



# THE



# FLATWHEEL



**JANUARY 2020**

**VOLUME 55, NUMBER 1**

## In This Issue

**JANUARY 2020** VOLUME 55 NUMBER 1

### FEATURES

**17 DIVISION ELECTIONS**

**18 ADDING 'REAL' COAL**

**USING STOCK COAL**

**LOADS ON A SIMPLE**

**FIXTURE**

**20 EVER SEE THE INSIDE**

**OF AN ELECTRIC**

**SWITCH MOTOR**

**22 STATE TOOL & DIE**

**25 'WEED SPRAYING**

**MOW TRAIN'**

### COLUMNS

○ 3 North Coast Leadership

● 4 When and Where

● 5 An Editorial

● 6 From The Super

● 8 General Meeting Minutes

● 9 Module Group

● 10 Membership

● 10 Raffle

● 11 Company Store

● 12 Clinic

● 13 This & That

● 16 Contest Table

● A What's Going On?

● B Hobby Sources Listings

COVER PHOTO: A photo from a live steam meet held at the NEOLS layout. Photo by Div 4 member James R. Raff.



# NORTH COAST LEADERSHIP

## ELECTED OFFICERS

Superintendent - Lee Sheffield lakeshorenyc@yahoo.com

Assistant Superintendent - Ron Morgan,  
ronalco844@gmail.com

Secretary (& Flatwheel Staff Photographer} - Dave Williams  
(440) 838-4996 dave\_wms@sbcglobal.net

Treasurer - Greg Noeth (216) 789-2086  
gjnoeth@yahoo.com

Director East - Fred Obreza (216) 587-4419  
chevy5664@sbcglobal.net

Director Quad County - Fred Wagner,  
boonedog0219@gmail.com, 419-908-8251

Director West - Gary Schaefer, trains.ohio@yahoo.com

Director at Large - Brian Haas, haasland@msn.com

Director at Large - Jeff Lauren, jflrn@sbcglobal.net,  
21-798-1896

## APPOINTED POSITIONS

Great Berea Train Show - David James c (440)-785-9907  
david.j@brtcharter.com

Achievement - Bruce Brintnall MMR®,  
brintnall@mindspring.com

Layout Tours - Ron Morgan, ronalco844@gmail.com

Contests - Joe Filipiak, graftonpotter@frontier.com

Historian/Archivist - Frank Bongiovanni

Raffle - Adam Woodie, woo3482@hotmail.com

Co. Store Manager - Scott Benson,  
sbenson440@zoominternet.net

Clinics - Larry Madson, lmadson@roadrunner.com

Flatwheel Editor - Bruce Bowie, in2trains@gmail.com

Membership - George Keller, gkeller@woh.rr.com, (c)  
419-217-0396

Modules - Adam Woodie, woo3482@hotmail.com

N.O.A.R.S. Representative - Bill Kovacs

Webmaster - Ben Lanza, blqt@nls.net

Refreshments - Don Glass

Training Day - Gary Schaefer, trains.ohio@yahoo.com

# DIVISION 4

## THE NORTH COAST DIVISION

JOIN US ON FRIDAY, JANUARY 10<sup>TH</sup> FOR OUR NEXT MEETING.  
WE OFFER GOOD FELLOWSHIP, FREE SOFT-DRINKS/COFFEE AND  
AN INFORMATIVE CLINIC ON SOME ASPECT OF OUR HOBBY.  
DON'T JUST BELONG, PARTICIPATE!

### WHEN & WHERE WE MEET

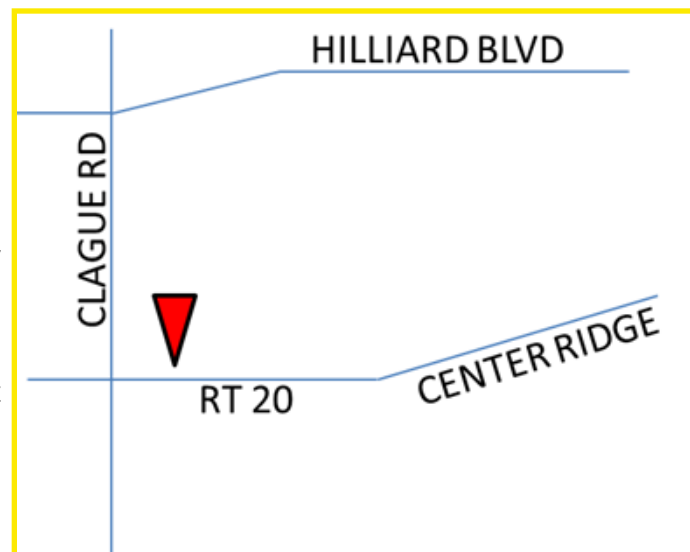
The North Coast Division holds 10 meetings a year (none in July and August). Meetings are on the 2nd Friday of each month. A social half hour starts at 7:00 p.m. followed by a short business meeting at 7:30. After a short break, a railroad themed raffle and clinic complete the typical agenda. Meetings are held at the Church of the Redemer, 23500 Center Ridge Rd, Cleveland, OH 44145. Visitors are welcome to attend any meeting.

