

January 2020

www.nmra-scwd.org

Volume 51 No. 5



Next SCWD Meet:

January 5, 2020 at 1:00 pm
Zor Shrine Temple

Model & Photo Contests: Page 5

Clinics: Page 4

Next BOD Meeting:

January 13, 2020 at 7:00 pm
Culver's Restaurant
2102 W. Beltline Hwy.

Next Youth Group Meeting:

January 5, 2020 at 1:00 pm
Rail School
Zor Shine Temple

Rail School 2020

Dr. Bill Clancy, Chairman

Our January 5th meeting is our annual presentation and demonstration to the public and our members of the enjoyment and benefits of model railroading. The make and take program can stimulate the youngsters to be excited about our hobby. For the adults, it may stimulate reflections to their past enjoyment of their model railroad experience.

For both the public and our members, there will be live demonstrations of new techniques and some improvements in older techniques. This will include among others, how to build paper structures from free files downloaded from the internet that you print. These structures are already created in color such as brick and wood which are quite realistic. There will also be demonstrations of building deciduous trees, evergreen trees with static grass, weathering tips, and many other meaningful demonstrations.

Come one, come all for a very stimulating meeting!

Bill Clancy



Model Railroad School

Fun. Educational. Free.

Turn a toy train into an operating model railroad!
New: Live demonstrations on building plastic structures: cleaning, craft painting, bracing, gluing and weathering.
Free, hands-on freight car project for kids to take home.

Sunday, January 5, 2020, 1-4pm

Zor Shrine Temple, 575 Zor Shrine Place, Madison WI

www.nmra-scwd.org

Hosted by the South Central Wisconsin Division of the National Model Railroad Association.

Super's Report

Phil Hottmann
Division Superintendent

I hope you are all having a great Holiday. I am looking forward to the season given that I'll have a certain amount of time off for working on the railroad. It's always great to have several days to get a few things done.

I'm planning to do a presentation at the Rail School on making pine trees utilizing static grass. There are a number of wonderful YouTube videos I've been following describing this process. I'm trying to incorporate the best of those ideas and Martin Welberg's techniques that I saw him demo at the Narrow Gauge Convention in Sacramento this year into what works best for me. I'm looking forward to showing you all what I've learned.



Phil Hottmann
Superintendent

When One Door Closes, Another Opens

Ken Hojnacki

What do you do when you're a Master Model Railroad-er, held offices from Divisional to National, been published for both modeling and prototype history and decide to take down yet another layout and move to an apartment? Well, ask Bill Ehlert. As most of us know, Bill is a long-time Soo Line modeler and had a great layout at his house until moving into a duplex, where he started a new Soo Line layout. Now, Bill has decided to move again, necessitating another layout to be dismantled.

In November, a small group was invited to Bill's for a final operating session on his Rugby Jct. layout. Nine

SCWD members joined Bill for an afternoon of Soo Line fun. Don Swinton and Larry Enlow assumed the roles of yardmasters at Rugby Jct. and the rest of us ran trains to Colgate and North Milwaukee. We had lots of fun switching cars and arranging meets—this was the most traffic on the single-track line in some time, so meets were an event. There were some fun switching moves and Bill railfanned the afternoon while we ran the trains.

Oh, what's next for Bill? Why another layout, of course. Bill said it will be a switching layout this time, based on John Allen's Timesaver. Can't wait to see it. And don't be too downhearted at the loss of the Rugby Jct. layout; Dave Down bought the layout and will reassemble it in his home when his layout room is ready. Can't wait to see what Dave does with it.

Herewith is some of the fun.



Lumber mill on the logging branch



Al Potts and Bill Weber switching at Colgate Siding



Lots of industries at North Milwaukee



Oh, No! Larry, what did you do?



View of the east end of the layout

View of the west end of the layout



Bringing the last cars down from the logging



Clinic Corner

By Bob Wundrock
Clinic Chair Emeritus

For the rest of our model railroading year we'll have some interesting topics for clinics.

