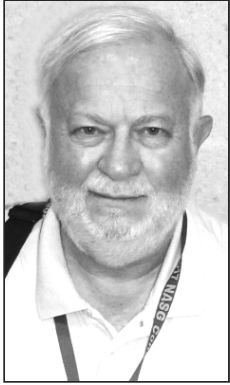


THE DISPATCH

SEPTEMBER-OCTOBER 2019



PRESIDENT'S MESSAGE



By Will Holt, NASG President

ARE WE HEADED IN THE RIGHT DIRECTION? The answer to that is most definitely, **yes**.

Well, you might ask, in what ways? First in helping to increase the number of S, 1:64 model railroaders. NASG's presence at national train shows has been highly consistent for the past decade. NASG's consistent participation in such shows as the World's Greatest Hobby on Tour, the National Train Show, the Amherst Model Railroad Show, Train

Fest, and others has shown the progress that S has made and the strength that it now has in the overall scheme of things.

How do we know this? We developed a better system of recording the statistics at the shows. We record numbers that tell us how many of the individuals we speak with at shows are in S, entering S, re-entering S, considering S and how many discussions are helping to bring individuals and families into model railroading.

The numbers show that over just a few years ago, there are now more S model railroaders. There are increases in those who are entering or re-entering S. More are giving S serious

consideration as a scale in which they will begin model railroading or the scale to which they will switch.

That has been a long time coming. Do you remember the commentary a couple of issues ago that spoke to the need for on-going efforts, not just one time shots? The consistency we have attained is showing significant results. We are, thanks to more members offering their time, getting to more public events to promote S, 1:64 model railroading. Our consistent efforts provide a solid base. We are using the experience to do even better.

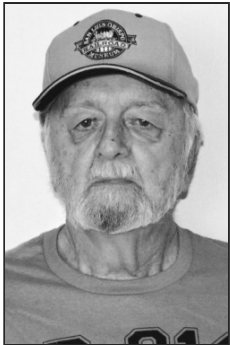
The more we bring people into model railroading in S, the more products our loyal manufacturers will bring to market. With more products more will join S and more of those new S devotees will become members of the NASG.

CONGRATULATIONS AND THANK YOU

In the election just completed in June, Jim Whipple was elected as new Executive Vice-President. Pete Gehret was elected Western Region Vice-President. Congratulations to Jim and Pete, and to Andy Malette, Jeff English and Jay Mellon who were re-elected to the Board of Trustees.

Leaving the Board of Trustees are Monte Heppe who served as Executive Vice-President and Bill Roberts who was Western Region Vice-President. Thank you, Monte and Bill, for your valuable service to the association. 

THE CONDUCTOR'S CLIPBOARD



By Bill Pyper, Editor, NASG Dispatch

To paraphrase Robert Burns, The best made plans of mice and men often go awry. Over the almost six years that I have been the editor of The Dispatch, I was able to time the printing and mailing of the magazine so members received it during the first week of the month on the cover. The USPS has taken an average of two weeks to deliver it. A couple of times they took three weeks. Imagine my surprise when I heard from people that

they had received their Dispatch only five days after the printer had delivered it to the Post Office in Pismo Beach, California. If only we could count on that, I could extend the deadlines for submitting material for publication.

When you finally get this edition of The Dispatch, about two weeks later than usual, it is because that I had to wait for all the pictures and stories from the Annual Convention. Special thanks to Jeff Madden, John Myers, Alan Evans, Dick Karnes, Jay Mellon, Michael McConnell and Ray Garbee for all the pictures and information that they provided.

OOPS! At the end of the item in the last issue of The Dispatch telling of **The Magic of Scale Model Railroading** exhibit at the **California State Railroad Museum** in Sacramento, it was stated that it was scheduled to open September 1, 2020. The correct opening date was September 1, 2019.

BY NOW it is well known that **S Gaugian** is going to cease publication. **Don Heimburger** sent me the following message to publish in The Dispatch.

"I'm ready after 57 to 'just watch the trains roll by' and have some enjoyment in my retirement years. The last 57 years have been tons of fun, and I appreciate all the fine S gaugers who have supported the magazine, Scenery Unlimited and Heimburger House Publishing Co. I **will** come to the S shows!"

Every now and then I get an e-mail from a member who is looking for an article in a previous issue of The Dispatch. I usually just go ahead and look it up for them. But if you need to find a specific article from a past issue, you can save time by going to www.nasg.org/Dispatch/BackIssues.php and finding it yourself. The articles are sorted by **author**, **category** or **issue**. Or you can go to www.nasg.org, click on **NASG**, the **The Dispatch**, then **View back issues listing**. This information will be permanently listed at the bottom of page three in every future issue of The Dispatch.

I got a pleasant surprise this morning when I picked up my mail and there was a package containing a plaque that is "Presented to Bill Pyper for his service as Editor of NASG Dispatch Magazine." Thank you gentlemen. 