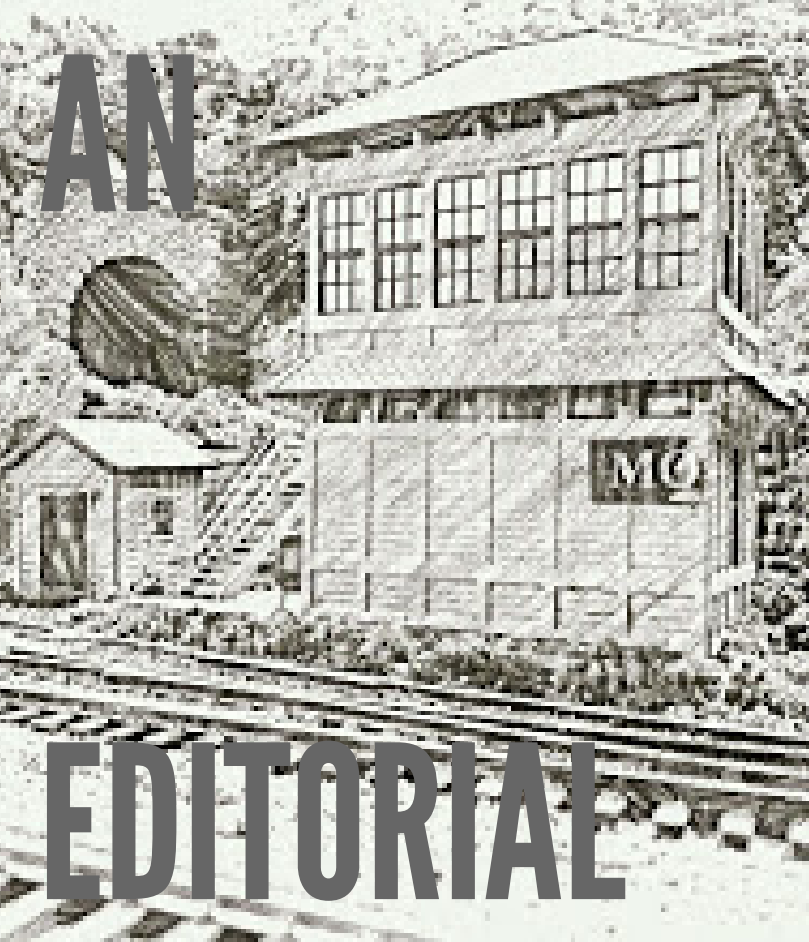
The Division's newsletter, *The Flatwheel* is published monthly (except during July and August) by Division 4 of the Mid-Central Region (MCR) of the National Model Railroad Association (NMRA). All comments are welcome. Views expressed in *The Flatwheel* do not necessarily reflect the opinion of the NMRA, MCR, or Division 4.

*The Flatwheel* is typically electronically published no later than the Monday preceding the monthly meeting. Submissions are due no later than the 26th of the prior month, for example, August 26th for the September *Flatwheel*.

Uncredited photos courtesy of the editor or staff photographer Dave Williams.

**Yahoo** - The Division has a Yahoo group available for members. Send your request to join to dave\_wms@sbcglobal.net. It's best to include "Division 4" in the subject line and include your name. The group is private and does not appear on the Yahoo directory.





Seven years ago we lived in a very large, 130 year old home with an equally large barn/garage. The barn included room for a layout that was a 20' x 40' HO scale representation of the PRR's Bald Eagle Branch. The layout was "fully" scenicked and had numerous OP sessions during its short (5 years) life.

I am working at building my current (and 7th in a lifetime) layout. It is much smaller than the Bald Eagle and is based on the narrow gauge East Broad Top. My very first layout after leaving home was based on the EBT as was a later one in a different home. This makes the current layout my third based on the EBT. I started the current layout with one design then determined the design had a major flaw. I then undid a great deal of work to modify the design to its present configuration. Hence this is why I refer to my current layout as the EBT v3.2.

I had made a decent amount of progress on the layout until a year ago. That was when I obtained my 3D printer. I LOVE designing and printing 3D projects BUT I end up doing that and nothing else on my layout. As I wrote in my October editorial, I was re-motivated this past summer. I swore off any work with my 3D printer and again started up on my layout. Things were progressing at a decent pace until our dear friend Jim Moore unexpectedly passed away.

Our local crew and fellow friends of Jim's spent a good amount of time helping to assuage Jim's wife Linda's

needs as regards the disposal of Jim's railroad. The two day sale along with subsequent individual efforts have sold 99% of the items we could salvage. The sales brought in significantly more than I had expected/hoped. I think much of the difference was the buyers who knew Jim paid more for their purchases than they might otherwise. THANK YOU!

Life indeed does, as they say, go on and Jim no longer being in our lives is no different. Jim was the glue that held our local group of friends together. I was very concerned as to how to keep us together now that we did not have Jim in our lives. I used this crew to help build my Bald Eagle. Jim then used the same format and crew to build his Cold Creek & Lake Erie. It worked very well in getting the railroads built and equally well in giving our group of friends a reason to get together on a regular basis.

I sent a work notice out to "the guys" for a work session at my home at 7 PM on the 4th Friday in October. As I hoped, they all showed up. I never know if its the goodies my bride provides, the entertaining stories told as we munch, or the actual work that gets done that is the magnet to their steel. Regardless, we had a good time, good munchies and did get a lot of work done on the EBT v3.2.

We used the November work session to start the tear (is that tear as in water from the eyes, or tear as in disassemble?) (in this case, both!) down of Jim's layout.

I have now sent out a work session invite via text for the next work session and the crew members have all again responded with "I'll be there".

If you are in need of help, be it motivational, technical or just want to spend time with like minded friends, I highly recommend getting a crew of your own. It is the best tool in your hobby tool box you will ever use!!

