan
- Mandeville, Robert M.
- Margolis, Stephen
- Markey, Peter L.
- Martin, Carl
- McBride, Thomas G.
- McCaffrey, Paul
- McMahon, James T.
- McNamara, John
- Mentor Graphics Foundation
- Mercurio, John B., Jr.
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- Minnich, Ida Mae
- Mistrik, Lee W. & Linda J.
- Mora, Jeffrey G.
- Morrison, Donald F.
- Naugler, John R.
- On the Marsh Bistro
- Osgood, Kenneth in memory  
in Richard Osgood
- Otis, Patricia
- Parks, Alan B.
- Patterson, Allan
- Pearl, Jack
- Perkins, Donna
- Peters, Michael V.
- Roboff, Gary S.
- Rogers, David
- Rothaug, Walter H.
- Ruddell, Thomas A.
- Sanner, Richard
- Santarelli De Brasch, Thomas  
O.
- Sefranek, George A.
- Stamm, C. William
- Sullivan, Charles R.
- Taylor, Debra D. & Michael
- TECH NH, Inc in memory of  
Roger Somers
- Tomkavage, Nicholas
- Trefethen, Robert
- Turner, Ed
- Vandegrift, Thomas
- Ward, Peter
- Wartinbee, Ron
- Weinberg, Mark T.
- Wells, Bruce P. in honor of  
Donald Curry
- Wolfe, Julien
- Wright, Thomas A.
- Yee, Chester
- Donations of \$50 to  
\$100**
- Acker, Cynthia & Kenneth in  
memory of Roger Somers
- Arndt, Darrell T.
- Ashley, Thomas J.
- Austin, Roger W.
- Bachelder, J. Leonard
- BAE SYSTEMS
- Bates, Sally A. in memory of  
Roger Somers
- Beaucher, Steven
- Bebris, George J. in memory  
of George Bebris
- Bove, V. Michael, Jr.
- Bowles, David A.
- Bracher, Louise & Gerald
- Brainerd, Timothy D.
- B'Rells, Wayne
- Brewer, Thomas A.
- Brewster, H. Robert
- Brown, Lawrence S.
- Bruce, Colleen & Mike Hickey
- Brune, David T.
- Buckley, Michael J.
- Butler, Arthur
- Carrier, Douglas P., Sr.
- Casey, Thomas W.
- Christy Ferer
- Colarusso, James
- Collins, John J. in memory of  
John Collins USCG Aux
- Cook, Paul A.
- Crowell, Howard W.
- Delard, Richard in memory of  
Roger Somers
- DeLavega, Michael S. in  
memory of Roger Somers
- Dillon, Richard
- Dore, Christopher
- Down, Norman E.
- Downs, George T.
- Dulude, John R.
- Edling, Richard E.
- Entrot, Brian
- Ferguson, Arthur
- Fidelity Charitable Grant
- Fischer, Dennis
- Flynn, Maureen
- Forman, Mark Leonard
- Gabriel, George W. III.
- Geyerhahn, George in  
memory of Whitney Coffin
- Gibson, Henry A.
- Gillespie, Richard M.
- Gladney, Barbara
- Godek, Edward
- Golk, Harold C.
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Frank Welch
- Grady's Radio & Satellite TV
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- Gritman, Robert in memory of  
Keith Taylor
- Haberman, Charles
- Hall, Kevin
- Hanna, Steven R.
- Harling, David
- Hughes, Joan
- Humanchuk, Robert
- Hunter, Joseph H.
- Hutchison, Dave in memory  
of Warren Hutchinson
- Iwanow, Agnes A.
- Iwanow, Peter
- Jalbert, Nathan in memory of  
Bruce Biggs
- John & Pamela Young
- Kaplan, Eliot M.
- Kohanski, Robert W.
- Kopycinski, David H.
- Kulczak, Michael J.
- Kyper, John S.
- Lagace, Raymond
- Lamers Tour & Travel
- Lansley, Christopher
- Lapidos, Jack
- Lewis, Donovan J.
- Little Beach Books/ Suzanne  
Hersey
- Lynch, Sean in memory of  
Andrew Tsihlis
- Macsaacs, Steven
- Mallory, William
- Marcotte, Everett A.
- Masters, Stephen C.
- Masulaitis, Anthony
- McCaul, Luke
- McConnell, Marion
- McGinley, Terence K.
- McMahon, James P.
- Mill, Harriet
- Mohs, Larry in memory of  
Whitney Coffin
- Morgan, Jerilyn in memory of  
Tom Barry
- Morse, James
- Morse, Samuel
- Mulvey, Henry O.
- Mulvihill, James
- Myers, Zachary
- Nancy Plaisted
- Network For Good
- Newman, David
- Nobel, Michael
- Norkaitis, Neil F.
- Noyes, David
- Numrych, Sheila & Vaughn
- Olson, Gary P.
- O'Neil, Marge & Dan
- Parker, Douglas
- Pence, Herbert in memory of  
Roger Somers
- Penni, Anne in memory of  
Tom Barry
- Perkins, Thomas
- Petillo, John J.
- Pierce, Donald W.
- Pierog, John & Patricia in  
memory of Roger Somers
- Podgajny, Steve
- Poland, Theodore R.
- Randall, Nathan A.



Rapport, Charles L.  
Reiman, Douglas  
Reynolds, Charles E., Jr.  
Rizzo, Al  
Robertson, David  
Ross, Ernest  
Rossbach, Bernard  
Rothenberg, F. Scott  
Ruddell, Ronald P.  
Schneble, Paul J.  
Schultz, Eric  
Seferian, Rickworthe  
Semendinger, Paul R.  
Sharratt, Tom  
Shipman, W. Stevens, Jr.  
Siegerist, Steven  
Silver, Leonard W.  
Smith, G. Christopher  
Smith, Jane C.  
Snow, Glen  
Sorensen-Biggs, Alicia in honor of Bruce Biggs  
Spellman, John T.  
Spath, Adele B.  
Spath, Christopher T.  
Spath, Paul  
Springer, Clinton H.  
Stahl, Randy  
Starr, Bram  
Stickman Dialysis Ind.  
Swayze, John C.  
Swindell, Rita in memory of Whitney Coffin  
Tarbox, Gregory in memory of Andrew Tsihlis  
Thomas, John J., Jr.  
Thompson, Earl W.  
Tieuli, Anthony  
Trueheart, William H.  
Tsihlis, Phillip  
Van Tichelt, Robert  
VanDenHeuvel, Dirk J.  
Vardaro, Daniel  
Walton, Carlton  
Wasem, Ronald G.  
Watson, Mark F.  
Weissman, Frederick & Barbara  
Whitaker, Alan J.  
White, Paul F. in memory of Lester Stephenson  
Winkley, M. Dwight  
Wong, Howard  
Wood, John B.  
YourCause, LLC

## 2017 Museum Volunteers

The Society asks its volunteers to report the number of hours they have spent performing volunteer work. The value of this time is then recorded as an indication of the value of this unpaid labor.

Listed below are the 56 volunteers who reported hours in 2017. The grand total reported was more than 17,330 hours. Reporting hours is completely voluntary and, unfortunately, is a task not enjoyed by many volunteers, including some of those most active. Thus both the number of volunteers listed here and the hours reported vastly understates the total number of hours volunteered.

However, the Board of Trustees of the New England Electric Railway Historical Society extends its deep gratitude to all of its volunteers, both those listed here and those not, without whom the Museum could not function:

### 1000 or more hours

Gabriel, Chester  
Mackell, James J.  
Morse, Philip W.

### 500 to 1000 hours

Dooks, Edward  
Hessler, Frederick  
Karl, Kenyon F.  
LaRoche, Thomas  
Snow, Glen W.  
Tobin, Roger G.  
Vardaro, Daniel R.

