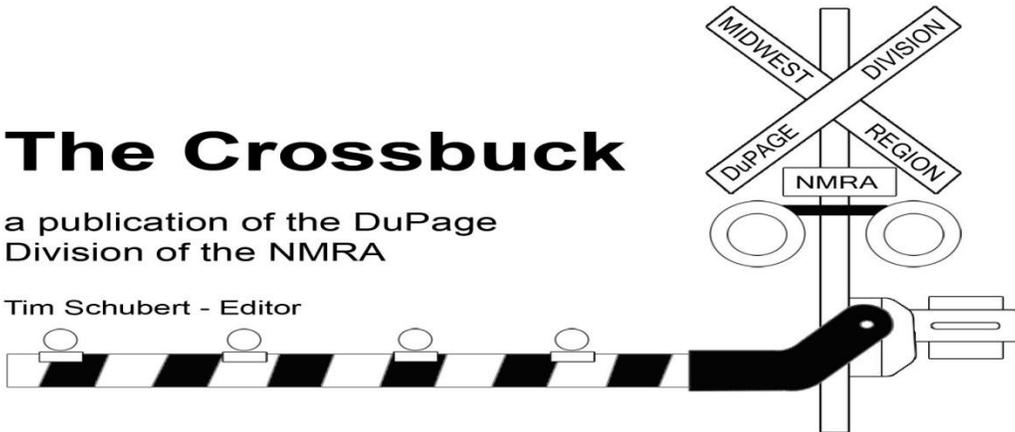


The Crossbuck

a publication of the DuPage
Division of the NMRA

Tim Schubert - Editor



Fall-Winter-2019 Edition

FROM THE SUPERINTENDENT'S DESK By Patrick Golden

Welcome everyone to what I expect will be a great 2019-2020 season for the DuPage Division. The Board of Directors met in late August and planned the year, including monthly presentations, monthly contests, layout tours in April, the holiday luncheon in December and much more.

First things first though. Allow me to introduce myself as the new Superintendent of the Division. Many of you may recognize the name as I have served the last sixteen years as coordinator of the Division's annual – and only – fundraiser, the All-American Railroad Show held every March at Lyons Township High School Fieldhouse in LaGrange, IL. A financial report on the show held last March is elsewhere in this issue of the Crossbuck.

I have been a member of the Division since 2000, took over the reins of the Railroad Show from the late Jim O'Toole in 2004, have presented numerous subjects many times at our meetings and last March took the plunge and tossed my

name in the hopper for Superintendent when the opportunity presented itself.

I believe we have a great Division we are all members of, we are in sound financial shape and we have a very enjoyable time at our monthly meetings. Every month has a contest, and even if you choose to bring nothing to enter in the contest, sometimes just observing the modeling skills of fellow members is a treat. And if you might wonder how this or that was done, everyone is willing to talk a bit about their models.

December will be our photo contest and we will have a special section this year dedicated to the Union Pacific Railroad's Big Boy 4014 tour which made a stop in the Chicago area in late June. You'd have to have been living on another planet to not have heard about it as the newspapers and television news stations provided extensive coverage.

Have something you'd like to talk about to the group? We're always looking for presenters and will typically entertain any idea model or railroad related. Slots are still open for this season.

The location and dates of the meetings are elsewhere in this Crossbuck too. If you've never
(continued on next page)

been to a Division meeting, I would strongly encourage you to come on out. The camaraderie can be contagious!

Like us on Facebook!



If you are on Facebook, find us at DuPage Division, NMRA. We are looking to grow our presence in this area and use it to promote our annual show. We also have a Division members only closed group as well. Our hobby is not dying, it has just moved to the digital world like many other things.