**It is the best tool in your hobby tool box you will ever use!!**

**BRUCE BOWIE**  
**EDITOR**



# FROM THE SUPER

**"Driving the train doesn't set its course. The real job is laying the track." Ed Catmull**

What a whirlwind weekend we just had with Division 4. Friday the 13th was our Awards Banquet. We had a great meal, music, a visit from Santa's Elf and another great raffle put on by Adam Woodie. There were 76 adults and 4 kids in attendance. And as far as I know no one went away hungry. Awards this year went to Adam Woodie, receiving the Dennis F. Novak Service Award for his taking on not one but two key positions in our Division. He is the Division Raffle Chair and leads the Module Group as their coordinator. Tim Sheffield received the Bruce Brintnall Member Award for his tireless job of "Show Gopher" during the Great Berea Train Show. The golf cart was constantly in motion as he was running for this, that and anything else that David James needed done. And to round things out the inaugural Rich Mayich Award for Outstanding Modeler of the Year was presented by Contest Chair Joe Filipiak to George Keller. George's dioramas and models are beautiful and his attention to detail is phenomenal. Please congratulate all of our award winners for their modeling skills and contributions to Division Four the next time you see them.

On Saturday the 14th I went down to the zoo to operate the modular layout at Wild Winter Lights. They had over 5000 through the gate on Friday night with the total so far for the display reaching 58000 visitors (80000 as of 12/23). It has proven to be a great way to meet the public and show them what the NMRA is all about. And to finish off the weekend I operated trains at the Trees and Trains modular display. Not nearly the crowd of the zoo but we reach the people the same way. When I look at the schedules for both events I see some names of other Division members who are coming out and running some trains which is fantastic. I hope we can get more members to come out for a day when we set up and operate with us. Thank you for support with these two displays.

Important note, 2020 is an election year for our Division. Our nominating committee consists of Chuck Klein and Joe Kurilec MMR. They will be forming a group of nominees for the coming election. Our Secretary, Dave Williams will be term limiting out this time around so the Secretary job will be open. Please consider running for this position. What's that famous line, "It only a hour or so a month". Really, if you are interested please talk to Chuck or Joe and talk to Dave Williams to see what the job entails. All of the positions are open for nominees,



Superintendent, Assistant Superintendent, Secretary and all of the Director's positions. If you have a desire to help lead the Division this is your chance. Let Chuck or Joe know what position you would like to run for.

January's clinic will be on the AC&Y Railroad with Steven Holzheimer. And February brings us to member appreciation night with pizza with a video of some sort to entertain us while we eat.

Enough for this month as it's the 24th and I am just now sending this to Bruce Bowie for the Flatwheel. Thank you Bruce for all you do with the Flatwheel each month. When you look at the other divisions newsletters we have one to be very proud of.

Please continue to welcome any new members and visitors at our meetings. Try to answer their questions the best you can or refer them to another member who might have the answer. Remember, we were all green at some point. See everyone on January 10th.

As always, Model Railroading is Fun !!!

**LEE SHEFFIELD,  
SUPERINTENDENT**

**THE NORTH COAST DIVISION**



# GENERAL MEETING MINUTES

**There was no General Meeting in December as we celebrated the year's achievements at our Annual Awards Banquet at Carrie Cerino's Ristorante**

**DAVE WILLIAMS,  
SECRETARY**



# MODULE GROUP

The module group has been very busy since the end of November. Both Trees and Trains and the Cleveland Metropark Zoo have been going strong, respectively. Please be sure to visit the layouts at both locations during the holiday season. Trees and Trains will be open December 27th and 28th from 5:00pm to 9:00pm as well as December 29th from 3:00pm to 7:00pm. The Cleveland Metroparks Zoo Wild Winter Nights will be open pretty much every evening from 5:30pm - 10:00pm until Sunday, January 5th with the exception of the following days:

**Christmas Eve**

**Christmas Day**

**New Year's Eve**

**New Years Day**

It can't be stated enough, but a huge thank you goes out to all the volunteers operating on the layouts and engaging with the public at both events. Keep up the good work!

**Looking ahead to next year** - The Module Group's annual planning meeting will take place on Tuesday, January 14, 2020 at the North Olmsted Library. Please let me know if you are interested in joining us for this event. As always, anyone interested in joining the module group, please contact me via email, [woo3482@hotmail.com](mailto:woo3482@hotmail.com), or see me at the regularly scheduled monthly business meetings.



**Adam "Hot Box" Woodie**  
**MODULE GROUP**

# MEMBERSHIP

## WELCOME NEW MEMBERS!

I know that this newsletter will not reach you by Christmas but Santa's favorite, most beloved and bestest Elf is always thinking about great gifts for loved ones and friends. How about a belated Christmas gift of membership in the NMRA. At \$19.95 for a nine month trial period how much better can it get? I'm giving it to one of my friends who's interested in starting a train layout and I'm sure that he will love it. Also with the gift I would suggest giving a copy or two of past issues of the NMRA magazine to stimulate their interest. Wow !!!!! How much better can it get? Being involved in a great organization related to model railroading with the added benefit of camaraderie with, in my opinion, the greatest friends that a person could ever be associated with. **Happy New Year** to everyone and yours !!!!!!!!!!

**GEORGE KELLER**  
**MEMBERSHIP CHAIRMAN**



MEMBERS: If your membership information needs to be updated, or for any questions about membership, please email George Keller, Membership, at [gkeller4@woh.rr.com](mailto:gkeller4@woh.rr.com) or call 419-217-0396 and leave a message.

## RAFFLE

I am happy to report that we had another wildly successful raffle season capped off with another great Awards Banquet Raffle. A big thanks goes out to everyone that have donated items for the raffle though-out the year. As always, be sure to check out the items available at the monthly raffle. I try to have something that will appeal to everyone.