### 250 to 500 hours

Curry, Michael  
Donnelly, Jr., John M.  
Engle, Claude  
Frost, Michael R.  
Gingell, Robert  
Kaplan, Eliot M.  
Mallory, William  
Mercurio, Jr., John B.  
Naugler, John R.  
Osgood, S. Peter  
Pence, Herbert  
Peters, Michael V.  
Rees, William  
Tirrell, Brendan  
dela Vega, Michael  
Weinberg, Mark

### 100 to 250 hours

Ames, Stanley

Aronovitch, Charles D.  
Bates, Richmond S.  
Butts, William A.  
Glickman, Todd  
Healy, Christopher  
Jayne, Jr., Allan W.  
Kornechuk, David C.  
Kurtasz, Peter  
Lane, Richard A.  
McCaffrey, Paul F.  
Middleton, Jr., John L.  
Ruel, Richard R.  
Taylor, Keith  
Villandry, Linda

### 50 to 100 hours

Carter, Frederic D.  
Harje-Melholt, Gail M.  
Tirrell, Jim  
Tirrell, Rita C.  
Tucker, Thomas W.

### Up to 50 hours

Allen, Duncan W.  
Arndt, Darrell T.  
Chadbourne, James D.  
Dresner, Lewis A.  
Haskell, Peter D.  
Howard, Mary & Dan  
McGinley, Terence K.  
McMahon, James P.  
Ruddell, Ronald P.  
Saenger, Jr., John

**Right:** Morrison Hill Station was once a stop on the Portland-Lewiston Interurban and this year received considerable work to prepare it for its role of hosting exhibits about *The Narcissus* and the restoration work undertaken at Seashore. PM



## 2017 New Members

The Society welcomes the following 178 new individual or family members and 35 business members who joined in 2017:

### New Individual/Family Members

Abrams, Matthew - Brookline, MA  
 Ando, Lindsay - Blackstone, MA  
 Antaya, Gary - Haverhill, MA  
 Balch, Lisa - Worcester, MA  
 Barrasso, Lorraine - Hampton, NH  
 Barreiro-Gramigna, Ricardo - Buenos Aires, Argentina  
 Baudler, Ernest - Jaffery, NH  
 Beaumont, Andrea - New York, NY  
 Bebris, Julie - Pelham, NH  
 Bebris-Kenney Family, - Pelham, NH  
 Benham, Nicole - Kennebunk, ME  
 Bentley, W Robert - Barre, MA  
 Bockley, Tony - Malden, MA  
 Bowers, Dana - Guilford, CT  
 Bowers, Michael - Essex, CT  
 Boyle, John - Moylan, PA  
 Bozzuto, Richard - Sharon, MA  
 Bradlee, Bill - Naples, FL  
 Broomfield, Jeremiah - Biddeford, ME  
 Bruce, Colleen - Sanbornville, NH  
 Buglak, Michael - Collegeville, PA  
 Bullen, Ryan - Salem, NH  
 Burke, Justin - Standish, ME  
 Butts, Rick - Carver, MA  
 Cain, Kathleen - S. Portland, ME  
 Cantwell, Daniel - New York, NY  
 Case, Edmund - Newtonville, MA  
 Castro, Steven - New York, NY  
 Cater, Josh - Biddeford, ME  
 Chace, Peter - Kennebunk, ME  
 Chacon-Rivera, Alan - Manchester, NH  
 Chagnon, Denis - Somerville, MA  
 Chausse, Devin - Allston, MA  
 Chen, Frank - Brighton, MA  
 Colantonio, Sarah - Biddeford, ME  
 Colarusso, James - Weymouth, MA  
 Combs, Debbie - South Portland, ME  
 Crain, Daniel - Huntington Station, NY  
 Crisman, Sharon - Kennebunk, ME  
 Cromwell, Suzanne - Lawrence, MA  
 Crowley, Paul - Kennebunk, ME  
 Curtiss, Timothy - Wells, ME  
 Czaja, Ronald - Bath, ME  
 Davis, Pamela & Carolina - Pelham, MA  
 Diehi, Douglas - Sharon Hill, PA  
 DiSalvo, Cynithia - Kennebunkport, ME  
 DiTomasso, Nancy - Saugus, MA  
 Dobson, Kassi - Acton, ME  
 Dolor, Michael - Nottingham, PA  
 Donnelly Sr., John - Cambridge, NY  
 Dougherty, Matthew - Wells, ME  
 Dudgan, Michael - Melrose, MA  
 Dukeshire, Scott - Methuen, MA  
 Dunn, Latara - Kennebunkport, ME  
 Dupre, Charles - Wells, ME

Durham, Dory - Mishwaka, IN  
 Dyck, Jordan - Kennebunk, ME  
 Elwell, Paul - Dorchester Center, MA  
 Ericsson, Rebecca - Melrose, MA  
 Ferer, Christy - New York, NY  
 Finkel, Dario - Lynnfield, MA  
 Flaherty, Dennis - Saco, ME  
 French, Richard - Kennebunkport, ME  
 Geele, Chris - Waldoboro, ME  
 Gibbons, Nathaniel - Greens Farms, CT  
 Golden, Molly - Long Island City, NY  
 Grant, Jason - Nashua, NH  
 Guadagni, Louis - Brooklyn, NY  
 Haggard, Gale - Ballwin, MO  
 Harden, Rebecca - Kennebunk, ME  
 Harmon, Thomas & Kelly - Brick, NJ  
 Hegg, Sam - Newton, MA  
 Height, Catherine - Brick, NJ  
 Height, Michael & Lindsay - Brick, NJ  
 Herness, Nells - Wausakee, WI  
 Holbrook, Nicole - Kennebunkport, ME  
 Houle, Jennifer - Braintree, MA  
 Hrono, Matthew - Salem, MA  
 Hughes, Brandan - Cambridge, MA  
 Huot, Christine - New Gloucester, ME  
 Hurlburt, Jacqueline - Kennebunkport, ME  
 Italien, Jennifer - Saco, ME  
 Jacobs, Jonathan - Newton Center, MA  
 Jenulevich, N. - Waterboro, ME  
 Johnson, Heather - Sturbridge, MA  
 Johnson, Katherine - South Portland, ME  
 Kaplan, Linda - Brookline, MA  
 Kaye, Christopher - Joliet, IL  
 Kimball, Ronald - Arundel, ME  
 King, Terrence - Monmouth, ME  
 King, Jordan - Boston, MA  
 Kitchen, Jeff - Wells, ME  
 Koch, Eveline - Holland, MI  
 Lapidos, Jack - San Francisco, CA  
 Lea, Gordon - Saco, ME  
 Leavitt, Dan - Peabody, MA  
 Legay, Martin - Merrimack, NH  
 Lizotte, Michael - Arundel, ME  
 Mabee, Carleton - Kennebunkport, ME  
 MacDonald, Kelly - Kennebunk, ME  
 MacDougall, Susan - Brick, NJ  
 Mack, Chelsea - Cape Porpoise, ME  
 Manwiller, Kenneth - New Ipswich, NH  
 Martelli, Jacalyn - Kennebunkport, ME  
 Mauro, Joe - Wells, ME  
 Mayka, Thomas - Mountan Top, PA  
 Mc Carthy, John - Danvers, MA  
 McAuley, Shirley - Biddeford, ME  
 McCaul, Luke - Cincinnati, OH  
 McIlvaine, James - Warminster, PA  
 McLean, Bridget - Arundel, ME  
 Mills, Christopher - Salem, MA  
 Mills, Lawrence - Hanson, MA  
 Moore, Joseph - Kennebunk, ME  
 Morrison, Leslie - Barnet, VT  
 Murphy, Tim - Marsfield, MA  
 Myers, Zachary - South Portland, ME  
 Nelson, Brian - Bronx, NY  
 Noble, Adrienne - Kennebunkport, ME

