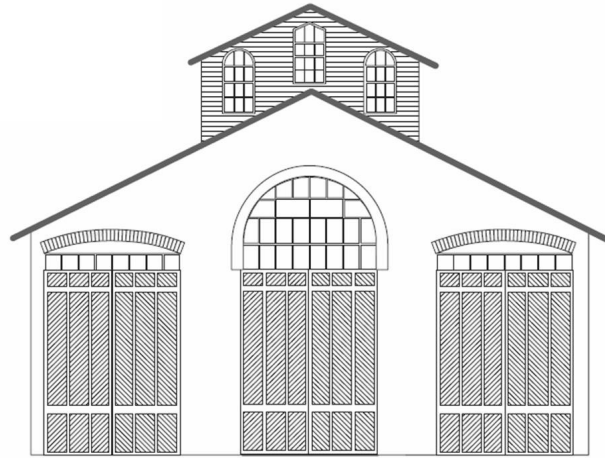


# CAR



# HOUSE

**January 16, 2025**

Div. 8 Website: <https://www.div8.NcrNMRA.org>

Website:  
[http://  
www.nmra.org/](http://www.nmra.org/)



### **Call to Order**

**Call to Order:** 7:01

**Recognition of visitors and MMRs in attendance:** Dan Lewis, Bruce DeYoung, Larry Wolohan, and Ron King,

### **Presidents Page**

Hopefully, the cold winter weather is giving all of us some time to spend time on our hobby. Personally, most of my modeling time of late has gone toward detailing and weathering some of my freight car fleet. While doing some research on a flat car project, I came across another very interesting website. The name of the website would lead you to believe that it focuses only on Canadian freight cars, but that is not the case. This is a searchable website that can be very helpful in your freight car modeling efforts, regardless of the origin of the freight cars you are trying to model. In my case, I wanted to see how “weathered” a flat car would look after about 15 years of use. I just plugged in the freight car build year, the type of car, and the year the photo was taken and I was able to get a good feel for how things should look over time.

This is another one of those sites that you should probably stay away from just before bedtime. You may not get much sleep that night otherwise!

<http://canadianfreightcargallery.ca/>

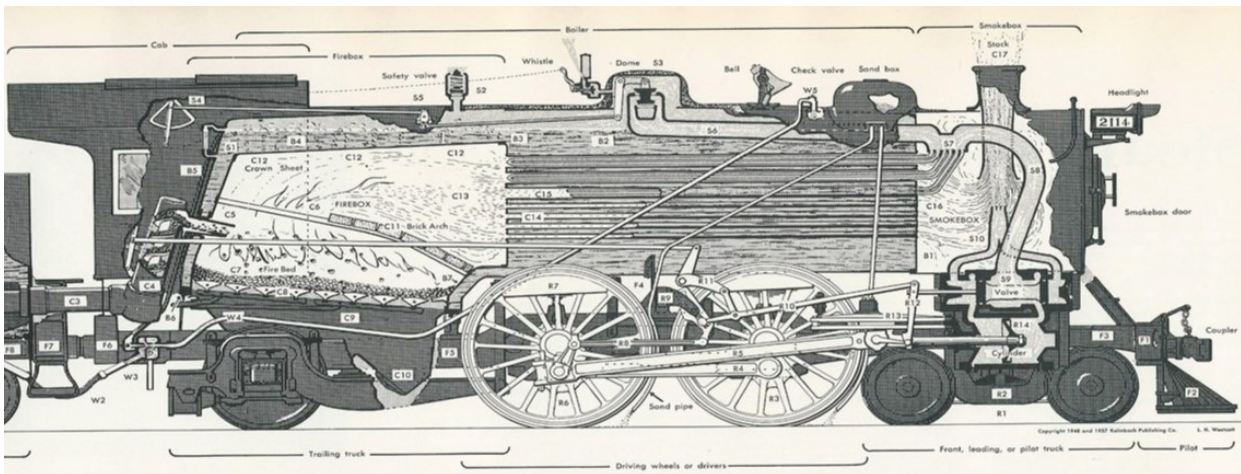
Enjoy

Mark

## Clinic

By Dave Thornton

Steam Engines: Everything you Didn't want to know Dave Thornton provided an in-depth explanation of steam engine operation. He began by discussing heat generation and then detailed the boiler's process of converting water into steam. Following this, he outlined the mechanisms that transform steam into the mechanical force needed to power the engine.