**ADAM WOODIE,**  
**THE RAFFLE DUDE**



# COMPANY STORE

## ***Davies Steel hopper cars are still available!***

These are based on Dean Freytag's steel mill modeling. Dean's railroad was the South Ridge Lines and the steel mill was known as Davies Steel. We have designed a 70-ton three bay hopper car that in theory belonged to the South Ridge Lines and was leased to Davies Steel. There are four pre-lettered cars with



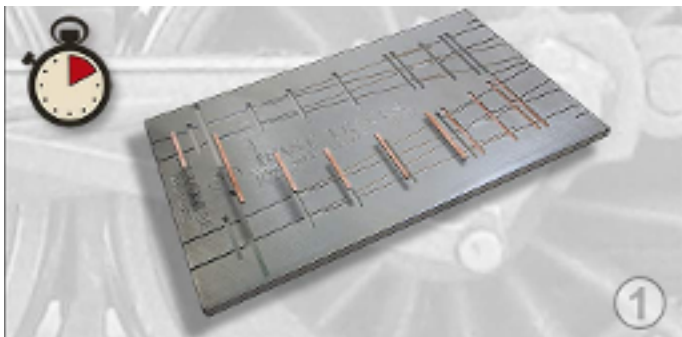
application of pre-printed decals to expand a fleet of cars to 12 numbers. Price is REDUCED to \$17 each.

Division 4 shirts and hats are available through the Company Store. Order at the monthly meeting, or through the form on the Company Store page on our web site. Division 4 patches are also available at \$3 each.

We'll have more finger LED lights, Golden Spike stamps, HO gages and more for sale at upcoming meetings.

We have a library of how-to DVD's for member use, available at our meetings. A \$10.00 deposit for each DVD rented. \$10.00 returned when DVD returned at next meeting.

Want to get something new done for your layout over the coming months? The Division maintains an inventory of Fast Tracks jigs, tools and supplies. Code 83 #4, #5, #6, #8, #6 Gantlet and a #6 single/double crossover are available. Also - a number of our members have used them to complete the turnout construction requirements for the NMRA's Civil Achievement Program



**SCOTT BENSON**

**COMPANY STORE MANAGER**

# CLINIC

**January 10, 2020**

**AC&Y's Spur 4 - Serving the Rubber Industry**

**Steve Holzheimer**

**This presentation covers Steve's efforts at replicating the operations and appearance of the AC&Y Spur 4 facilities and customers in Akron, OH circa 1960 on his home layout. Plenty of historical prototype and in-construction model photos will be used to illustrate the project**

## **CLINICS WANTED**

**Help!!!!** I am looking for programs for January through June 2019. If any of you would like to share your modeling techniques, know of someone I could contact for a program, or have a suggestion for a program topic, please contact me. If you have contacted me previously about a program, please take time to remind me again.

## **Clinic Presentation Aids**

Division 4 has a digital projector available for use by Division members for presenting clinic programs in digital format. We now also have a carousel slide projector with carousels. The Division also has a video camera available for program enhancement. Anyone wishing to use the camera or the projectors for their program, contact Larry; [lmadson@roadrunner.com](mailto:lmadson@roadrunner.com)

440-934-2643 or 440-864-2305.

**LARRY MADSON**

**CLINIC CHAIRMAN**



**After many years being our Clinic Chairman, Larry has asked we find a replacement so he can "retire". For anyone wishing to be more active in the Division, this is an excellent opportunity. Contact Lee if interested.**

# THIS & THAT

**DAVID JAMES' FATHER PASSES** - HENRY "Hank" JAMES, age 83 of Brecksville. Dearest husband of Janet



(nee Burgers) for 61 years. Survived by his children, David (Carole), Ric (Becky) and Amy; grandchildren, David Engblom (deceased), Tim Engblom and Danielle (Nate) Hale; great grandchildren Tyler and Alyssa Hale; sister, Shirley (Ken) Schottke; sister-in-law, Diane (Bruce, deceased) Burgers. Hank worked for 62 years with BRT Charter Service as a driver and owner/operator. He was very active with Theodore Breck Lodge F&AM and Brecksville Chapter OES. Family and Friends will be received at NOSEK-McCREERY FUNERAL HOME, 8150 BRECKSVILLE RD., BRECKSVILLE, OH 44141 on Wednesday, December 4, 2019 from 4-8 p.m. with an Eastern Star Service at 6:45 p.m. and a Masonic Service at 7 p.m. and Thursday, December 5, 2019 from 10-11 a.m. followed by Hank's Funeral Service at 11 a.m. Interment will follow at Brooklyn Heights Cemetery. For full obituary and donation information please visit [www.Nosek-McCreery.com](http://www.Nosek-McCreery.com)

**DON WETZEL PASSES** - Don Wetzel passed away Nov. 14, 2019. The family asked for privacy. After contacting Don's family I would like to have this memorial published.

Don worked for the New York Central Railroad qualifying as a steam, diesel & electric locomotive engineer. He was a member of the New York Central Historical Society, The National Model Railroad Association and many other organizations. His railroad background is amazing.

Please see: <https://www.youtube.com/watch?v=gBBQL5x3-34>

*I met Don "all those years ago" and we had so much in common. We became close friends. He was the most interesting person that ever entered my life. Don was a railroad man, inventor, innovator, pilot, historian and a true best friend.*

*The engine house has another empty stall. My good friend pulled off the NYC turntable, loaded his 4-8-4 Mohawk with a good supply of coal & water, heading out to a never ending mainline with signals always green.*

*Don was the original "Rocket Man". He helped design the NYC jet engine powered Budd rail car, number 479 and was the engineer setting a land speed record in the Guinness World Book of Records! The Budd car was scrapped but the jet engines live on being used for snow removal.*

*Highball my friend!*

- JOE KURILEC, MMR®

**RICH MAYICH AWARD** - I Want everyone to know that I was elated and truly honored to receive the NMRA, MCR, Division Four Richard Mayich Award for Accomplished Diorama Modeler. In entering modeling contests both on a Division Four and Regional level I chose the Diorama category because of my interests in reading. To me dioramas are short stories, or in some cases even novels, on a visual platform. Like a short story or novel dioramas are silent. But if you put yourself into the scene of the diorama they come alive with sights, sounds, smells and weather. When I entered my NKP bedroom/buffet/lounge Pullman passenger car number 151 at the 2019 Mid Central Region Convention, *The Bullet 2019*, it was the first time

I tried to convey the sense of smell. The scene inside the car was morning breakfast and when asked about the goings on in the scene/car I replied "Eggs, bacon and fresh hot coffee were being served" and I asked people to put themselves into the scene and smell the eggs, bacon and coffee. It worked and people said that they had never imagined that before, especially the smells.