Northrop, Shelly - Dayton, ME  
 O'Neil, Meghan - Saco, ME  
 Oswald, Susan - Brick, NJ  
 Pakowski, Rebecca - Biddeford, ME  
 Parise, Adam - Cambridge, MA  
 Parlin, Joseph - Chettenham, PA  
 Pavone, John - Columbus, IN  
 Petersen, Michael - Haverhill, MA  
 Peun, Suphanny - Portland, ME  
 Pierce, Lisa - Kennebunkport, ME  
 Pierce, Donald - Colchester, VT  
 Pironti, Amy - Kennebunkport, ME  
 Pollman, Mary - Wakefield, MA  
 Pursell, Natalie - Westborough, MA  
 Rana, Louis - Biddeford, ME  
 Reed, Jennifer - Sturbridge, MA  
 Reed-Nickerson, Leighton - Victoria, BC  
 Reitz, Kathy - Ferrisburgh, VT  
 Reynolds, Pam - Kennebunkport, ME  
 Ridout, Gary - Delta, BC  
 Roberge, Elaine - Kennebunkport, ME  
 Robert, Jill - Lyman, ME  
 Rogowsky, Larry - Bronx, NY  
 Ross, Gerard - Kennebunkport, ME  
 Rothenberg, Scott & Lisa - Houston, TX  
 Ruggiero, Ronald - Hampton, NH  
 Rutherford, Nicole - York, ME  
 Ryan, Barbara - Biddeford, ME  
 Sceppa, Robert - Arlington, MA  
 Scott, Nicolas - Ridgewood, NJ  
 Seppa, Robert - Kennebunkport, ME  
 Sevigny, Gerard - Reading, MA  
 Shevenell, Samantha - Hollis, ME  
 Smith, Arnold - South Portland, ME  
 Smyth, Sean - Quincy, MA  
 Solomon, Gary - New York, NY  
 Splittgerber, Dean - Delanson, NY  
 Stahl, Randy - Webster, MA  
 Staiti, Cristine - Arlington, MA  
 Stephenson, Zachary - North Reading, MA  
 Stevenson, Charles - Somerville, MA  
 Strain, James - Arnold, MO  
 Sullivan, Brian - Norwood, MA  
 Tilney, Peter - Kennebunkport, ME  
 Tsihlis, Phil - Shewsbury, MA  
 Twigg, Anna Mae - Kennebunk, ME  
 Tyre, Jon - Kennebunk, ME  
 Vincent, Steven - Sanford, ME  
 Vose, Kate - Falmouth, ME  
 Wachs, Karen - Arlington, MA  
 Ward, Katrina - Biddeford, ME  
 Warkany, Joseph - Cincinnati, OH  
 Welch, Debbie - Kennebunk, ME  
 Wertanen, Amanda - South Portland, ME  
 Wescott, Lynn - Standish, ME  
 Weston, Sarah - Kennebunk, ME  
 Williams, Christine - Kennebunk, ME  
 Wilmot, Kelly - Biddeford, ME  
 Wong, Daniel - Brookline, MA

### New Business Members

Angelrox - Biddeford, ME  
 Avita of Wells - Wells, ME  
 Better Than Average LLC - Barrington, NH



Gartland Distributors - Biddeford, ME  
 KW Architects - Wells, ME  
 Sidetrack Products - Waltham, MA  
 Mailings Unlimited - Portland, ME  
 Maine Shellware - Bangor, ME  
 Parker Foster Assoc. LLC - North Berwick, ME  
 Seacoast Media - Portsmouth, NH  
 Sephone Interactive Media - Bangor, ME  
 Sexton - Biddeford, ME  
 Sooper Dogs - Biddeford, ME  
 Trade Center Inc. - Biddeford, ME  
 WWSF 1220 AM & 102.3 FM - Sanford, ME

## **Founders Legacy Society**

### **The Society**

The Founders Legacy Society, named for those\* who founded Seashore Trolley Museum in 1939, was established in 2017 to recognize and honor friends who intend to remember the New England Electric Railway Historical Society by making a bequest or other form of planned or deferred gift. Such gifts will benefit NEERHS in the years ahead without necessarily requiring that the donor fund the gift at the present time. While the gift is deferred, the benefits of membership in the Society begin immediately.

This is a unique opportunity for you to gain the personal satisfaction of making an investment that connects people to transit history now and for future generations.

Every gift strengthens NEERHS as it carries out its mission of preserving knowledge, context, and resources. NEERHS is deeply grateful for such support, and membership in the Founders Legacy Society provides one way for NEERHS to

\* *Seashore Founders in 1939:* John E. Amlaw, Horton K. Banks, Charles A. Brown, Thomas H. Brown, Gerald F. Cunningham, Lucien B. Phinney, Theodore F. Santarelli de Brasch, Daniel M. Twomey

show its gratitude for their generosity.

### **An Invitation**

If you let us know that you have provided at least \$10,000 for New England Electric Railway Historical Society in your will, trust, pooled life income fund, life insurance policy, gift annuity or retirement fund, you immediately become a full member of the Society. Your gift need not be irrevocable and we understand that situations change. It is your current expression of commitment to NEERHS that is important.

Seashore Trolley Museum Founders Legacy Society members receive a membership certificate recognizing their intentions. Members are listed in the NEERHS Annual Report and are honored at Annual Meeting and Members Day.

### **Legacy Society Initial Members**

Todd Glickman  
 Kenton T. Harrison  
 John Middleton  
 Fred Maloney  
 Roger Somers



**Above:** Some of the heavy equipment used by the timber harvesters shown in a newly cleared staging area. PM

**Below:** This panoramic view shows the magnitude of the lumber harvesting on the Museum's north terminal property in Biddeford, about 2.5 miles north of Talbott Park. The project earned more than \$34,000 as much of the timber was of marketable quality. PM



**Below:** A view of the surprisingly intricate wiring that controls the wayside signals that are designed to prevent accidents between operating cars. CB

**Below:** Landscaping underway around the signal cabinet. Interurban trolley lines typically used such signals. Urban lines in mixed traffic did not. CB



## Signal Report

Chester Bishop, Superintendent of Signals

The annual testing of relays and track circuits started the season. It was discovered that the second dwarf semaphore had been damaged by an electrical surge and was out-of-service. Since it costs about \$1,000 to have an armature rewound, and the other semaphore had failed several years before, the decision was made to remove both semaphores and substitute color-light signals. Fortunately, this event was anticipated and two light signals had been overhauled some years earlier.

The replacement effort was interrupted by early snow and is on hold. The control wiring in the relay cabinet for the semaphores was removed to make room for the replacement wiring which remains to be done (the circuits are different). An order was placed and received for clear outer lenses, which can be adjusted to direct the light toward the operator's eyes. Testing in the spring revealed a grounded line circuit and a different pair of wires was tested and substituted.

Housekeeping activities included cutting much brush in the vicinity of the storage boxcar and signal cases. Also accomplished was leveling the walking path along the main line from McKay Crossing to Seaward Switch, a much-used route until the work at Seaward is completed. We also participated in "brush chopper day" throughout the property.

Early in the summer we moved the new SEA cabinet to its intended location at Seaward Switch and mounted it on the foundations installed previously. We unearthed the underground cables at SEA location and extended them into the SEA cabinet. In order to compensate for the foundation piers being slightly too high we placed concrete blocks to make an elevated platform in front of the cabinet. Then we made some of the wiring connections of the cable to the cabinet terminals.