### FUEL AND COMBUSTION SYSTEMS

Whether the fuel is wood, soft coal, anthracite or oil, the design of the locomotive is basically the same. This locomotive is coal fired with a mechanical stoker. Oil-burning locomotives have jets to spray the fuel.

In the best designs, only eight per cent of the fuel energy becomes mechanical energy to pull the train.

**C1 Coal bunker.** When full, coal is retained at the front by removable coal boards.

**C2 Shovel plate or deck.** The floor of the coal bunker. In this case it contains the conveyer trough of a stoker. The conveyer screw forces coal forward to a crusher and then to the cab of the locomotive.

**C3 Conveyer tube of the stoker.**

**C4 Elevator of the stoker.**

**C5 Distributor tubes of the stoker,** from which the coal is flung by steam jets.

**C6 Firebox.** This includes the entire chamber from the grates to the combustion chamber.

**C7 Fire bed.** Burning layer of coal.

**C8 Grates.** These support the firebed

and can be shaken to drop ashes and clinkers.

**C9 Ashpan.** This prevents ashes from falling along the track. The ashpan may have **ashpan dampers** to control air entering the firebox.

**C10 Ashpan hopper.** The ashes are dumped over an ash pit when the engine takes on new fuel.

**C11 Brick arch.** The baffle across the firebox which forces the fire toward the rear before rising. It improves combustion.

**C12 Crown sheet.** The roof and hottest part of the firebox. Most of the steam is produced above the crown sheet.

**C13 Throat of the firebox.** This is the point where the inverted U shape changes to a circular or oval section. Modern locomotives have an extension of the firebox chamber ahead of this point called a **combustion chamber**. It allows the gasses to burn more completely before entering tubes and flues. Sometimes the entire area above the brick arch is called the combustion chamber; that below is called the **furnace chamber**.

**C14 Boiler tubes.** These help to heat the water as they conduct burned gasses forward to the smokebox.

**C15 Boiler flues.** These are enlarged boiler tubes. They contain two or four smaller **superheater tubes**. The hot gasses in the flues heat both the water outside the flues and the steam inside the superheater tubes.

**C16 Smokebox or front end.** The forward part of the boiler shell is a chamber where the gasses from the tubes and flues are collected. The exhaust nozzle under the stack produces a vacuum in this chamber to help draw the fire. Often a system of baffles and a screen ahead of the nozzle keep sparks from leaving the stack.

**C17 Stack.** The outlet end of a sort of venturi tube arrangement that uses the exhaust steam to create a vacuum and draw the fire. Wood-burning, and some coal-burning, locomotives used to have large mushroom- or balloon-shaped stacks containing spark arresters. Some modern locomotives have smoke deflectors or

## **BUSINESS MEETING ITEMS**

**All Members** – Please check your NMRA membership cards and renew today. Insurance regulations require meeting participants be NMRA members {after three meetings}. Please stay current. You can renew at **NMRA.org**. There are so many benefits of membership, including discounts at major online retailers, information available on the website. Membership with digital delivery of the NMRA magazine is \$68 per year, \$92 with US mail delivery of the NMRA magazine.

**December Car House** approved.

**December Treasurer's report Dan Shilt:** \$3,184.67 No Expenditures. Increase in funds due to members paying annual meeting fee. Approved.

A request for a reimbursement of membership retention expenses has been submitted to the NMRA.

**With the start of the new year, the membership meeting fee is due. The fee is \$10 per year payable in January. Check with Dan Shilt, he will be happy to assist.**

**Regional AP update** – Bruce DeYoung is Division 8 AP Chairman. Contact him if you are interested in getting an AP certificate. Bruce would be happy to assist you.