MEETING LOCATION FOR 2019-20

The Division meetings will be held at:

**St. Paul's United Church of Christ
5729 Dunham Road
Downers Grove, IL 60516**

The church is at the intersection of Dunham and Jefferson. There is plenty of parking and it is ADA accessible. Nearest major intersections: North – 55th Street/Maple & Dunham, South – 63rd Street & Dunham

Save a tree – Use less paper
Would you like to receive DuPage Division meeting announcements and newsletters via email? If so, and you have not previously provided your email address to the NMRA, send an email to dupagedivnmra@gmail.com with a subject line of Newsletter.

Division Fact: Over 80% of our membership receives information electronically

Division Officers For 2019-2020

Superintendent – Patrick Golden
Expires 5/31/21
Asst. Super. – Ray Gerlich
Expires 5/31/20
Chief Clerk – Tim Schubert
Expires 5/31/21
Paymaster – Kim Schlytter
Expires 5/31/20

Trainmasters (All terms expire 5/31/20)

Tim Schubert - *Crossbuck Editor*
Patrick Golden - *All American Railroad Show Chairman*
Ron Scharping - *Membership Chairman*
Rob Schiavone - *Achievement Program Chairman*
Charlie Lewis - *Contest Chairman*
Dave Koch – *Social Media*
Dave Angus – *Name Tags*
Jerry Howard – *Division Outreach*
Alan Busic – *Division Outreach*
Fred Henize – *At Large Trainmaster*
Perry Sugerman – *At Large Trainmaster*

Additional Trainmaster positions are available, if you are interested in volunteering, please see the Superintendent.

Contact Information is available on the Division website. Website: www.mwr-nmra.org/dupage

Division Address:

*DuPage Division – MWR – NMRA
1278 Oxford Lane
Wheaton, IL 60189*

Note: The Division has discontinued its Post Office box. Over the last two years, we've only received 2 model railroad related mailings and about 500 Comcast business mailings!

DuPage Division 2019-20 Calendar of Events

Month	Presentation	Contest
September 8, 2019	Card Order System <i>by Perry Sugerman</i>	Running Extra-Lite – Favorite Caboose, Waycar or End of Train Device with a favorite engine or locomotive
October 6, 2019	Modeling Water <i>by Fred Henize</i>	Special Use Stuff – Freight cars for unusual loads, mixed trains, business cars
November 3, 2019	History of the first Panama Railroad from 1855 to present <i>by Brian Krupicka</i>	NMRA & Chicago Railroad Month – Equipment that operated or operates in Chicagoland area
December 1, 2019	Division Christmas Party Regional/National News	Annual Holiday Season Photo Contest Spectacular! <i>We'll have a special focus this year on your Big Boy photos.</i>
January 5, 2020	Presentation pending	Locomotives built for or assigned to switching duties. This includes road switchers.
February 2, 2020	Presentation pending	Open Loads for all car types – flats, gondolas, hoppers and intermodal
March 1, 2020	Layout Command Control (LCC) <i>by Paul Wussow</i>	All Categories Extravaganza – Bring it all! Locos, cars, buildings, scenic vistas.
March 21, 2020	All American Railroad Show – 39th Annual at Lyons Township High School in LaGrange, IL	9am to 5pm Admission \$5
April 5, 2020	Layout Tours	No Contest
May 3, 2020	Presentation pending	A Favorite Train – Freight, Passenger or Work trains – locos and cars
May 14-17, 2020	Midwest Region Convention The Peoria Rocket <i>East Peoria, IL</i>	<i>Regional Contests</i>
June XX, 2020	Division Outing	<i>Let us know some things you want to see or places you may want to go.</i>
July 12-18, 2020	National Convention at St. Louis, MO. http://www.gateway2020.org	<i>National Contests</i>

BECOME A MASTER MODEL RAILROADER!