Later in the season we designed, ordered, and received a pre-cast concrete foundation for the proposed dwarf signal No. 39 approaching Seaward Switch outbound. Also purchased was electrical underground cable for No. 39 signal.

An indoor project was making and installing shelving in the signal shop for small parts and hardware.

# Financial Report

## Notes to Financial Statements

### Note 1 - Nature of the Organization

New England Electric Railway Historical Society (the "Society"), the owner and operator of the Seashore Trolley Museum in Kennebunkport, Maine, and the operator of the National Streetcar Museum in Lowell, Massachusetts, (each a "Museum", collectively the "Museums") is a Maine nonprofit educational organization dedicated to the purposes of providing a source of information of a scientific and educational nature relating to the historical and mechanical use and development of electric street railways and collecting, preserving and maintaining, for study and exhibition, electric street railway cars of the various periods and all types, forms and examples of electric street railway equipment; and doing all things necessary and properly pertaining to the accomplishment of the above mentioned purposes. The Society operates a museum store as an auxiliary operation.

### Note 2 - Summary of Significant Accounting Policies

The financial statements of the Society have been prepared in accordance with the principles of fund accounting. Income is recognized when earned and expenses are recognized when the obligation is incurred.

**Method of Accounting** - The accompanying financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America.

**Financial Statement Presentation** - Financial statement presentation follows the recommendation of the Financial Accounting Standards Board in its Statement of Financial Accounting Standards, *Financial Statements of Not-for-Profit Organizations*. Under the standard, the Society is required to report information regarding its financial position and activities according to three classes of net assets: unrestricted net assets, temporarily restricted net assets, and permanently restricted net assets. A description of the three net asset categories follows.

**Unrestricted net assets** - Net assets that are not subject to donor-imposed restrictions. This category also includes net fixed assets and net assets which have been designated by the Board of Trustees.

**Temporarily restricted net assets** - Net assets subject to donor stipulations that may or will be met either by actions of the Society and/or the passage of time.

**Permanently restricted net assets** - Net assets subject to donor stipulations that they be maintained permanently by the Society. Generally the donors of the assets permit the Society to use all or part of the income earned on related investments for general or specific purposes.

**Use of Estimates** - The preparation of financial statements in conformity with generally accepted accounting principles in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates.

**Revenue Recognition** - The Society recognizes all contributed support as income in the period received. Contributed support is reported as unrestricted or as restricted depending on the existence of donor stipulations that limit the use of the support. When a restriction expires, that is, when a stipulated time restriction ends or the purpose restriction is accomplished, temporarily restricted net assets are reclassified to unrestricted net assets and reported in the statement of activities as net assets released from restrictions.

Restricted support is reported as an increase in unrestricted net assets if the restriction expires in the reporting period in which the support is recognized.



Revenue derived from annual membership dues is recorded over the period to which the dues relate. Life membership dues are considered income in the year received. Grant revenue is recognized to the extent expenditures are made which can be charged against the grant.

Merchandise sales from the Museum store and admissions to the Museum are recorded at the time of the sale.

**Cash and Cash Equivalents** - For financial statement purposes, the Society considers all highly liquid debt instruments purchased with a maturity of one year or less to be cash equivalents. Cash and cash equivalents consist of savings accounts, money market accounts, and money market mutual funds, and are carried at cost, which approximates fair market value.

**Investments** - Investments in marketable securities and mutual funds with readily determinable fair values and all investments in debt securities are reported at their fair values on the statement of financial position. Gains and losses are included in other revenue on the statements of activities and changes in net assets.

**Other Receivables** - Other receivables consist of accounts receivables due from various companies.

**Inventories** - The Society operates a museum store with related electric railway memorabilia and souvenirs held for sale. Inventory consists of museum store goods and merchandise and is stated at the lower of average cost or market, on a first-in, first-out basis.

**Pledges** - The Society may have certain non-binding pledges for its capital and operating funds from members and friends. These conditional pledges are not recorded until the related cash payments or asset transfers are received by the Society. Unconditional pledges are recorded when the Society receives legally binding notification of the contribution. No allowance for uncollectible pledges is considered necessary for the years ended December 31, 2017 and 2016.

**Property and Equipment** - Property and equipment, both purchased and donated, are recorded at cost and fair value at date of receipt, respectively, and depreciated on the straight-line method over their estimated useful lives ranging from five to forty years.

**Collections** - The Society does not capitalize its collections. However, each significant collection item is catalogued, preserved and cared for, and activities verifying their existence and assessing their condition are performed. The collections are subject to a policy that requires proceeds from their sales to be used to make betterments to other existing items or to acquire other items for collections.

**Income Taxes** - The Society is exempt from Federal and State income taxes under the provisions of the Internal Revenue Code as an entity described in Section 501(c)(3). In addition, the Society qualifies for the charitable contribution deduction under Section 170(b)(A) and has been classified as an organization other than a private foundation under Section 509(a)(2).

The Federal income tax returns of the Society are subject to examination, generally for three years after they were filed.

**Concentration of Credit Risk** - The Society maintains its cash equivalents in local financial institutions which provide Federal Deposit Insurance Corporation coverage up to \$250,000 and in investment accounts which provide Securities Investor Protection Corporation protection up to \$500,000. From time to time during the years ended December 31, 2017 and 2016, the Society's bank and investment accounts may have exceeded federally insured limits. Management has evaluated these risks and considers them to be a normal business risk. In February 2017 the Society obtained additional insurance coverage to protect 100% of its cash balances.

**Advertising Costs** - The Society uses advertising to promote its programs among the audiences it serves. Advertising costs are expensed as incurred. Advertising expense for the years ended December 31, 2017 and 2016 was \$16,632 and \$18,465, respectively.

**Functional Expenses** - The costs of providing various programs and other activities have been summarized on a functional basis in the statements of activities and changes in net assets and the schedule of functional expenses. Accordingly, certain costs have been allocated among the programs and supporting services benefitted.

### **Note 3 - Fair Values of Assets**

Effective January 1, 2008, the Society adopted Statement of Financial Accounting Standards, *Fair Value Measurements*, which provides a framework for measuring fair value under Generally Accepted Accounting Principles. *Fair Value Measurements* defines fair value as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. *Fair Value Measurements* requires that valuation techniques maximize the use of observable inputs and minimize the use of unobservable inputs. *Fair Value Measurements* also established a fair value hierarchy, which prioritizes the valuation inputs into three broad levels.

There are three general valuation techniques that may be used to measure fair value, as described below:

- 1. Market approach** - Uses prices and other relevant information generated by market transactions involving identical or comparable assets or liabilities. Prices may be indicated by pricing guides, sale transactions, market trades, or other resources;
- 2. Cost approach** - Based on the amount that currently would be required to replace the service capacity of an asset (replacement cost); and
- 3. Income approach** - Uses valuation techniques to convert future amounts to a single present amount based on current market expectations about the future amounts (includes present value techniques, and option-pricing models). Net present value is an income approach where a stream of expected cash flows is discounted at an appropriate market interest rate.

For the year ended December 31, 2017, the application of valuation techniques applied to similar assets and liabilities has been consistent. The following table sets forth by level, within the fair value hierarchy, the Society's investments at fair value at December 31, 2017.

## Statement of Financial Position - December 31, 2017

Investments	Quoted Prices in Active Markets for Identical Assets (Level 1)	
	Fair Values	
Mutual Funds	\$ 1,372,743	\$ 1,372,743
Total	\$ 1,372,743	\$ 1,372,743

Investments (cont.)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
	Mutual Funds	\$ -
Total	\$ -	\$ -

Fair value for investments is determined by reference to quoted market prices and other relevant information generated by market transactions.