I truly believe that we have more than five basic senses. To me the sixth is our sense of imagination. An unlimited and unbridled imagination in our scale world of model railroading is rewarding.

When I venture out into the Regional Convention contests I want you all to know that I consider myself as a representative of Division Four and the models must be representative of the high standards that Division Four has set.

In closing I want to say that I would have loved to thank all of you at the Banquet but I realized that you all wanted to be home long before 2:00 am Saturday morning. (Thanks George! - *Editor*)

Very Sincerely,

George Keller

**RAILROAD HUMOR** - The Railway Operations chat group, Ry-ops-industrialSIG@groups.io, recently had a series of responses to the topic DISBARRED AND DEFROCKED. Here are a few:

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"So how many times have you derailed?" "Not really sure; I lost track." - *Detlef Kurpanek*

---

The trainmaster tells the rookie brakeman that he needs to pay attention to the old head conductor, because he will tell him lots of useful things. "Like what?" asks the rookie. The conductor tells him, "I can tell you how to tell the difference if that black thing on the tracks way up there is just a bird, or if its a rock that will derail your train." The rookie says, "Oh ya', how?" The conductor says, "When you go towards it, if its a bird, it will fly away." - *Dave Husman*

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So this passenger goes into Grand Central Terminal one night and gets on 59, The Chicagoan.

He get to his sleeper, gives the porter a \$20 tip and tells him, "I have to get off in Rochester tomorrow morning for a very important meeting. If I miss this meeting I will be fired and probably never get another job as good. I am hard to wake up, but You Get Me Off The Train In Rochester, No Matter What."

"Yes, Sir, says the porter. I'll get you up and off in Rochester."

Well, the man wakes up the next morning as the train is pulling into Buffalo. Mad as hell, he gets his clothes on, grabs his bag, gets off the train, beats the heck out of the porter, screaming at him the whole time. He takes back his \$20 tip and storms off to the station to try and find a way back to Rochester.

The porter is sitting on the ground in a daze. The conductor comes over helps him up, dusts him off, and says, "That is the maddest one passenger I have ever seen in 50 years of railroading."

"Naw, Cap'n," says the porter. "You should have seen that man I put off in Rochester." - *Steve Bartlett*

---

The agent was interviewing a candidate for a brakeman. The agent asked him, what would you do if you were standing at a curve and looked to the left and saw a northward train coming at full speed and then you looked around the other side of the curve and saw a southward train coming at full speed?

The candidate said. "I'd go get my brother."

"Go get your brother? Why would you do that?", said the agent.

"He ain't never seen a train wreck either." replied the candidate. - *Dave Husman*

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When I pass away, I want to go quietly, peacefully in my sleep, like my father did. Not like his passengers. - *Dave Husman*

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# CONTEST TABLE

It is my hope that your December has been filled with Christmas / holiday activities, trains, family fun, trains, good food, and trains. Even though there was no model contest for December because of the Division's Awards Banquet, there was a new award presented at the Banquet. The award is titled the Richard Mayich Award in honor of a man who raised the bar and awareness of the challenge and fun of modeling dioramas. The winner of the 2019 Accomplished Diorama Modeler Award is George Keller.

Speaking of dioramas, models, and contests, January's contest is a rail car used to transport automobiles. Any era, from the earliest forms to today's auto carriers. Even Amtrak got into the act. February's contest is a railroad control tower; from mainline interlocking towers to huge yard control towers, to simple small one man yard towers. Have some post Christmas fun and enter the contests. We would love to see what you've got in your corner of "train stuff".

A note to the winners of the November Contest of re-purposed box cars to please bring your entries back so we can see them again. Well, that's it for now from the Contest Box, see you January 10th with your entry.

**January's contest is a rail car dedicated to shipping automobiles. Any era, from the earliest through today's auto hauling carriers.**

**The February contest subject is railroad control towers, from mainline to yard towers.**



**JOE FILIPIAK**

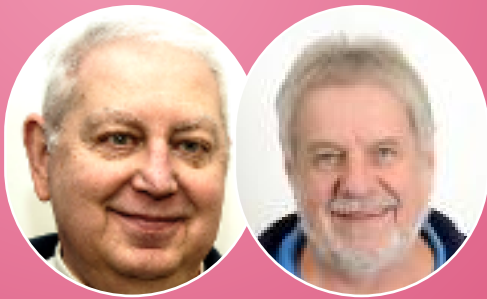
**CONTEST CHAIRMAN**

FYI - Per the National and Regional contest rules,:

*"The diorama had to be a maximum of two square feet and had to be constructed on a wood or foam base"*

This should be noted by any of you diorama builders who might wish to enter a contest at a higher level than ours here at the North Coast Division.

# DIVISION ELECTIONS



BY CHUCK KLEIN  
& JOE KURILEC, MMR<sup>®</sup>  
NOMINATING COMMITTEE

January 2020 will be a year for Division Elections. Everyone currently serving is eligible for re-election with the exception of Dave Williams, our current Secretary, who has term limited out after two, two year terms.

We have to have a slate of candidates by the February 14<sup>th</sup> Division meeting. The election is held in March, with results by April. The new terms begin effective with the June meeting.