### **AP Corner**

Bruce De Young, MMR  
Division A.P. Coordinator

I make house calls. Like the doctors of my youth, I do indeed make house calls as part of my job, in my case I do not have a little black bag of medical instruments in hand. Instead, I bring along a notebook containing the requirements and paperwork for all the various categories within the NMRA's Achievement Program.

For some A.P. Certificates, I can examine the documentation while sitting at my desk at home while enjoying a cup of coffee or an adult beverage – depending on the time of day. For some other certificates, members can bring models to a Division Meeting for evaluation. The Structure, Cars, and Motive Power certificates come to mind here. But for others, a home visit is required. Scenery, Civil Engineering, Electrical Engineering, and the Golden Spike are good examples of that. In some cases, members working towards the Structures Certificate have already 'planted' the structure on their layouts, and a home visit is required there, too.

So never hesitate to contact me to come and visit your layout. It is not only part of my job; it is something that I enjoy. At last count, I have visited well over 200 layouts where I have taken thousands of digital pictures. (I visited many layouts prior to digital photography also, but the images of the models, scenery, and trackwork on those layouts only reside in my aging mind.) What I have seen on all these layouts give me a 'means of comparison' for anything I'm looking

Monthly Newsletter of the **Clinton River Division** of the North Central Region of th NM  
at in my role as A.P. Coordinator for Division 8.

In fact, since my last column, I have visited the layouts built by Division 8 members Steve Weber and John Martin to see if they would qualify for the Golden Spike. Both did. In the process, I saw a scene on each that I would rank as one of the best examples of “that type of scene” that I have come across in all my layout visits.

I have seen many ‘farm scenes’ in my layout visits. Most are modest in size – a small plot of land planted in corn, hay or oats; or perhaps a small pasture with a few cows or horses. But Steve has devoted a good piece of real estate to develop a large farming scene. A big grazing area in the background, and both crops and the original farm house (now abandoned) in the foreground. A nice scene indeed!



I recently did a YouTube Video on my Channel (JerseyHighlandsBruce) featuring Junk/Scrap Yards on our layouts. Again, most are modest in size. In fact, one viewer left a message saying that most scrap yards are much larger than those that I featured. Agreed. Then I visited John’s layout where he devoted an entire peninsula to creating a scrap yard. The largest that I’ve ever seen and nicely done indeed. The picture only shows a portion of that yard.



Boy, do I enjoy this job! Until next month ...

**Layout Tours:** Our next layout tour date is February 22<sup>nd</sup> from 12 to 4:00. At Ken Sherer and John Jackson's layouts. A flier is attached with more information.

**Operating Session Plans** – Curt Danielewicz can be contacted if you would like to be included in future Operating Session plans.

**Door monitor** at the church: February – Bob Sherer. March -Scott Swinger

Thanks for volunteering.

Please consider volunteering for future months. Iterer. only requires a half hour of your time. For security reasons the church door must remain locked at all times. Thanks for helping out the Division and keeping everyone safe.

**Old Business –**

- **Reminder that \$10 User fees for 2025 is due.**

**New Business**

- Election –Elections in February. Current officers are willing to maintain their offices. If you think that you might want to get more involved as a division officer, you can contact the current officers and they would be happy to let you assist in the current positions and join in quarterly division Board meetings.

### **Hints and Tips**

- The Mentor/Mentee file (give help/receive help) is at [https://drive.google.com/file/d/195MkOSzClIO4pfcGtM4Lcni-sIExBw2\\_/view?usp=sharing](https://drive.google.com/file/d/195MkOSzClIO4pfcGtM4Lcni-sIExBw2_/view?usp=sharing)
- The private Clinton River Division Facebook group is at <https://www.facebook.com/groups/288929175921717/>
- For those on Medicare Part D (Medicare Advantage) ask your insurer if they can give you a “Grouper” discount. This can pay you for your NMRA dues.
- A presentation on the steps necessary to complete the onboarding process for NMRA Discord is on our website.