### Note 4 - Investments

The fair market value of investments consists of the following at December 31:

Investments	2017	2016
Mutual Funds	\$ 1,372,743	\$ 1,193,878
Totals	\$ 1,372,743	\$ 1,193,878

The following schedule summarizes the investment return and its classification in the statement of activities for the year ended December 31, 2017:

2017	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
	Interest & dividend inc.	\$ 2,813	\$ 6,130	\$ 25,593
Realized & unreal. gains	15,705	9,215	129,500	154,420
Total Investment Return	\$ 18,518	\$ 15,345	\$ 155,093	\$ 188,956

The following schedule summarizes the investment return and its classification in the statement of activities for the year ended December 31, 2016:

2016	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
	Interest & dividend inc.	\$ 2,649	\$ 2,761	\$ 21,080
Realized & unreal. gains	7,276	4,089	48,927	60,292
Total Investment Return	\$ 9,925	\$ 6,850	\$ 70,007	\$ 86,782

For the years ended December 31	2017			Total
	Unrestricted	Temporarily Restricted	Permanently Restricted	
<b>Assets:</b>				
Cash and cash equivalents	\$ 373,943	\$ 747,679	\$ 252,038	\$ 1,373,660
Investments	146,744	90,851	1,135,148	1,372,743
Other receivables	78,850	-	-	78,850
Prepaid expenses	11,546	-	-	11,546
Inventories	50,834	-	-	50,834
Property and equipment net	1,510,191	-	-	1,510,191
<b>Total assets</b>	<b>\$ 2,172,108</b>	<b>\$ 838,530</b>	<b>\$ 1,387,186</b>	<b>\$ 4,397,824</b>
<b>Liabilities and Net Assets</b>				
<b>Liabilities:</b>				
Accounts payable	\$ 86,876	\$ -	\$ -	\$ 86,876
Accrued payroll and taxes	7,910	-	-	7,910
Deferred revenue	9,620	-	-	9,620
Other accrued liabilities	41,043	-	-	41,043
Total liabilities	145,449	-	-	145,449
<b>Net assets:</b>				
Unrestricted:				
Board designated	366,653	-	-	366,653
Undesignated	149,815	-	-	149,815
Designated - property and equipment	1,510,191	-	-	1,510,191
Temporarily restricted	-	838,530	-	838,530
Permanently restricted	-	-	1,387,186	1,387,186
Total net assets	2,026,659	838,530	1,387,186	4,252,375
<b>Total liabilities and net assets</b>	<b>\$ 2,172,108</b>	<b>\$ 838,530</b>	<b>\$ 1,387,186</b>	<b>\$ 4,397,824</b>

See accountant's report and accompanying notes to financial statements.

In January 2009, the Financial Accounting Standards Board (FASB) issued FASB Staff Position, *Endowments of Not-for-Profit Organizations: Net Asset Classification of Funds Subject to an Enacted Version of the Uniform Prudent Management of Institutional Funds Act, and Enhanced Disclosures for All Endowment Funds* (the "Staff Position"). The Staff Position provides guidance on the net asset classification of donor-restricted endowment funds for a nonprofit organization that is subject to an enacted version of the Uniform Prudent Management of Institutional Funds Act of 2006 (UPMIFA). The Staff Position also requires additional disclosures about an organization's endowment funds (both donor restricted endowment funds and board-designated endowment funds) whether or not the organization is subject to UPMIFA.

The New England Electric Railway Historical Society's endowment consists of ten (10) individual funds established for a variety of purposes. Its endowment includes both donor-restricted funds and funds designated by the Board of Trustees to function as endowments. As required by generally accepted accounting principles, net assets associated with endowment funds, including funds designated by the Board of Trustees to function as endowments, are classified and reported based on the existence or absence of donor-imposed restrictions.



## Statement of Financial Position - December 31, 2016

For the years ended December 31	2016			
	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
<b>Assets:</b>				
Cash and cash equivalents	\$ 323,529	\$ 776,497	\$ 301,105	\$ 1,401,131
Investments	128,488	74,163	991,227	1,193,878
Other receivables	16,806	-	-	16,806
Prepaid expenses	13,419	-	-	13,419
Inventories	58,718	-	-	58,718
Property and equipment net	1,270,154	-	-	1,270,154
<b>Total assets</b>	<b>\$ 1,811,114</b>	<b>\$ 850,660</b>	<b>\$ 1,292,332</b>	<b>\$ 3,954,106</b>
<b>Liabilities and Net Assets</b>				
<b>Liabilities:</b>				
Accounts payable	\$ 23,238	\$ -	\$ -	\$ 23,238
Accrued payroll and taxes	7,748	-	-	7,748
Deferred revenue	11,719	-	-	11,719
Other accrued liabilities	40,965	-	-	40,965
Total liabilities	83,670	-	-	83,670
<b>Net assets:</b>				
Unrestricted:				
Board designated	306,334	-	-	306,334
Undesignated	150,956	-	-	150,956
Designated - property and equipment	1,270,154	-	-	1,270,154
Temporarily restricted	-	850,660	-	850,660
Permanently restricted	-	-	1,292,332	1,292,332
Total net assets	1,727,444	850,660	1,292,332	3,870,436
<b>Total liabilities and net assets</b>	<b>\$ 1,811,114</b>	<b>\$ 850,660</b>	<b>\$ 1,292,332</b>	<b>\$ 3,954,106</b>

See accountant's report and accompanying notes to financial statements.

The Board of Trustees of the New England Electric Railway Historical Society has interpreted the State Prudent Management of Institutional Funds Act (SPMIFA) as requiring the preservation of the fair value of the original gift as of the gift date of the donor-restricted endowment funds absent explicit donor stipulations to the contrary. As a result of this interpretation, the Society classifies as permanently restricted net assets:

- the original value of gifts donated to the permanently restricted endowment funds,
- the original value of subsequent gifts to the permanently restricted endowment funds, and,
- accumulations, which are defined as the continuous growth of capital by retention of interest or earnings, to the permanently restricted endowment funds made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund. In the absence of specific direction, the accumulations are made to the funds in which they occur.

The remaining portion of any donor-restricted endowment funds that are not classified in permanently restricted net assets is classified as temporarily restricted net assets until those amounts are appropriated for expenditure by the Society in a manner consistent with the standard of prudence prescribed by SPMIFA.

In accordance with SPMIFA, the Society considers the following factors in making a determination to appropriate or accumulate donor-restricted endowment funds:

- the duration and preservation of the various funds,
- the purposes of the donor-restricted endowment funds,
- general economic conditions,
- the possible effect of inflation and deflation,
- the expected total return from income and the appreciation of investments,
- other resources of the Society, and,
- the Society's investment policies.

### Investment Return Objectives, Risk Parameters and Strategies:

The Society has adopted investment and spending policies, approved by the Board of Trustees, for endowment assets that attempt to provide a predictable stream of funding to programs supported by its endowment funds while also maintaining the purchasing power of those endowment assets over the long-term. Accordingly, the investment process seeks to achieve an after-cost total real rate of return, including investment income as well as capital appreciation, which exceeds the annual distribution with acceptable levels of risk. Endowment assets are invested in a well diversified asset mix, which

includes equity and debt securities, that is intended to result in a consistent inflation-protected rate of return that has sufficient liquidity to make an annual distribution of 5%, while growing the funds if possible. Therefore, the Society expects its endowment assets, over time, to produce an average rate of return of approximately 8% annually. Actual returns in any given year may vary from this amount. Investment risk is measured in terms of the total endowment fund; investment assets and allocation between asset classes and strategies are managed to not expose the fund to unacceptable levels of risk.

**Spending Policy.** The Society has a spending policy of appropriating, for current expenses, each year in December, no more than 5.00-percent of the average balance of its board-designated endowment fund and donor-designated endowment funds as of September 30 of the current year, and September 30 for the past two years.