If you have a desire to serve the Division let the nominating committee, Chuck Klein or Joe Kurilec, know.

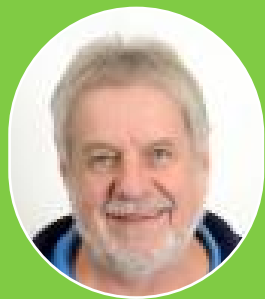
Any questions contact Chuck,  
cbklein765@gmail.com, or Joe,  
jkurilec@earthlink.net.

**New members - speaking from personal experience, there is no better way to become "part of a group" than to actively participate. And there is no better way to participate than to hold an office, be it elected or appointed. We are in need of a new Clinic Chairman, and as noted above, officers come June. So as our tag line states:**

**"Don't just belong, participate"**

**- EDITOR**

# ADDING 'REAL' COAL USING STOCK COAL LOADS ON A SIMPLE FIXTURE



BY JOE KURILEC, MMR<sup>®</sup>  
PHOTOS BY THE AUTHOR

Many of today's ready to run, super detailed hopper cars come with a plastic load that is placed inside the hopper car.

I found away to easily glue coal to these inserts making them more real and without a making a mess.

Finding foam squares with double sided glue on two sides at craft stores got me to thinking. These are used to add printed material to foam board or to glue special promotion items. I thought these could be use to hold hopper loads when adding real coal to make the loads better looking.

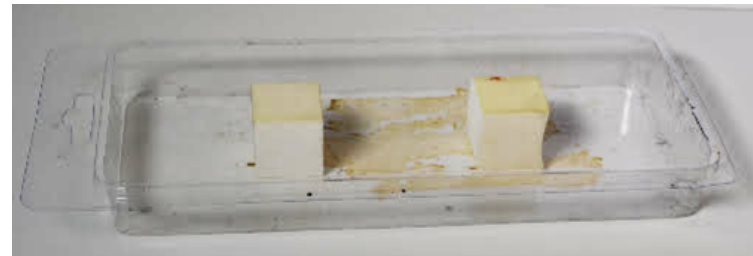
Laying the plastic load on a flat surface, painting on glue and pouring coal on to the wet glue always made a mess.

Most times the plastic load would stick to the surface.

Building a small fixture to hold the plastic loads in place when adding coal was an easy project. It took no longer then 5 minutes to make this simple fixture.



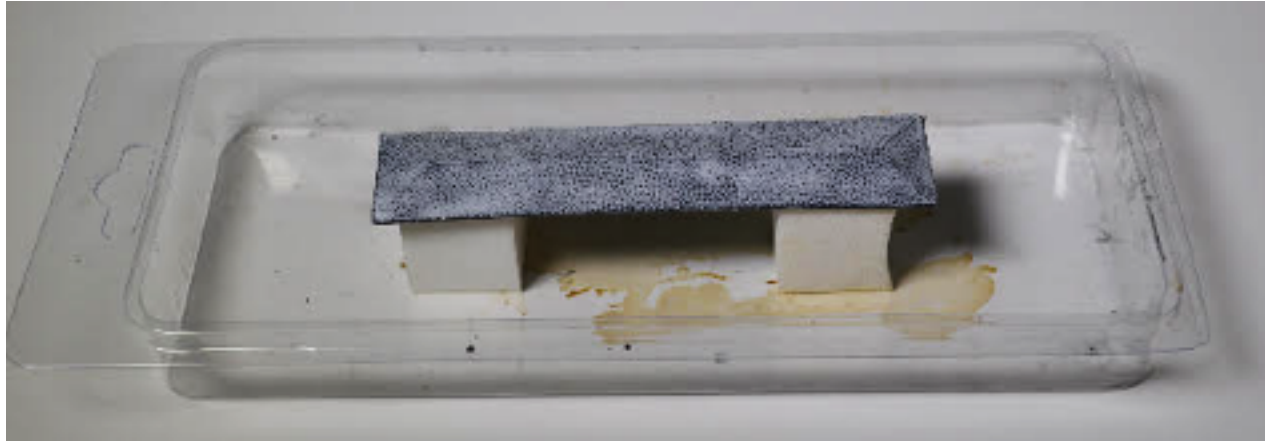
Peel off the protective paper on these foam squares allows you to glue the foam in a plastic "tray". These squares were pre-cut.



I usually save all types containers that model scenery are packaged in. There are many uses for this type of plastic package around the layout. They are very handy when dry brushing weathering powders. The excess powder falls into

the tray for easy re-use.

Mixing several colors together makes some interesting weathering powders!



I used a Woodland Scenics plastic package tray as the base to my fixture. A box from a kit would work just as well.

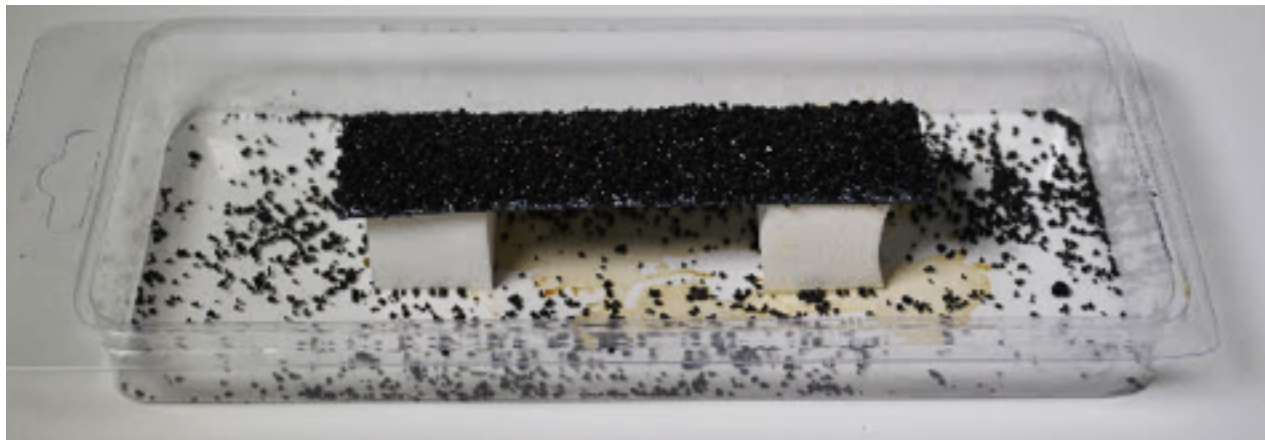
With the foam glued to the tray, I peeled off the top protection paper to expose the glue.