There will be talks on estates, building sign applications, Raspberry Pi/Arduino specifics and a few other topics. We'll have oft-published MMR Gregg Condon coming for our tri-division meet in May.

Thanks to Ken Hojnacki and Al Potts for providing our excellent December Clinics!

Hope to see you all after the holidays.

See you,
Bob



COMING SOON



Sean Lamb

SCWD Member

I was looking around researching newspaper accounts to update the Wikipedia article about the Milwaukee Road's "Fast Mail" train today when I came across something that connected to one of our division members.

This May 28, 1971, article about the formation of the "Hiawatha Boosters Club," formed by now past Railroad Commissioner Rodney Kreunen, mentions that one of its original members was David Donkle.

https://www.newspapers.com/clip/39522733/wisconsin_state_journal/

Cool connections!

Sean Lamb - slambo@gmail.com
Photographer, model railroader, nerd

CATCH THE TRAINS!

MadCity

53rd Annual

MODEL RAILROAD SHOW AND SALE

Sat. Feb. 15, 9AM-5PM • Sun. Feb. 16, 9AM-4PM
Alliant Energy Center, Exhibition Hall, Madison, WI

Four HO train sets given away each day!

Family Pak \$32

Includes two adults (regular or senior) and two kids (5-15)

Adults \$12 (16 & older), Seniors \$11 (65 & older)

Children \$6 (age 5-15), Kids under 5 FREE

Active duty military \$11. Two day pass \$16. Parking fee not included.

All children under 12 must be accompanied by an adult.



One of the Midwest's best model RR events showcasing beautiful model train layouts in Z, N, HO, S, O and G scale; classic toy trains; historical exhibits & railroad videos. Kids can build a giant wooden train layout or run or ride a model train. **300+ vendor tables** of model train merchandise including tools, railroad collectibles, videos, books, clothing and artwork. Hourly door prizes for adults. Kids, age 5-15, can register to win a train set!

Contest Column

Dave Down and Dave Lendved, Co-Chairs

We had two December contest themes. The model contest theme was **Photo Match** and modelers we often find pictures of buildings, cars, engines or scenery that catch our attention. The photo contest theme was **Railroad Devices**.

January will not have a contest because of the scheduled Rail School.

A reminder that the February contest is **Non-Revenue Equipment**. The categories are Locomotives, M.O.W. Equipment, Cabooses, and Other-i.e. Inspection Cars, Business Cars, Test Cars, etc.

And Just a reminder to keep working on your **Project Model** dioramas. April is coming fast.



December 1 Popular Vote Contests Results: Photo Match

Model

Cat. A Power:

1st Dave Lendved – CNW GP7 in commuter service



2nd Les Ferge – DSS&A 2-8-0

Cat. B Passenger and Freight Cars:

1st Les Ferge – DSS&A box car



Cat C. Non Rail Revenue Equipment:

1st Al Potts – Damage control car



2nd Les Ferge – Soo cabooses

3rd Al Potts – Wheel car

Cat. D Structure:

1st Ron Halvorson – UP McCammon depot



2nd Skip Streng – Champion Mining water tank

3rd Craig Lorimer – C.H.Robinson Company building

Photo Contest

There were no entries in the December photo contest

Happy Holidays!

Dave and Dave

SAVE THE DATE

Annual SCWD Banquet

Friday, May 8, 2020

Details in Future Bad Orders



Enjoy receiving interesting rail photos, model railroad tips and challenging Mystery Photos??

Join The 75+ SCWD members and members from other Midwest Regional Divisions who are participating in the SCWD listserv. You can expect 4 - 6 photos of railfan photos or model railroad photos per week on average, as well as SCWD announcements, and a monthly Mystery Photo contest. The listserv has been running this since April 2012 (that will be 7 years this coming April), and it has been quite popular.

The listserv is a one-way email broadcast to you, not a social media type service. The emails are sent in bulk, but as a BCC: type email, so no one knows the identity or email addresses of the participants. Once a month, I send out a Mystery Photo, and then if you know the answer or do a little research , you send an email back to scwdmemberlist@frontier.com . About a week later, I post the answer and a list of the names of those who sent in answers that month. The answer often includes parts of the best correct answers received.