In addition, the withdrawals shall not draw the balance of the fund below sum of all principal permanently contributed to the Fund over the years.

In establishing this policy, the Society considered the long-term expected return on its investment assets, the nature and dura-

## Statement of Activities and Changes in Net Assets

	December 31, 2017				December 31, 2016			
	Unrestricted	Temporarily Restricted	Permanently Restricted	Total	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
<b>Revenue:</b>								
Earned revenue:								
Admissions	\$ 194,651	\$ 4,120	\$ -	\$ 198,771	\$ 217,977	\$ -	\$ -	\$ 217,977
Annual membership dues	38,617	-	-	38,617	35,871	-	-	35,871
Revenue from								
auxiliary operation	84,888	21,943	-	106,831	97,973	8,421	-	106,394
Total earned revenue	318,156	26,063	-	344,219	351,821	8,421	-	360,242
Contributed support:								
Grants	858	10,000	-	10,858	1,806	24,400	-	26,206
Contributions & bequests	308,132	200,589	4,220	512,941	124,816	161,926	8,101	294,843
Contributions-in-kind	-	61,939	-	61,939	25,892	26,823	-	52,715
Contributed Services	500	-	-	500	37	-	-	37
Total contributed support	309,490	272,528	4,220	586,238	152,551	213,149	8,101	373,801
Other revenue:								
Interest and								
dividend income	2,813	6,130	25,593	34,536	2,649	2,761	21,080	26,490
Realized and unrealized								
gains (losses)								
on investments	15,705	9,215	129,500	154,420	7,276	4,089	48,927	60,292
Gain on sale of land	-	-	-	-	49,090	-	-	49,090
Miscellaneous income	107,399	7,887	-	115,286	158,606	2,770	-	161,376
Total other revenue	\$ 125,917	\$ 23,232	\$ 155,093	\$ 304,242	\$ 217,621	\$ 9,620	\$ 70,007	\$ 297,248
Net assets released								
from restrictions:	398,412	(333,953)	(64,459)	-	350,829	(303,864)	(46,965)	-
Total support and revenue	1,151,975	(12,130)	94,854	1,234,699	1,072,822	(72,674)	31,143	1,031,291
<b>Expenses:</b>								
Program services								
Curatorial and exhibits	322,092	-	-	322,092	320,776	-	-	320,776
Supporting services								
Membership	8,123	-	-	8,123	13,226	-	-	13,226
General & administrative	336,560	-	-	336,560	321,425	-	-	321,425
Fundraising	21,067	-	-	21,067	27,961	-	-	27,961
Auxiliary operation	164,918	-	-	164,918	230,095	-	-	230,095
Total support services	530,668	-	-	530,668	592,707	-	-	592,707
Total expenses	\$ 852,760	\$ -	\$ -	\$ 852,760	\$ 913,483	\$ -	\$ -	\$ 913,483
<b>Change in net assets</b>	299,215	(12,130)	94,854	381,939	159,339	(72,674)	31,143	117,808
<b>Net assets,</b>								
<b>beginning of year</b>	1,727,444	850,660	1,292,332	3,870,436	1,568,105	923,334	1,261,189	3,752,628
<b>Net assets,</b>								
<b>end of year</b>	2,026,659	838,530	1,387,186	4,252,375	1,727,444	850,660	1,292,332	3,870,436

See accountant's report and accompanying notes to financial statements.

tion of the individual endowment funds, currently all of which must be maintained in perpetuity because of donor-restrictions, and the possible effects of inflation. The Society expects the current spending policy to allow its endowment funds to grow at a nominal average

rate of 3.00-percent annually, which is consistent with the Society's objective to maintain the purchasing power of the endowment assets as well as to provide additional real growth through investment return.



## Schedule of Functional Expenses

2017

Year Ended December 31, 2017	Curatorial & Exhibits	Membership	General & Administrative	Fund Raising	Auxiliary Operation	Total Expenses
Salaries and related expenses	\$ 141,805	\$ -	\$ 135,575	\$ 1,240	\$ 67,045	\$ 345,665
Contributed services	-	-	500	-	-	500
Professional fees	6,552	-	41,414	-	-	47,966
Utilities	5,784	-	29,146	-	-	34,930
Conservation and maintenance	102,334	-	25,613	-	-	127,947
Taxes and fees	1,249	-	4,304	-	598	6,151
Insurance	-	-	22,670	-	-	22,670
Rent and equipment rental	1,380	-	9,359	-	-	10,739
Administration	11,614	7,359	57,237	1,366	5,044	82,620
Miscellaneous	633	-	843	-	560	2,036
Fundraising events	-	-	-	18,461	-	18,461
Cost of goods sold	-	-	-	-	84,714	84,714
<b>Total expenses before depreciation</b>	<u>271,351</u>	<u>7,359</u>	<u>326,661</u>	<u>21,067</u>	<u>157,961</u>	<u>784,399</u>
Depreciation	50,741	764	9,899	-	6,957	68,361
<b>Total expenses</b>	<u>\$ 322,092</u>	<u>\$ 8,123</u>	<u>\$ 336,560</u>	<u>\$ 21,067</u>	<u>\$ 164,918</u>	<u>\$ 852,760</u>

2016

Year Ended December 31, 2016	Curatorial & Exhibits	Membership	General & Administrative	Fund Raising	Auxiliary Operation	Total Expenses
Salaries and related expenses	\$ 150,797	\$ -	\$ 140,274	\$ 3,353	\$ 70,841	\$ 365,265
Contributed services	-	-	2,514	-	-	2,514
Professional fees	2,168	-	30,037	-	-	32,205
Utilities	3,996	-	23,977	-	-	27,973
Conservation and maintenance	91,993	-	16,647	-	-	108,640
Taxes and fees	-	-	4,956	-	495	5,451
Insurance	-	-	22,974	-	-	22,974
Rent and equipment rental	2,060	-	8,508	-	300	10,868
Administration	17,361	12,462	59,143	2,384	17,833	109,183
Interest	-	-	301	-	-	301
Miscellaneous	4,351	-	1,931	-	1,692	7,974
Fundraising events	-	-	-	22,224	-	22,224
Cost of goods sold	-	-	-	-	130,530	130,530
<b>Total expenses before depreciation</b>	<u>272,726</u>	<u>12,462</u>	<u>311,262</u>	<u>27,961</u>	<u>221,691</u>	<u>846,102</u>
Depreciation	48,050	764	10,163	-	8,404	67,381
<b>Total expenses</b>	<u>\$ 320,776</u>	<u>\$ 13,226</u>	<u>\$ 321,425</u>	<u>\$ 27,961</u>	<u>\$ 230,095</u>	<u>\$ 913,483</u>

Endowment net asset composition by type of fund as of December 31, 2017 is as follows:

2017	Unrestricted	Temporarily Restricted	Permanently Restricted	Total Net Endowment Assets
Donor restricted endowment funds	\$ -	\$ -	\$ 1,387,186	\$ 1,387,186
Board designated endowment funds	149,686	-	-	149,686
<b>Total funds</b>	<u>\$ 149,686</u>	<u>\$ -</u>	<u>\$ 1,387,186</u>	<u>\$ 1,536,872</u>

Changes in endowment net assets as of December 31, 2017 are as follows:

2017	Temporarily Restricted			Permanently Restricted	Total Net Endowment Assets
	Unrestricted	Temporarily Restricted	Temporarily Restricted		
Endowment net assets, begin of year	\$ 133,915	\$ -	\$ 1,292,332	\$ 1,426,247	
Contributions and additions	3,965	-	4,220	8,185	
Investment income	2,813	-	25,593	28,406	
Net apprec. (deprec.)	15,705	-	129,500	145,205	
Net assets released from restrictions	(6,712)	-	(64,459)	(71,171)	
Endowment net assets, end of year	<u>\$ 149,686</u>	<u>\$ -</u>	<u>\$ 1,387,186</u>	<u>\$ 1,536,872</u>	