This would hold the stock plastic coal load in place. Depending on the length of your hopper car, make sure your tray is "long" enough for the load.

I then attach the plastic load on to the sticky foam which holds it in place. Using a brush I paint white glue over all of the plastic load.

Its pretty easy to control the amount of glue being painted on. Should glue drip on to the tray you can wipe it off or just leave it alone.

Making another fixture is fast. You might make a couple of these if you have several loads to do.



Pour scenic coal over the white glue and let it dry. Loose coal falls into the tray and can be re-used. Once dry, check to see if all of the plastic

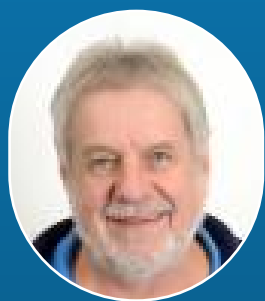
is covered with coal. Use a little more white glue to touch up areas missed.

Pour on more coal. You also can use more white glue to increase the height of the coal pile. Each load will be a little different and unique. Dulcoat spray can or air brushed weathering along with dry brushed weathering pigments will finish off the looks of the load.

Keep in mind there are several "sizes" of scenic coal. Fine to large "chunks". Iron ore and many types of gravel or ballast can also be used to make several different of loads.

For cars without loads, simply use balsa or basswood cut to fit the inside the car. Use some strip-wood to make the needed mounts for your loads. Paint with white glue and pour on the coal.

# EVER SEE THE INSIDE OF AN ELECTRIC SWITCH MOTOR?



BY JOE KURILEC, MMR<sup>®</sup>

PHOTOS BY THE AUTHOR

While doing some railroad research around the Carter Road lift bridge I found some interesting items and wanted to share them with Division 4 members.

This area was once the north end of DK yards. I found a 1950s picture of this area and became intrigued and wanted to learn more.

Since we go to the West Side Market every Saturday it was just a hop, skip and a six pack to Carter Road.

On a 1934 map, DK yards (New York Central) had eight tracks with a capacity of 366 cars. No passenger cars were stored here.



Looking north on Carter Road shows the road lift bridge. To the left of the road bridge is the railroad lift bridge. At the top right you'll see the US District Courthouse just peaking out. The Terminal Tower is also to the right.



If we turn to the left (west) on Carter Road DK Tower comes into view. This image was taken in 8-2016. Very overgrown.



Today I got real lucky. For some reason the tower area was cleaned up. This made it easy to get some good images.

Notice the stairway leading to the top of the tower..... as Lee Vandevise (deceased), past Division Super always told me "no one ever accused me of being smart!" That will be another story for the Nickel Plate Road Historical Technical Society magazine.



From DK tower turning right (north) the massive railroad lift bridge comes into view. The chain links on the counter weights are large!

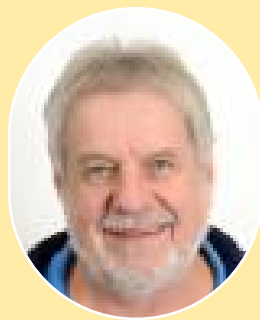


As I looked at the old railroad ties still in place I noticed an electric switch motor to the right of the ties.

Here is the point of this article. In 2016 I could not see the switch motor as everything was overgrown. The gear mechanism and components made an interesting study.

# STATE TOOL & DIE

BY BY JOE  
KURILEC, MMR<sup>®</sup>  
PHOTOS BY THE AUTHOR



As with many of our local hobby shops, ST&D and its owners Emil & Connie Orenick support Division 4 and many other railroad groups.

Located in an industrial park on Cleveland's west-side, ST & D's building houses some really interesting plastic molding machines.

Emil's Dad started the business in 1945. In 2020 ST&D will celebrate 75 years in business! The core business for ST & D is producing various types of plastic parts used in every type of imaginable products. ST&D has produced automotive components.



While not a "brick and mortar" hobby shop, ST&D makes a large amount of steel mill type railroad cars.



These parts make up one of the 27 kits that ST&D produces. ST&D got into the model kit business when Dean Freytag mentioned the lack of round roll covers for coil cars. See the image below. It's pretty safe to say that Dean is the father of steel mill modeling! We had a lot of fun at NMRA conventions. The contest judging

with the "CHIEF JUDGE" was a great time in my modeling "career".



**This is a prototype image of a coil car.**



**Here is a close up of ladle castings used with the components above. Denny W, Bill C and Ron S eat your hearts out!**

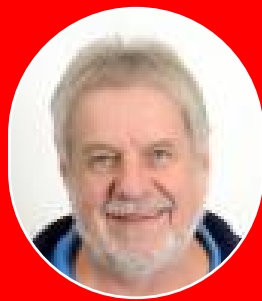


**Here the kits are assembled for retail packaging to your local hobby shop or model distribution companies.**



**Connie & Emil are alway gracious and fun to talk to...unless Emil  
falls down and go boom!**

# 'WEED SPRAYING MOW TRAIN'



**BY JOE KURILEC, MMR®  
PHOTOS BY THE AUTHOR**

Going back to 2013, as I wondered around the Collinwood yards I looked across the tracks and spotted a strange group of white cars, followed by a block of tank cars.