****Note:** If you used to be on the list but stopped receiving this, probably if you changed your email, just send your name and new email address to the email address below **

Please realize that a lot of email client programs treat all BULK emails as SPAM or JUNK. To avoid missing out on things I send, just add scwdmemberlist@frontier.com as a contact in your contact list.

I only send photos with credits and club announcements, no political stuff, jokes or other non-rail things. If you have photos you would like to share with the group, or want to send me comments, corrections or questions, send an email to: scwdmemberlist@frontier.com

Here is a sample of what you will receive:

Thanks to Tracy Marphat for sharing this photo:



Please save this email so you know how to get a hold of me. So, if you would like to try out this FREE member service, just send me your Name and email address to the address below. You may drop out at any time by sending an email stating such to the same address below.

Steve Lanphear
SCWD listserv Coordinator
scwdmemberlist@frontier.com

AP Corner

Ken Hojnacki



At the December meeting, Keith Thomsen was presented the NMRA Achievement Award for Association Volunteer. Keith has been part of the Rail Show for many years, including acting as Ticketmaster. He was also Registration Chair for the Capitol 400 Convention and has been the Midwest Region Treasurer for a number of years. Congratulations, Keith.



Ken



Layout Tours

Phil Hottmann

Thank you to everyone who came by to visit my layout after the meeting in November to see the progress made since your last visit and how the pieces of the Eckstein layout are being incorporated. It was also nice to have the Knob Creek Crew Lounge inaugurated.



There will be no layout tours in January due to the rail school. February's layout tour will be at Jerry Lawler's new home where we can see his brand new layout.

Phil

SCWD 2019-20 Video Contest Guidelines

Steve Lanphear

This year's SCWD video contest will be open for submitting entries on November 1, 2019.

Here are the things you need to know:

- There are two categories: **Prototype** and **Model**.
- The contest is open to those who attend the SCWD meetings.
- The person submitting an entry must be the one who took the video, however you may have help from others in editing your entry.
- The video can be from any time period (it doesn't have to be taken just to enter this contest).
- It has to be a **maximum** of 5 minutes in length, but can be any size less than that and the file has to be less than 2GB in size.
- All videos must be on a railroad theme.
- The video can have title screen but not necessary, however there should be no names or identifiers on it (it is a "blind" contest).
- For the **Model Category**, the video can be of anyone's layout, not just your own.
- First, second and third place will be given for each category (no points given toward annual Photographer contest).
- Deadline for Entries – **March 1** (you will upload all entries to the website listed on the SCWD website, Video Contest webpage).
- You may enter more than once (max. of 5 entries per person).
- Voting starts **Mar 10** on the SCWD Video Contest webpage.
- Voting will be closed on end of day **April 15**.
- Winners will be announced at the May Meeting.



Youth Group

Steve Brist

SCWD members of the Wisconsin Garden Railway Society hosted the Youth Group at Olbrich Gardens in December. Donn and Rose Tolley, along with Ken Reigle, operated locomotives and rolling stock from their G scale Virginia & Truckee Railroad. Rose had decorated a long stretch of flatcars with colorful holiday themed loads, which ran between hundreds of red and white poinsettias, trees, lights and other colorful decorations. It took a double header of V&T steam locomotives to pull the long train.



Paul Mangan, operated a G scale replica of the Napa Valley Wine Train, pulled by Alco FA locomotives. All the trains we saw were battery powered and radio controlled. While Paul's passenger train operated, his Cat Mountain Railroad freight train waited on a siding for the passenger train to complete its run. A nice group of our members and their families made the trip to see the trains, and each young person received holiday cookies shaped like locomotives.

This event is made possible because of SCWD sponsorship and we appreciate that we are able to engage in activities like this visit to Olbrich each December.