Get credit for the work you have done! See Rob Schiavone at one of our meetings to get guidance on the Achievement Program for the NMRA. You may be surprised that some of your work or volunteering counts towards this program. See details at <https://www.nmra.org/education/achievement-program>

REPORT OF THE 38th ANNUAL 2019 ALL-AMERICAN RAILROAD SHOW **By Patrick Golden**

The Division had a very successful All-American Railroad Show this past March and was able to generate a grand total profit to the Division of \$2,519.91. In comparison, our three previous years generated profits of \$2,149.57 in 2018, \$2,909.06 in 2017, and \$1,824.28 in 2016. These amounts include admission profit after expenses, concessions profit after expenses and coffee/lunch donations.

Our net gate (the take at the door after the money used to make change is deducted) was \$6,564.00 compared with \$6,032.25 in 2018, \$6,881.35 in 2017 and \$4,930.00 in 2016. As you can see every so often, we are hit with an off year and our profits dip a bit and then we have a banner year as we did last March. While we hit a high-water mark in 2017, with Division profits almost hitting \$3,000.00, this year was the second highest we have ever encountered. Paid attendance at this year's show was in neighborhood of 1,431 (those age five and older) based on the net gate and 118 passes, of 314 distributed, were used for a total attendance, age five and older, of 1,549. Add in those under five and you can see we had a pretty good show.

Total expenses, which includes postage, office supplies, printing, advertising, coffee and donuts came to \$1,914.33 compared with \$2,061.42 in 2018, \$1,416.23 in 2017 and \$1,456.52 in 2016.

For the eighth year now, the Division operated the concession, as we have done ever since the senior class school kids whose task it used to be to operate the concession opted to do a less than stellar job. Concession sales totaled \$1,294.90 against total expenses of \$1,000.99. Concessions typically operate at a break-even point but they are needed as many of the people who attend the show look for a light lunch or snack during their visit and we also use the concessions to provide lunches to the exhibitors.

Our contractual 50/50 split arrangement with the school resulted in a payment to the school of \$2,471.80 compared with \$2,088.69 in 2018, \$2,820.88 in 2017 and \$1,735.60 in 2016. A donation jar set out for coffee, donuts and lunches netted the Division an additional \$48.13 bringing the Division's total profit from the gate, concessions and donations to \$2,519.91.

Our Division had a table at the show and I need to send a heartfelt thank you to those who staffed it throughout the day. Kalmbach Publishing graciously donated three one-year subscriptions to *Model Railroader* magazine and the fine folks at the Illinois Railway Museum donated four family day passes to the museum. All seven prizes were awarded at the end of the day.

I need to send a sincere thank you to all the individuals who showed up on Friday evening to assist with set-up and to those who stepped up on the day of the show to collect money, stamp hands, man tables, count money and do any number of other small tasks that I called upon them to do. Your willingness to help is very much appreciated.

My goal has always been to put on the best show we can and one the public looks forward to and comes back to year after year. And I certainly believe we impress them as they walk through the door and see the trains, sights, sounds and exhibits waiting for them.

From the Back of the Roundhouse By Charlie Lewis

Upgrades for a Relic of Steam – Part 3

Project review: This locomotive was released in 1967 as a brass model of CB&Q 01-a 2-8-2 no. 4960 by LMB of Cleveland, OH. I started my work to re-detail the engine in 2017 as no. 4978, a Q 01-a which is now on exhibit at Mendota, IL. This clinic reports the progress with photos to highlight the new details and notes on techniques used with the project. It is not painted yet, as black will make the details disappear.