<https://div8.ncrnmra.org/wp-content/uploads/2024/04/Discord-Instructions.pdf>

- Other Discord instructions are available on the NMRA website under presentations.
- If you plan on joining the meeting using Discord, Sign in around 6:30-6:45. Mark will be available during that time to make sure stuff works.



### **Announcements**

***Please notify Irv Chmielewski ([NCRDIV8SECRETARY@gmail.com](mailto:NCRDIV8SECRETARY@gmail.com)) if you would like to have an announcement posted in Car House. Provide written details***

- **The 2025 NMRA National Convention will be held in Novi, the second week in July!** More information is coming, but get your layouts in shape for open houses, prepare possible clinics and be ready to volunteer! Clinics for the 2025 Convention are being coordinated by Andy Keeney.
  - The planning committee is committed to focus the convention on giving value to attendees and the NMRA as a whole.
  - Clinics will focus on new content. There is enough time for all of us to develop a new clinic on a topic that will be of interest. Any clinic presentation could be first presented at our meeting so that it can be revised and polished for the National convention
  - Clinic/Layout and other Coordinators are included in Car House. If you are interested in give a presentation or showing your layout please contact the coordinator.
  - Division 8 Volunteer Coordinator is Mark Mincek.
- Also see fliers at end of Car House for some future events.

**National Convention 2025 Regional Contacts**

**A lot of work needs to be completed before the Nation Convention. The region has established a number of work groups that can use additional volunteers.**

**The following are the persons that you can contact to assist with the convention.**

**Chairman- Scott Kremer**

**Co-Chair and Hotel Coordinator – to be filled**

<b>Treasurer - Steve Harsh</b>	<b>Webmaster - Marshall Stull</b>
<b>Non-Rail - Kitty Kremer</b>	<b>LDSIG - Ron Burkhardt</b> cdjhyoung@yahoo.com
<b>OPSIG - Eric Smith</b>	<b>RPM Conference - Mike Skibbe</b>
<b>PR/Marketing - Jim Zinser,</b> jimzinser44@outlook.com <b>Barry Hensel</b> barry76lt@wowway.com	<b>Layout Visit - Brook and Jay Qualmann</b> <a href="mailto:jayqualman@yahoo.com">jayqualman@yahoo.com</a> bqualman@yahoo.com
<b>Op Sessions - Ken Chick</b> kdchick@wowway.com	<b>Prototype Tours - Bruce Wolfe</b>
<b>Clinics - Andy Keeney</b> hunter48820@yahoo.com	<b>Volunteers - Div 6 - Bill McMillan</b> <b>Div 8 – Mark Mencek</b> themotive@att.net
<b>Yard Sale - Greg Rich</b>	<b>IT coordinator - Jeff Higgins</b>
<b>Registration Desk - Doug Tagsold</b> dtagsoldyahoo.com	<b>Contest Coordinator - Rick Neibert</b> neibertrichard@att.net

**Positions still needing to be filled.**

<b>Bus Coordinator</b>	<b>Merchandise - basically shirts</b>
------------------------	---------------------------------------

## Show and Tell

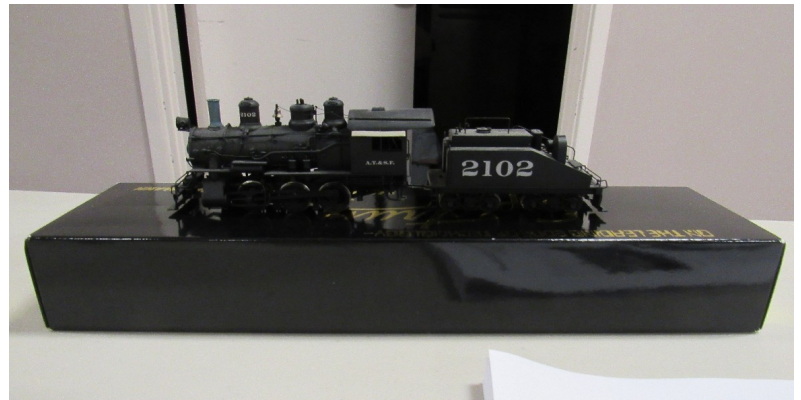
Ken Glaza  
Polar Express

Lionel train set. Pere Marquette 1225  
Berkshire used in the movie.