Our next event is Model Railroad School at 1 PM on Sunday, January 5th. Youth Group members and parents are needed to help assemble the freight cars for visiting kids to take home. This event is held at our regular meeting place in the basement of the Zor Shrine building, 575 Zor Shrine Place. Our members will also be operating our HO scale layout to promote membership in our club and to give visitors a chance to operate their newly assembled freight car. Rail School is a great opportunity to promote model railroading and we look forward to a busy and fun afternoon.

Steve



The Biggest Locomotives

Jim Feldman

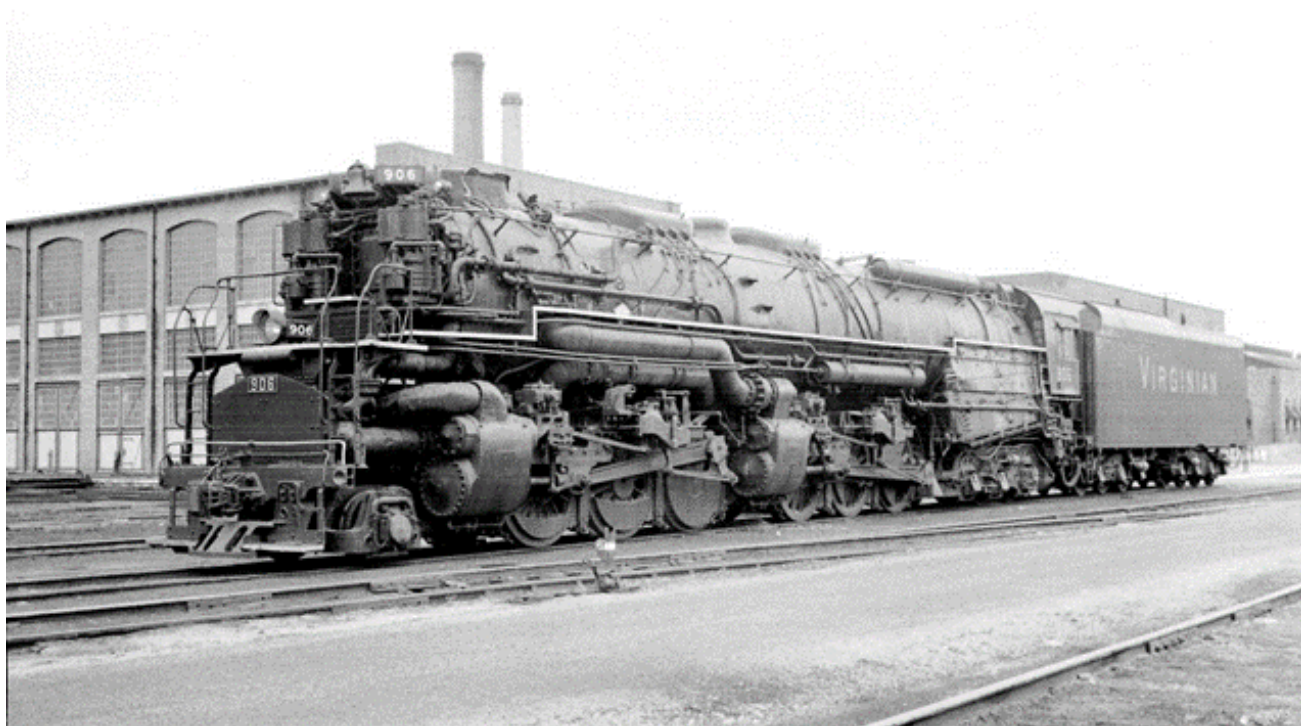
I got interested in this topic after seeing Big Boy 4014 and hearing it described repeatedly as the biggest locomotive ever made. This turns out to be false in almost every detail.

The problem is that there isn't any one definition that give an answer to the question of what is the biggest loco. Is it weight, external dimensions, horsepower, or tractive power? Do you count steam and diesel or both? What about experimental locos?