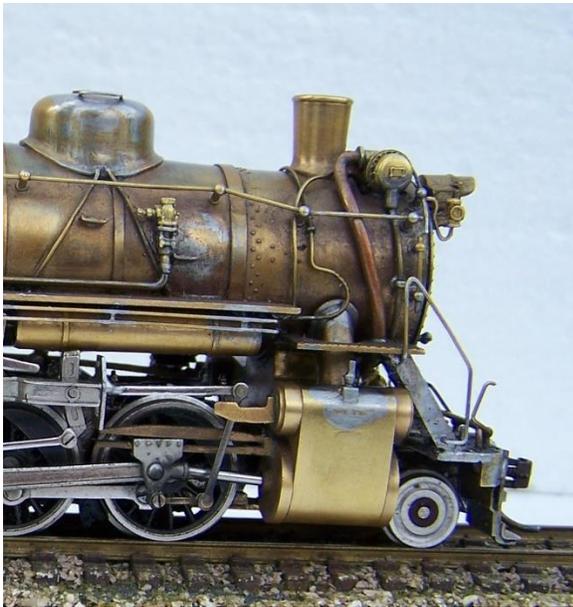


Photo 1 – right front of the engine

No. 4978 has an Elesco feedwater heating system. The heater is Cary no. FW-236. The smokebox of this engine very busy, with piping everywhere. The skills I used are called Extemporaneous Fabricating Techniques (EFT), making it up as I go, especially with piping. The piping requires much bending, fitting and soldering. I have an old steel caliper with metric units for pipe diameter with one-tenth of a millimeter being the smallest I can measure. It had to do for this project.

The large pipe for the cylinder exhaust is copper, 14-gauge solid electrical wire which is easier to bend and only slightly larger in

diameter than the 5-inch prototype, plus or minus .10mm. The smokestack was oversized at the rim and base and is a turned brass part. It was turned down some more on a Dremel. On the cylinder block sits a tiny piece of brass with a valve casting stuck in it. It is called a “snifter”. It permits air into the cylinders to break a vacuum when the engine is coasting, often downhill. The check valve (not quite CB&Q) is a heavy-duty Nathan valve from Cary (no. CV-132) installed at the Illinois Southern R.R. shop to run on my railroad thus making it an acceptable replacement.

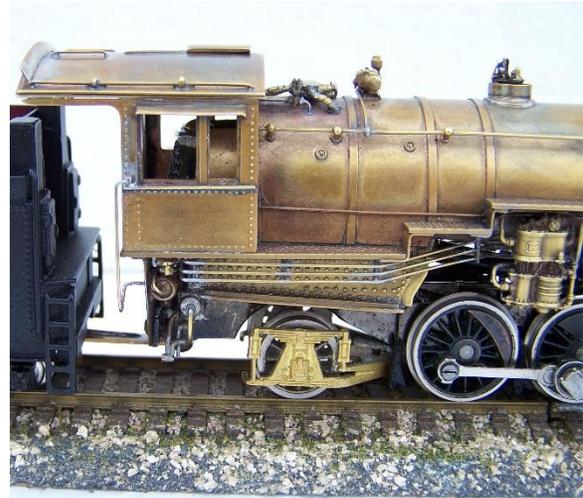


Photo 2 – Right rear of Engine

The auxiliary dome for the safety valves and whistle was rebuilt again. In the photos I checked, it looked like a coffee can stuck up there. A new air pump, no. Cal-Scale (CS) AP-346 with the strainer removed left just enough room for a Ragonnet power reverse (no. CS-216) which is only labeled as a “type C”. These casting show a dramatic improvement over the originals from 1967. The generator is CS no. GE-335 with a muffler plus its required air pump governor. Also, under the cab has been added from CS, no. AB-272, the air brake distribution valve and equalizing tank with piping. And looking closely at the photo of CB&Q no. 4972, the Elesco system oil trap is behind the firebox (Cary no. OT-228), with piping added to the return water to the injector plus the water pipe from the tender which required more bending, fitting and soldering.



Photo 3 – Left front of engine

Photos of CB&Q no. 4999 and 5083 had pipes everywhere. Cary has water pipes with lagging (part no. SP-237) (which were not always used on Q engines), to connect the heater to the check valve. Next to the upper cylinder is the mechanical lubricator (similar to CS LU-271) which I pulled from my 2-10-4 no. 6312. Remember the .10 mm? The hand grabs at the top of the sand and steam domes were produced using the EFT procedure and had to match really close. I used Suydam .015 phosphor bronze wire instead of brass.