## Statement of Cash Flows

For the years ending December 31	2017	2016
<b>Cash flows from operating activities:</b>		
Change in net assets	\$ 381,939	\$ 117,808
Adjustments to reconcile change in net assets to net cash provided by (used in) operating activities:		
Depreciation	68,361	67,381
Decrease in inventory valuation reserve	2,000	2,000
Gain on sale of land	-	(49,090)
Donated investment	(12,300)	
Net realized and unrealized (gain) loss on investments	(154,420)	(60,292)
Gains (losses) on sale of property and equipment	-	-
Changes in operating assets and liabilities:		
Other receivables	(62,044)	(10,691)
Prepaid expenses	1,873	1,826
Inventories	5,884	5,419
Accounts payable	63,638	(21,576)
Accrued payroll and taxes	162	1,616
Deferred revenue	(2,099)	181
Other accrued liabilities	78	538
<b>Net cash provided by (used in) operating activities</b>	<b>293,072</b>	<b>55,120</b>
<b>Cash flows from investing activities:</b>		
Purchases of investments	(27,602)	(121,727)
Sales of investments	15,457	12,625
Proceeds from sale of land	-	49,090
Cash paid for purchase of property and equipment	(308,398)	(136,853)
<b>Net cash provided by (used in) investing activities</b>	<b>(320,543)</b>	<b>(196,865)</b>
<b>Cash flows from financing activities:</b>		
Proceeds from (principal payments on) long-term debt	-	(11,812)
<b>Net cash provided by (used in) financing activities</b>	<b>-</b>	<b>(11,812)</b>
<b>Net increase (decrease) in cash</b>	<b>(27,471)</b>	<b>(153,557)</b>
<b>Cash at beginning of year</b>	<b>1,401,131</b>	<b>1,554,688</b>
<b>Cash at end of year</b>	<b>\$ 1,373,660</b>	<b>\$ 1,401,131</b>
<b>Supplemental cash flow disclosures:</b>		
Income taxes paid (refunded)	-	-
Interest expense paid	\$ -	\$ 301

### Schedule of non cash investing and financing activities:

Construction in progress completed in 2016	\$ 13,435	\$ 213,311
Cash paid for the purchase of property and equipment	\$ (13,435)	\$ (213,311)

There were no noncash financing activities for the year ended December 31, 2017 and 2016.

See accountant's report and accompanying notes to financial statements.

## Note 5 - Property and Equipment

The following summarizes land, buildings, and equipment at December 31:

Property and Equipment	2017	2016
Construction in progress	\$ 350,226	\$ 61,427
Land improvements	451,981	451,981
Buildings and improvements	1,837,351	1,837,351
Machinery and equipment	270,467	257,032
Track and wire	312,181	306,017
	\$ 3,222,206	\$ 2,913,808
Accumulated depreciation	(1,712,015)	(1,643,654)
<b>Property and equipment, net</b>	<b>\$ 1,510,191</b>	<b>\$ 1,270,154</b>

## Note 6 - Long-Term Debt

In September 2017 the Society opened a line of credit with a financial institution in the amount of \$50,000. The line bears interest at the Wall Street Journal Prime Rate plus 1.00% with a floor of 5.323%. The interest rate at December 31, 2017 was 5.50%. The line matures in September 2035. The line was not used during the year ended December 31, 2017.

## Note 7 - Restrictions and Limitations of Net Asset Balances

Permanently restricted asset balances represent funds that must be maintained in perpetuity as endowment. The income earned on these funds may be used for the general operations of the Society.

Temporarily restricted net assets consisted of the following at December 31:

Temporarily Restricted Net Assets	2017	2016
Program activities:		
Restoration of vehicle collection	\$ 508,856	\$ 434,584
Museum development	292,078	323,546
Miscellaneous	37,596	92,530
<b>Total temporarily restricted net assets</b>	<b>\$ 838,530</b>	<b>\$ 850,660</b>

At December 31, 2017 and 2016, certain unrestricted net assets had been designated by the Board of Trustees for the following purposes:

Board Designated Net Assets	2017	2016
Restoration of vehicle collection	\$ 14,328	\$ 11,828
Endowment	149,684	133,915
Miscellaneous	140,662	-
Museum Development	61,979	160,591
<b>Total board designated net assets</b>	<b>\$ 366,653</b>	<b>\$ 306,334</b>

## Note 8 - Contributions In-kind and Contributed Services

The Society recognizes various types of in-kind support, including donations of materials, supplies, office expenses, and other items. Generally accepted accounting principles in the United States of America requires recognition of professional services received if those services (a) create or enhance long-lived assets or (b) require specialized skills, are provided by individuals possessing those skills, and would typically need to be purchased if not provided by donation. In 2017 and 2016, there were services that met these criteria and management estimates the fair value of those services to be \$500 and \$2,514, respectively. However, most of the services received by the Society do meet those criteria. Management estimates the fair value of the services



not meeting the criteria to be \$403,836 for 2017 and \$319,963 for 2016, with a total of 17,324 volunteer hours for 2017 and 17,186 for 2016.

Directors and officers have made a significant contribution of their time to the Society and its programs. No amounts have been recognized in the accompanying statement of activities and changes in net assets because the criteria for recognition of such efforts under generally accepted accounting principles have not been satisfied.

The amounts reflected in the accompanying financial statements as contributions in-kind are offset by like amounts included in expenses and, in a couple cases, as additions to fixed assets.

**Note 9 - Commitments and Contingencies**

The Society maintains operating space in Lowell, Massachusetts as a small museum store and office space under an operating lease agreement for purposes of operating the National Streetcar Museum and displays. The agreement does not include a rental payment but does call for the Society to be responsible for all utilities, and is for a term of five years, ending June 30, 2012. The Society is still maintaining a presence in Lowell; however, a new lease agreement has not yet been signed. There was no rent paid for they years ended December 31, 2017 and 2016.

The Society maintains a storage facility in Lowell, Massachusetts under a month-to-month lease agreement for purposes of operating the National Streetcar Museum and displays. Rent expense for the years ended December 31, 2017 and 2016 was \$1,200.

In June 2014 the Society entered into a 60-month operating lease agreement for a copier. Rental payments are \$139 per month plus tax. Rent Expense for the years ended December 31, 2017 and 2016 were \$1,678.

Total minimum annual rentals are as follows:

	Total
2018	1,678
2019	979
<b>Total</b>	<b>\$ 2,657</b>

In October 2015 the Society entered into a contract for construction services totaling \$163,403. The project was completed in 2016. Payments made under this contract were \$75,919 for the year ended December 31, 2016.

In August 2017 the Society entered into a contract for construction services totaling \$298,880. The project was completed in early 2018. Payments made under this contract were \$293,395 for the year ended December 31, 2017. In March 2018 the Society signed a letter of intent to enter into a second contract for additional services with the same contractor, the contract has a minimum total value of \$231,738.

**Note 10 - Subsequent Events**

Subsequent events have been evaluated by management through June 5, 2018, which is the date the financial statements were available to be issued. Other than the contract disclosed in Note 9, there were no material subsequent events as of June 5, 2018 that require disclosure in the financial statements.

## Independent Auditor's Report

**To the Board of Trustees  
New England Electric Railway Historical Society  
Kennebunkport, ME**

We have audited the financial statements of New England Electric Railway Historical Society as of and for the years ended December 31, 2017 and 2016, and have issued our report thereon dated June 5, 2018, which contained an unmodified opinion on those financial statements. Our audit was performed for the purpose of forming an opinion on the financial statements as a whole. The schedules of functional expenses are presented for the purposes of additional analysis and are not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.