So how to decide? It's my article and I'll do what I want. I will show the biggest in all those categories and compare it with the Big Boy. I'm ignoring all experimental and one off prototypes. Steam, Diesel and electric are considered.

Biggest (external dimensions)

The longest locomotive in the world is the Chesapeake & Ohio Railway Allegheny H-8 2-6-6-6 with a length of 125 feet. Sixty were built by the Lima Works from 1941 to 1948. All were retired by 1956. Two static units remain. By comparison the Big Boy is 85'4" and The UP Big Blow (in three sections) is 83'6"



Heaviest The heaviest locomotive in the world is the Yellowstone 2-8-8-4 built by Baldwin between 1928-1945. The Yellowstone weighed 566 tons. By comparison the Big Boy weighed only(!) 548 tons and the Big Blow about 250 tons.



Horsepower

In terms of raw horsepower the winner (by so much that there is no second place) is the China Railways HXD1, a double unit electric generating 19,000 horsepower from 25 thousand volts A/C from overhead lines. Two hundred copies were delivered 2006-2010. They are intended for pulling coal trains at speeds to 75 mph. By comparison the Big Boy generated 6,290 hp. This demonstrates the huge advantage that electric designs have. The HXD1 only weighs 150 tons (no onboard diesels engines or fuel tanks) a quarter the weight of the Big Boy but with triple the power.



By Tyg728 - Own work, CC BY-SA 4.0, <https://commons.wikimedia.org/w/index.php?curid=66320089>

Tractive Force

Tractive force is the amount of “pull” a locomotive can generate. Electric motors have maximum tractive force from a stop and gradually lose tractive force as speed increases. Because of this it’s technically necessary to consider two values for tractive force, initial and sustained. To simplify I use the average value of the specs. Steam engines don’t have this characteristic and so have only a single value.

As you might expect the loco with the most horsepower has the most tractive force. The winner in this category is the HXD1 with 256,282 pounds-force. The Big Blow makes a respectable showing of 212,312 pounds-force. The Big Boy tops out at 135,375 pounds-force.

In conclusion, there is no sense in which the Big Boy is or ever was the biggest locomotive in the world. The impression that it is seems to be the result of a relentless campaign on the part of Union Pacific’s publicity department. It is certainly true that it is now the largest **operating** steam locomotive in the world. Another factor in the misperception is that the Big Boy is, in fact, very big. While it is not at the top of any category of size, it is high on every list, and as a result of this cumulative score can be reasonably regarded as the largest without delving into annoyingly complicated detail. Who wants to hear that the pride of the Union Pacific is eclipsed by some weird machine of the Chi-Coms?

*Jim Feldman,
SCWD Member*





**Minutes SCWD Board Meeting
7:00 pm, November 11, 2019
Culver's at Todd Drive**



Board Members Present: Phil Hottmann, Bill Clancy, Steve Preston, Dave Dingman, Dave Down, Jerry Lawler, Jim Feldman, and Bob McGeever

Other Attendee: Dave Lendved

Meeting called to order at 7:00 pm by Clancy.

Minutes:

Minutes of the October meeting were reviewed.

Motion by Dingman, second by McGeever to approve as presented.

Motion carried unanimously.

Paymaster Reports:

Paymaster reports for October were reviewed.

Motion by Clancy, second by Hottmann to approve as presented.

Motion carried unanimously.

Committee Reports:

Committee reports were reviewed.

We are still looking for new Chairs for Clinics, and Layout Tours.

Picnic information as well as the Railfan trip to be published in the Bad Order.

Bad Order, electronic publication and distribution going well. Have had several positive comments from members regarding the change from paper.

Rail School, no new information.

Model contest was discussed.

Old Business:

None.

New Business:

The board was instructed to review the SCWD Constitution and Bylaws prior to the next scheduled board meeting on December 9.

Red Book status was reviewed. Opt in forms will be going out this month by email attachment to all SCWD members. For those that do not have email or none on file, they will have to be mailed via US Mail.

If a member wishes to be included in the Red Book, they must return their signed form. Hopefully all members will return their forms by December 31st or sooner, so work can begin on the Electronic Red Book and be ready for distribution in early 2020.