What the heck is that?



I saw this MOW set of cars and became interested in what they were.



I drove north over the bridge at east 152nd street to the other side of yards. This entrance is where the container cars are loaded and unloaded. This gave me access to see this strange set of MOW cars.

This is the first car on the train. I think this is an idler car as a locomotive is coupled to this car

to pull the consist. I would imagine this kept the loco crew well ahead of the chemicals used.



The next car is the control car. I guess it adjusts the weed spray as the train moves along the right of way. The hydraulics on both the sides of this car may adjust the range of weed killer sprayed around the tracks.

The next car may be used as a support/parts car. Behind are tank cars loaded with weed killer or to be politically correct "vegetation stabilizing fluids"!

Years ago a young (13 year old) Brad Glaze (past Div. 4 member) won a MCR contest with a scratch build weed sprayer car.

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# MANSFIELD

## TRAIN SHOW

Denny's Trains will have its sixth train show Sunday, December 29, 2019 at  
The Richland County Fairgrounds  
10:00 A.M. - 3:00 P.M. in  
The Fairhaven Hall, 750 N. Home Rd.,  
Mansfield, OH 44906

**Admission \$6 - under 12 FREE!!**

### THIS SHOW WILL HAVE ONLY TRAIN-RELATED ITEMS

If you are looking for tropical fish, bird feeders, baby clothes, plants, tupperware, toys, men's socks, basement water-proofing booths, etc., **THIS SHOW IS NOT FOR YOU!!**

This show WILL have KIDS AREA with a small riding Thomas train, operating G scale Thomas train, several operating layouts and 150 tables of quality train-related items.

DEALERS - 8 ft. tables \$25 - Buy 5 get 1 FREE! - Saturday set-up 4:00 P.M. - 8:00 P.M. Sunday set-up 7:00 A.M. - 10:00 A.M. There will be limited drive-in access to unload - Dealers must stay completely set-up until 3:00 P.M.

For more information, contact Dennis Breeze at 419-606-7934 or email at [coaltrain3@hotmail.com](mailto:coaltrain3@hotmail.com)

Please make checks payable to Dennis Breeze and mail to:  
Dennis Breeze  
22537 State Route 3  
Loudonville, OH 44842

DIRECTIONS: off US 30, 7 miles WEST of I-71 - exit at Trimble Rd., go north 1000 feet, turn left on Longview, take Longview S/10 of a mile to stop sign at Home rd., turn right - Fairgrounds on right



# ***Snow Dogs Train Show***

**Saturday, January 4, 2020**

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From Southwest  
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to Chevrolet Blvd.  
From East  
I-22 West to I-490 West to Tiedeman Road to  
Brookpark Road to Chevrolet Blvd.  
From West  
I-490 East to W. 126th Street Exit to  
Brookpark Road to Chevrolet Blvd.

# MANSFIELD TRAIN SHOW

Denny's Trains will have its seventh  
train show Sunday, February 9, 2020 at  
The Richland County Fairgrounds  
10:00 A.M. - 3:00 P.M. in  
The Fairhaven Hall, 750 N. Home Rd.,  
Mansfield, OH 44906

**Admission \$6 - under 12 FREE!!**

**THIS SHOW WILL HAVE ONLY TRAIN-RELATED ITEMS**

If you are looking for tropical fish, bird feeders, baby clothes, plants, tupperware, toys, men's socks, basement water-proofing booths, etc., **THIS SHOW IS NOT FOR YOU!!**

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For more information, contact Dennis Brees at 419-606-7934 or email at [coaltrain3@hotmail.com](mailto:coaltrain3@hotmail.com)

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**DIRECTIONS:** off US 30, 7 miles **WEST** of I-71 - exit at Trimble Rd., go north 1000 feet, turn left on Longview, take Longview S/H of a mile to stop sign at Home rd., turn right - Fairgrounds on right

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Friday: 12:00 - 7:00 p.m.

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# DIVISION 4, MCR, NMRA

## *The North Coast Division*

The North Coast Division holds 10 meetings a year (none in July and August). Meetings are on the 2nd Friday of each month. A social half hour starts at 7:00 p.m. followed by a short business meeting at 7:30. After a short break, a railroad themed raffle and clinic complete the typical agenda. Meetings are held at The Church of The Redeemer, 23500 Center Ridge Road, Westlake, OH 44145. Visitors are welcome to attend any meeting.

The Division's newsletter, *The Flatwheel* is published monthly (except during July and August) by Division Four of the Mid-Central Region (MCR) of the National

Model Railroad Association (NMRA). All comments are welcome. Views expressed in *The Flatwheel* do not necessarily reflect the opinion of the NMRA, MCR, or Division Four.

Uncredited photos courtesy of the editor or staff photographer Dave Williams.

*The Flatwheel* is typically electronically published no later than the Monday preceding the monthly meeting. Submissions are due no later than the 26th of the prior month, for example, August 26th for the September *Flatwheel*.

## ABOUT US

We are Division 4 of the Mid-Central Region of the National Model Railroaders Association. With more than 200 members from Cuyahoga, Erie, Huron, Lorain and Medina counties in the state of Ohio. The North Coast Division meetings are normally held on the second Friday of the month to hear guest speakers, share skills, have railroad related clinics, and to share common problems and successes. Many of us get together informally in round-robin sessions to operate and work on each other's layouts, or just to talk railroads and modeling.

**Member James R. Raff sent a number of photos he took during this past summer's live steam meet at NEOLS. The cover photo and this photo were part of the album James sent. Thanks James! - Editor**