Tim Fisher  
Santa Fe 0-6-0 switcher

Santa Fe was very thrifty funding switchers. 0-6-0s were built new until 1908. Only 179 were built after 1900. This engine had 51" drivers and 31,000 lbs tractive effect.



Steve Weber  
Christmas Gift

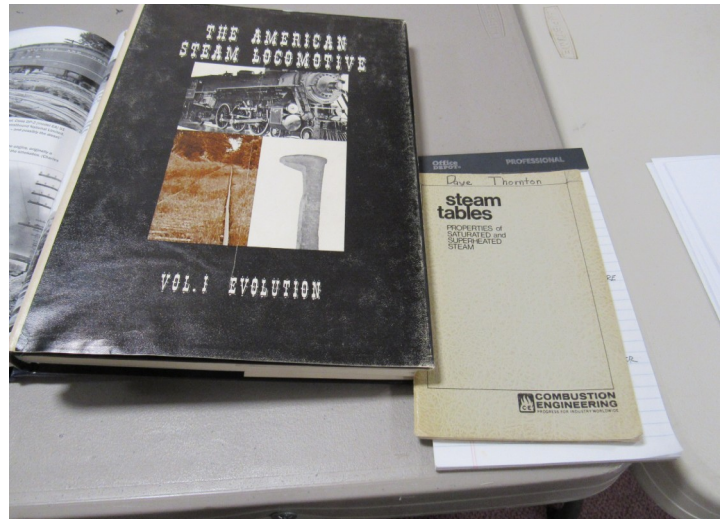
Great Northern EP-5  
Lionel Hallmark Ornament



Monthly Newsletter of the **Clinton River Division** of the North Central Region of th NM

Dave Thorton  
Steam Locomotive

O scale B&O P-7e 4-6-2  
Steam Tables



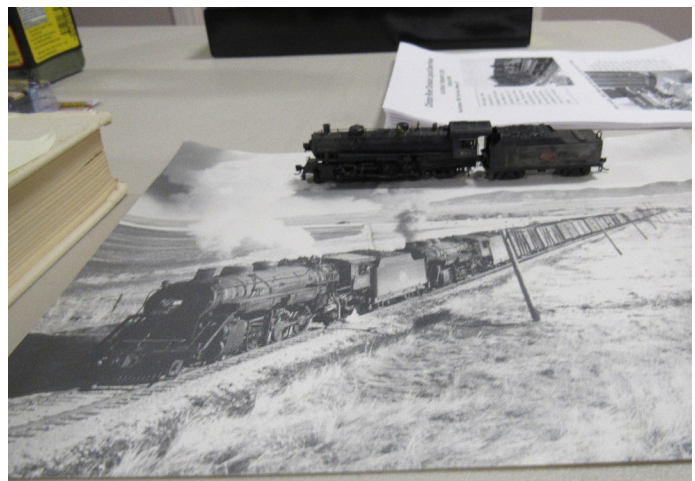
George Van Duyne  
HO 2-8-0 Consolidation

HO scale 2-8-0 manufactured by IHC  
Re-powered and lettered for his railroad  
TCS WOWSound decoder installed