Motion by Dingman, second by McGeever to adjourn the meeting. Motion carried unanimously.

Minutes by acting Clerk Steve Preston



MADISON HOBBY STOP

6622 Mineral Point Road, Madison, WI 53705

Ph: 608-829-3820 • Fax: 608-829-3852 • www.madisonhobbystop.com

Hours: Monday – Friday (10 am – 8 pm) and Saturday (10 am – 5 pm)

Model Railroading • Plastic Model Kits • Rockets & Accessories • Pine Car •
Paints • Tools & more!

Happy New Year!!

**Thank you to all my customers and
consignors for making
the best I've had in the last 4 years.**

**I appreciate your support
and look forward to serving you
in future years ahead.**

Madison's BEST Hobby Shop!!



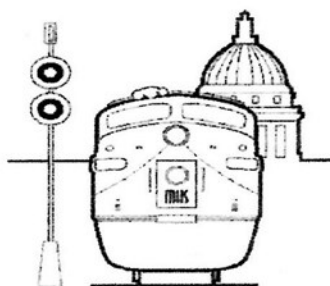
**Preorders are 25% off regular price except
Walthers Proto which is 20% off**

New/old consignment coming in weekly, stop in for best selection

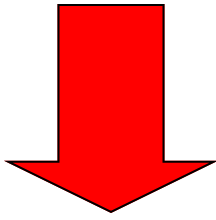
**Remember, most model railroad items are 20% off
with a valid NMRA or other club id card**

Excludes discounted or sale items, magazines, and consignments

Gift Certificates Available



Madison Hobby Stop
Chris Roosli, Proprietor



If you change your email address, don't forget to notify Kathy Clancy the Bad Order Editor.

Changing your email address with the NMRA does not change it for Bad Order mailing.

Thank you!

Train Guyz LLC

We can make your Model Railroad dreams come true

2903 Robin Court
Fitchburg WI. 53711

Mike Vivion

608-215-6346
Vivion2@tds.net

The Hobby Depot

Brian Stackpole, owner



See us on the web at: www.hobbydepotmonroe.com



**835-17th Street
Monroe, Wisconsin 53566
Phone: 608-325-5107**

Call ahead to be sure we're open!
email: hobbydpo@tds.net

TRAINS & MORE

South Central Wisconsin Division of the National Model Railroad Association

Publishes eleven issues yearly of the

BAD ORDER

Official Mailing Address:
BAD ORDER
3940 Trempealeau Trail
Verona, WI 53593

Photos in the Bad Order, unless otherwise noted,
are by Kathy Clancy

Deadline for submissions: **14th of the month
prior to publication.** Email Bad
Order Editor at SCWDKATHY@AOL.com



ADAIR SHOPS

Weight Upgrades for Improved Model Railroad Operation



**Weight upgrade kits for
HO freight and passenger
cars (RTR and kits)**



**HO steel plate
and beam load kits**

HO & N bridge kits



For a complete list of kits, along with additional
photos and sale items, visit our website.

www.adairshops.com

Adair Shops, PO BOX 344, Dyersville, IA 52040
adairshops@yousq.net

Place your ad here!!!

Contact

Kathy Clancy

Bad Order Editor

SCWDKathy@aol.com

PLEASE PATRONIZE OUR AREA HOBBY STORES

The Hobby Depot – 835 17th Street – Monroe WI
Madison Hobby Stop – 6622 Mineral Point Rd (inside Clock Tower) – Madison WI *

* = Train Show Ticket advance sales

2020 Meeting Time Table

Regular Meeting

Jan 5, 2020
Feb 2, 2020
March 1, 2020
April 5, 2020

BOD

Jan 13, 2020
Feb 10, 2020
March 9, 2020
April 13, 2020

Youth Group

Rail School
Feb 16, 2020
March 15, 2020
April 19, 2020

Train Show

Jan 8, 2020
Feb 5, 2020
March 4, 2020