Photo 4 – Left rear of engine

The Elesco pump (instead of a Worthington feedwater unit) was also pulled from loco no. 6312 as it was wrong for that engine, but correct for no. 4978. I had the CS SV-294 small starter valve and piping for the left side of the boiler to connect to the injector (CS NI-262) Nathan non-lifting type. Again, more piping with bending and soldering. The pump is probably Cal-Scale, once provided with their Elesco kit no. 2003.



Photo 5 – Totally CB&Q after 57 years.

Additional details are in Section 2 from 2018 (Crossbuck Fall-Winter 2018). The front of the engine is presented here to compare with the “before” photo in the FW 2018 Crossbuck now includes the new Elesco heater atop the smokebox. I’ve come a long way with this engine’s upgrades, but still have a little way to go.

The reference photos I used for this project were CB&Q no. 4972, 4999, 5083 and 5136 from Steam Locomotives of the Burlington Route by Bernard G. Corbin and William F. Kerka. I also gleaned some identification and locations of piping for steam locomotives and some important terms and names of parts, e.g. “snifter”, from the January 1961 issue of Model Trains (Kalmbach). Linn Wescott was “super”

detailing a Penn-Line M-1 2-10-0 and has some very good, basic piping diagrams.

Thanks to the Editor for helping with the photos and for his efforts to get this in the Crossbuck for me. The bell (CS BE-317) will be attached last. The tender still needs its cuckoo close reversing light. If I get this engine painted before December of this year, I may have "glamour" photos for the Crossbuck in 2020. And gratitude to all who added this story to their priority reading list.

Short Blasts (Things To Do)

Some upcoming model railroading events for your calendar:

Weds and Fri - Ridge Model Railroaders at SE Corner Ridge Rd and Colfax, Griffith IN. *Come out and support some of our Division members*

Fri and Sun – Elmhurst Model Railroad Club Open House 111 E. 1st St. Elmhurst, IL Friday – 7-10pm, Sun – 1-4pm
Come out and support some of our Division members

October 19-20 – Garfield-Clarendon Model Railroad Club 4501 N. Clarendon Ave, Chicago, IL 10am-4pm both days

October 24-26 – Railroad Prototype Modelers Conference (RPM) – Sheraton Hotel and Conference Center Lisle, IL
See <http://www.rpmconference.com> for details

October 26 – Prairie Scale Model Railroaders Open House 3 E. Ash St Lombard, IL 5pm-9pm *Come out and support some of our Division members*

Nov 9-10 – Trainfest at Wisconsin Exposition Center at State Fair Park in Milwaukee, WI 9am-5pm both days

November 22-24 – Valley Model Railroad Club Open House – 33W519 Kenyon Rd Elgin, IL F-7-10pm, S-1-10pm, S-1-6pm

November 29 – Prairie Scale Model Railroaders Open House 3 E. Ash St Lombard, IL 5pm-9pm *Come out and support some of our Division members*

December 6 - Kettle Moraine Ballast Scorchers Open House at 215 N. Main St. Suite 60 in West Bend, WI 4pm-8pm

December 27 – Prairie Scale Model Railroaders Open House 3 E. Ash St Lombard, IL 5pm-9pm *Come out and support some of our Division members*

If you know of any other events or are sponsoring an event, please let us know and we'll post it on the Division web site.

Keep your eye on our Facebook page as we will promote any upcoming model railroading or prototype events as we are notified.

WELCOME TO OUR NEWEST MEMBERS

- Robert Bracey – Chicago
- James Partak – Crest Hills
- Duane Berg – Downers Grove
- Zimmer Family – Elmhurst
- McKeegan Curran – Hinsdale
- Michael Amir – Orland Park
- Dwight Grady – South Holland
- David Wisniewski – Wheaton

Welcome to the NMRA and the DuPage Division – we hope to see you at a meeting!

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**This is your notification of the October 6th
meeting**

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