Dan Lewis  
MILW 2-8-2 No. 626

N scale model with prototype photo



John Martin  
4-4-2 engine

4-4-2- Mantua Lindbergh Special



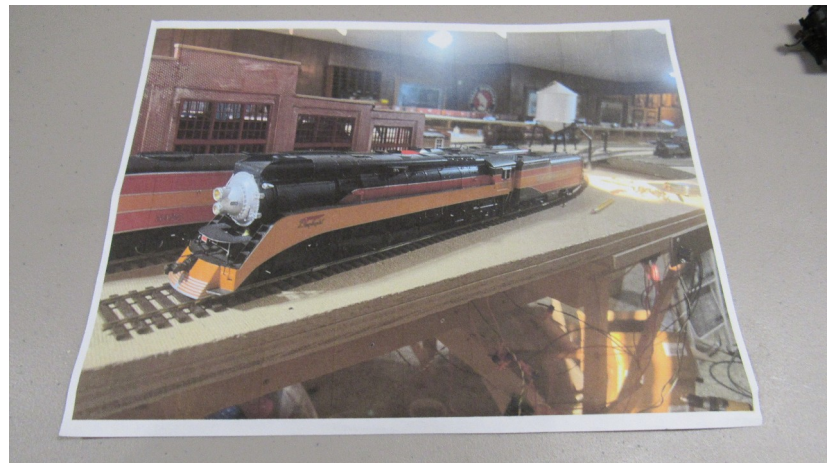
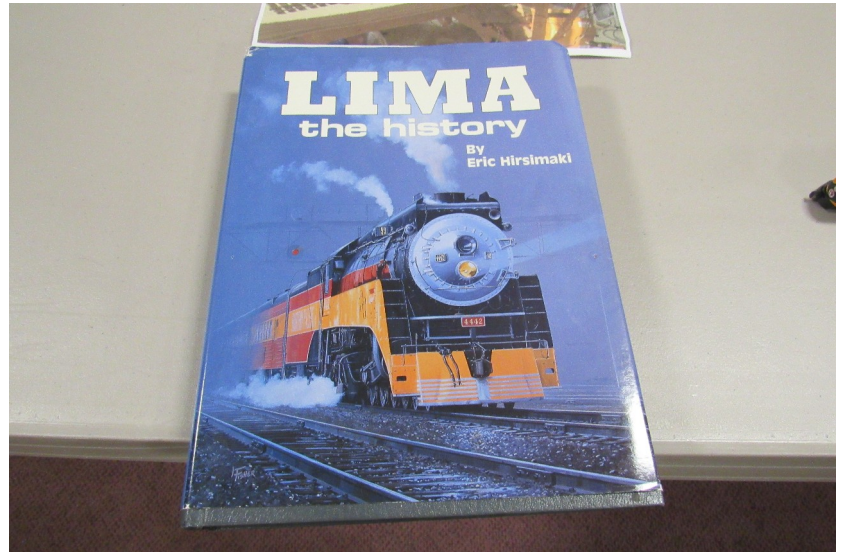
John Jackson's  
Christmas Presents

1959 Ford Anglia  
The Knight Bus from Harry Potter films  
Static Grass flocking 1-3mm mix medium green



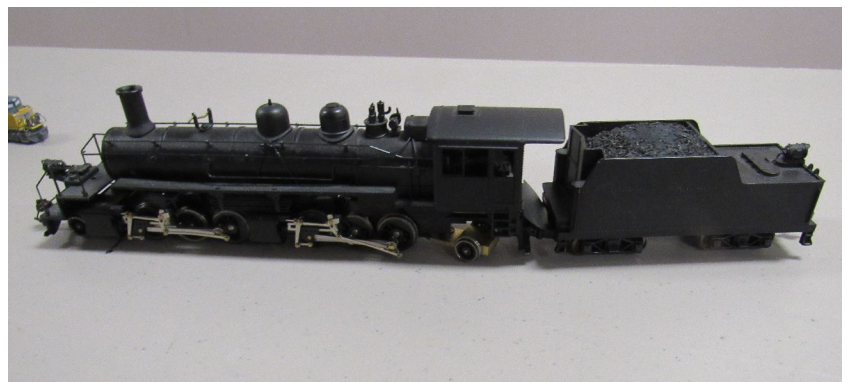
Larry Wolohon  
Steam Locos

Lima Book  
Picture of O scale SP G54 4-8-4



Phil Doolittle  
Steam Engine

Mantua 2-6-6-2 - This is the  
“before” engine of an eventual  
“Super detailed” entry for AP  
Motive Power.