**Certified Public Accountants  
Kennebunk, Maine**

**June 5, 2018**

## Trustee Recognition Awards - 2017

At the year's Annual Meeting, held on April 29, 2017, the Trustee Recognition Awards and a special Executive Director's award were presented to the following uncommon individuals:

### Eric Gilman

The Board is honoring Eric for his dedication to the Society, his can-do attitude, and for being there whenever he is needed. As Assistant Yardmaster, Eric is always willing to step up to the plate to get the job done. And that willingness does not end at the Yard Limits. Eric also volunteers at the Shop doing inspections to keep the fleet moving and always makes himself available for special events.



"I'll be there if you need me" is a familiar Eric Gilman quote. Eric is also an avid North Shore fan who spends his spare time working on and seeking out funds for the upkeep and restoration of North Shore car 755.

### Brandon Barlow

The Board is honoring Brandon for his devotion to the duties inherent in his position as Yardmaster. His dedication and perseverance to this role is evident in the organization, timeliness, and efforts in executing the shifting required for the major building projects which have been occurring on campus for the last several years.



Brandon is also active in the Museum's "Rapid Transit Division" donning the division's custom designed uniform on Transit Day and other occasions when subway cars are featured.

### John Donnelly

The Board is honoring John for seeing a need and making it his own. After the 600 volt trolley bus wire was damaged in front of the multi-purpose building, John studied the situation, asked "How high do you want it" then set out to repair the damage. And he didn't stop there.



John went on to locate and catalog all the overhead parts on campus, cleaned up and restocked line car 4, and performed an inspection of trolley wire supplying the demonstration railroad main line determining 20 poles are in need of replacement.

### Bill Pollman

The Board is honoring Bill for the immense amount of effort and time he devotes to the Parts Warehouse as well as our fleet of New York subway trains.



Bill, a former Trustee, is the Curator of Rapid Transit Cars and has been laboring to repair the floor in one of the NYC subway cars which involves breaking up the concrete floor to expose the metal substructure needing repair. Bill has also been involved with sorting and cataloging the myriad of parts stored in the warehouse into a computerized database using QR Codes for identification.

### Executive Director's Award John L. Middleton, Jr.

As Vice President of Administration, John Middleton took care of Seashore Trolley Museum's business on a year-round basis. His knowledge and conscientious stewardship held things together and set the stage for me to do my job.



I relied on John to help me find my way here. He shared information with me and put it in a useful context.

He encouraged me, while letting me form my own impressions. He never imposed his own opinions or resisted changes.

John represents the museum well with his high energy, enthusiasm, professionalism and welcoming personality .

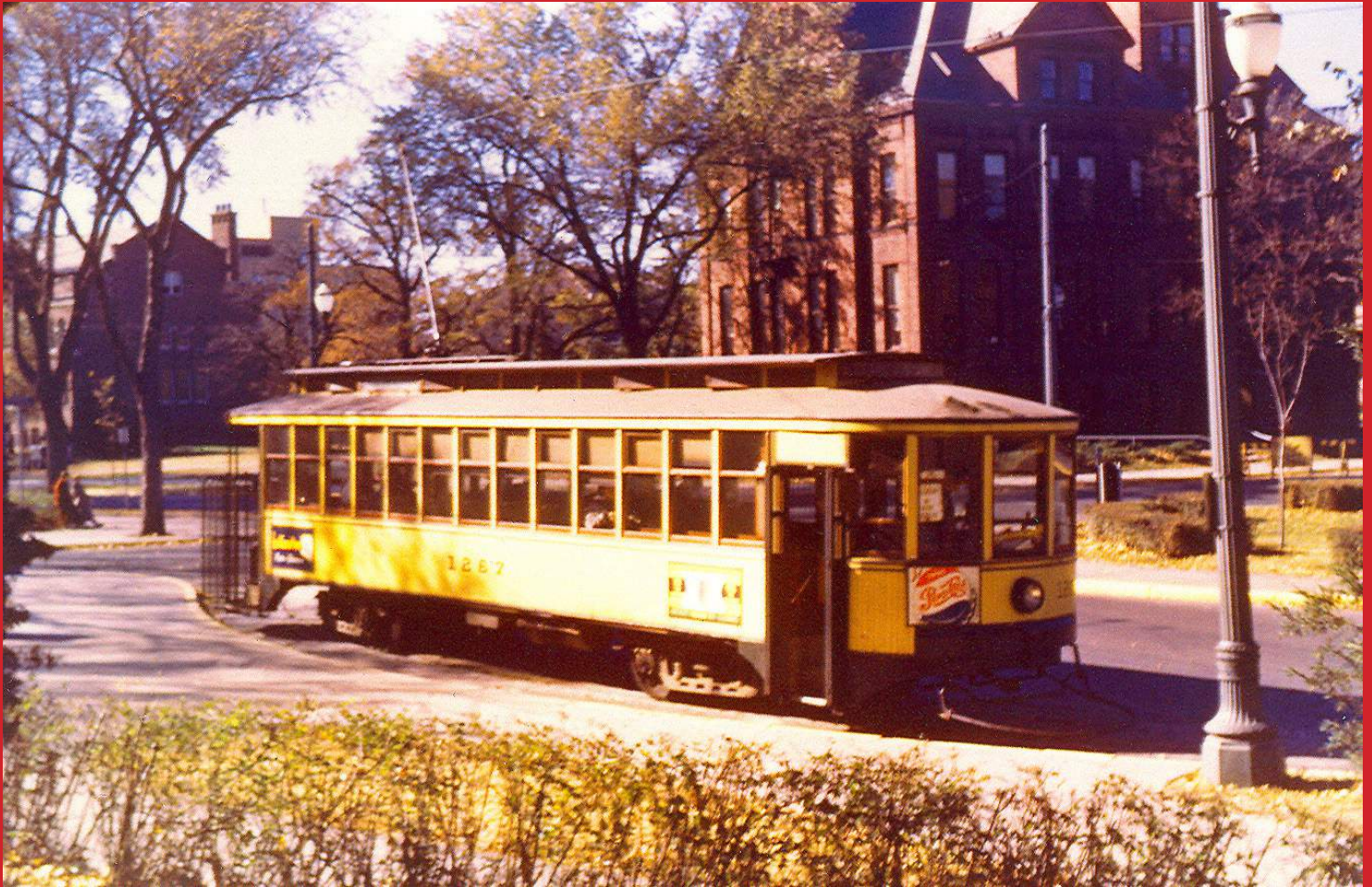
He inspires our visitors, and he inspires me.

On behalf of the New England Electric Railway Historical Society's Board of Trustees,

Members, Volunteers, Visitors, and me:

Thank you John, for your dedication to Seashore Trolley Museum and the example you set for others.





**Above:** One of the most distinctive cars in the Museum's collection is Twin Cities Rapid Transit 1267. The company, which served Minneapolis and St. Paul in Minnesota, built these extra-wide cars in their own shops. Known as "Gate Cars," they had a large rear platform that could rapidly board and discharge passengers controlled by opening and closing the wide steel mesh gates. Seashore's 1267 is shown late in its operating career—probably in the early 1950s—as the car pauses on the Minneapolis campus of the University of Minnesota, where the car spent its final years shuttling students between campuses. MS

**Below:** No. 1267 benefited from considerable restoration effort this year, including replacement of much of the tongue-and-grooved siding. Resplendent in new paint, the spacious car is shown carrying large numbers of visitors during the annual Pumpkin Patch event in October. PM