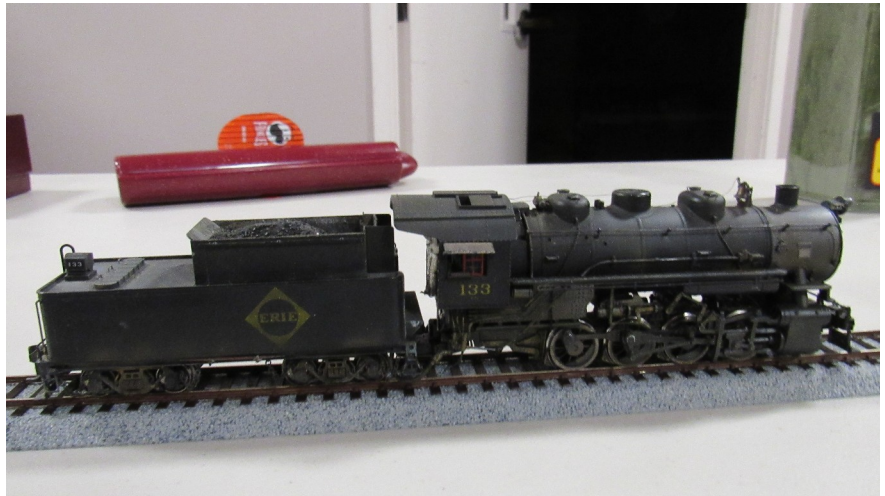
Gary Williams  
2-6-0 engine

unknown manufacturer



Ron King MMR  
Steam Engines

An Erie USRA 0-8-0 #133  
model by L. L.  
super detailing and DCC  
installed.



Irvin Chmielewski  
Christmas gift

A crimper used by scrap bookmakers that  
will be used to make corrugated steel panels.



Scott Swinger  
Christmas Gift

A MONON cap (No picture available)

Ken Scherer  
Christmas Present

Train Ornaments  
and coffee mug (No picture available)



## **SCHEDULES**

For more information, contact the organization listed. We do not have further details. Obviously, schedules are subject to change. Check with the venue before the event.

**Feb. 20<sup>th</sup> - Clinton River Division Monthly Meeting Troy Christian Chapel**

**Feb. 22<sup>nd</sup> – Division 6 Layout Tours See flier below**

**Feb. 23<sup>rd</sup> – Division 8 Layout tours (Flier not yet available)**

**March multiple days – Detroit Model Railroad Club See flier**

**Numerous train shows and train sale events. See fliers below.**

### **Division Meeting**

**Live at Troy Christian Chapel and on Discord**

**Thursday February 20, 7:00 pm**

#### **Clinic**

**A Model Railroading Odyssey**

**BY Dan Lewis**

#### **Show and Tell**

**Favorite piece of Railroading Memorabilia**

**or Current Project**

**Join us after the meeting for snacks and conversation at Leo's Coney Island,  
Walton & Livernois**

*We will send you notice of the meeting and the Discord connection a few days before the meeting. Please look in your spam folder if you do not receive it timely.*

*Don't ask, I have no idea why some providers think we are spam*

## *Events, Train Shows and Sales*

### **Clinton River Division Layout Open House**

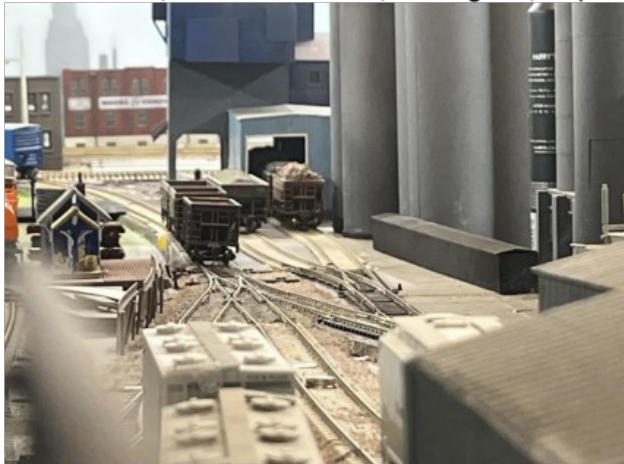
**SATURDAY, FEBRUARY 22, 2025  
12:00-4:00 PM**

**Ken Scherer, 1992 Tyler Ave., Berkley, MI**

Ken's layout, under construction, is a freelance of the Grand Trunk Western and "grandpa's trains," 22' x 10'. There are no duck-unders. The lower level and both helix's are finished, and the main level has the mainline complete (but still 50' of main to do on the upper level).



**John Jackson, 1589 E. Melton Rd., Birmingham, MI (1 block north of 14 Mile)**



The Detroit, Woodbridge and Birmingham RR is a late 1960's through 1980's free-lanced point-to-point road. While primarily an industrial switching road, it does a lively business connecting the GT, CN and NS railroads in Michigan. The 9' x 13' is about 30% is scened.

# Celebrating our 90th year (and 51 years in Holly)!!! THE DETROIT MODEL RAILROAD CLUB

Presents

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Paul Gribbell

Photo courtesy of Jeff Grossklaus

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Facebook  
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Look for  
us on  
You Tube  
[DMRRC](https://www.youtube.com/DMRRC)

### Open House Info:

#### **2024**

Nov. 29 - Dec. 1  
Dec. 7 & 8  
Dec. 14 & 15

#### **2025**

Jan. 11 & 12  
Jan. 25 & 26  
Mar. 1 & 2  
Mar. 15 & 16

#### **ADMISSION**

Adults(18-64): \$5.00  
Seniors (65+): \$4.00  
Kids (5-17): \$2.00  
Kids under 5: Free

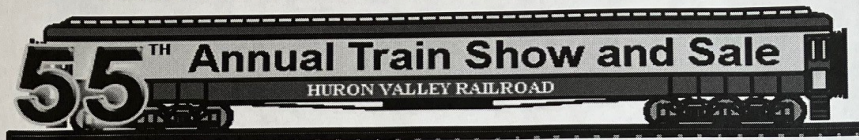


#### **HOURS**

Noon to 5 PM

**Memberships Available.** Join now for as little as \$30/year.  
The DMRRC is a 501(c)(3) non-profit organization - Donations gladly accepted.  
ADA Access Compliant

## Ann Arbor Model Railroad Club



### Held at Saline Middle School – Saline, MI

**2 Day Show**  
**February 15<sup>th</sup> & 16<sup>th</sup>, 2025**

**Saturday 10am – 4pm**

**Sunday 10am – 3pm**

Admission \$7.00

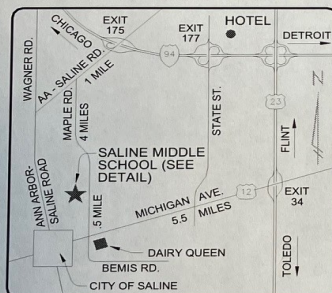
Scouts in uniform admitted free  
Children under 10 free with paid adult

Free shuttle bus service provided  
to all school parking lots.

### Attractions

- 300+ Tables
- Operating Layouts
- Clinics by AAMRC members.
- Free Raffle – Vendor Bucks which can be used towards purchases from any dealer
- Dealers from around the country
- Food Service
- Kids Zone

### How to Get There:



Saline Middle School  
7190 N. Maple Rd.  
Saline MI 48176



← google map QR code

### From US-23

- Exit 34, US-12 – Michigan Ave
- West on US-12 5½ miles to Maple Rd.
- North on Maple ½ mile to the old Saline Middle School on the West side of Maple

### From I-94

- Exit 175, Ann Arbor – Saline Rd.
- South on Ann Arbor – Saline 1 mile to Maple Rd.
- South on Maple 4 miles to the old Saline Middle School on the West side of Maple



For information on exhibiting or attending see our website at [www.hvrrhs.org](http://www.hvrrhs.org),  
Call or Fax (734) 426-0829 anytime or (734) 426-5100 Wednesday evenings  
or email us at [a2modelrailroad@gmail.com](mailto:a2modelrailroad@gmail.com)