MICHAEL HARDESTY
has made a monetary donation to NASG



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DEADLINES for time sensitive articles and adver-
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1st for May, May 1st for the July issue, July 1st for
September, September 1st for the November
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THE DISPATCH

Volume 43, Number 5, September-October 2019

MANIFEST

COVER The service station is a modified Walther's HO kit. An easy to build construction article is in this issue. The café is scratch built of basswood with an animated sign from Miller Engineering. The lamp post is a Just Plug light from Woodland Scenics. On upper track is an old 2-4-4T passenger locomotive now used for hauling logs on Steve Monson's Taylor Falls branch line. Here it is taking a string of skeleton log cars down the hill to the St. Croix River for floating down to the sawmill in Stillwater, Minnesota. Photo by Steve Monson.

PRESIDENT'S MESSAGE 2

CONDUCTORS CLIPBOARD 2
Notes from Dispatch Editor Bill Pyper 2

A GAS AND SERVICE STATION 4
Steve Monson kitbashes a Walthers gas station kit 4

PLOP AND PLAY TRACK TURNOUTS 7
Jeff Madden writes about the combatibility of different tracks . . . 7

LOW COST DEAD RAIL SPEEDER 8
Alaskan Nicholas Deely has created a unique rail car 8

SPRING FAIR TOY SHOW 9
NASG members show a layout at Dyersville Iowa Toy Show . . . 9

LIONEL AMBASSADOR PROGRAM 10

LIGHTING STRUCTURES USING LEDS 11
Tom Hartrum tells how to wire LEDs for better lighting 11

S PRODUCTS Introduction to a variety of S products 14

PRODUCT REVIEW Hidden River Models Car Repair Shed . 16

2019 NASG ANNUAL CONVENTION 18

CLASSIFIED ADS 27

CALENDAR of EVENTS 30

BUILD A BACKDROP VIADUCT 32
Joe Kimber shows how to build a backdrop viaduct 32

NASG LOGO a review of regulation NASG logos 33

COMPANY STORE and **NASG SPECIAL CARS** . . . 36

NEW MEMBERS 39

FOR AN ONLINE DIRECTORY of previous articles in The
Dispatch go to <https://www.nasg.org/Dispatch/BackIssues.php>

NASG Web Site

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A GAS AND SERVICE STATION

By Steve Monson, Brooklyn Park, Minnesota

Many model railroads have a nice array of railroad related structures — depots, water towers, coaling stations, engine houses — along with various industries that give our trains a reason for their existence. But when it comes to everyday structures most of us have very few. I know a man with a super railroad including more than 80 structures, but with only one residential house. Maybe we find them boring and plan to get to them someday. An item I have often seen missing is the one described here, the common gas station. Most layouts could use a couple of these, at least.

In the late 1930s oil companies started modernizing their service stations. Texaco was the first to come up with a standardized station that included an office, washrooms and service bays under one roof with a pump island out front. Other companies soon followed.

In the 1950s and 60s this standard box design could be seen everywhere. Today instead we see giant convenience stores with food, gifts and 24 or more pumps out front — and no service bays. But if we turn off the freeway and head into the older parts of towns we will see many of the old service stations still in use. They were built of concrete block with the front sometimes covered with gleaming white porcelain enamel steel panels. The other sides were painted gloss white. In the southwest some of them were built using only the steel panels bolted together.

The structure described here is rather simple with clean straight lines. A fine model could be made from styrene sheets or wood sheathing. But this is a model that begs to be made from plastic. I like working with wood, but with the smooth white sides styrene is the obvious choice. Building this gas station from scratch would not be hard. The simple box like design would go together easily.

Before I got started on mine I found that Walthers has a very nice HO kit of this model. The cost is only about \$25 and can be found at hobby shops and on eBay. Kits today are so fine, virtually no flash to remove, and the parts all fit with precision. We couldn't have dreamed of this quality years ago.

Kit or scratch, how could I choose? If I used the kit it would be too small for S and would need to be located away from close viewers. See my **July-August 2018 Dispatch** article **HO In The Corners**. But the kit contained nice doors and windows, a white "enamel" exterior, the gas pumps and a decal sheet that includes various lettering for signs. In the end, I chose to use the kit, add some height to it, and upgrade the pumps.

Modifications for S scale

The kit comes with good instructions. Follow the steps below before gluing the sides to the base:

Glue 1/16" x 3/8" strips to the bottom edge of all sides. This addition will make the doors a realistic 6' 10" high and look good with our S scale people. I had basswood in the right size handy, so I used that, but styrene strips would be better and not show any grain. Super glue will be fine for either.

Add the same 1/16" x 3/8" strips (trimmed down slightly) to the bottoms of the overhead service bay doors. These doors are still undersize, but look good from a short distance away.

With a sharp hobby knife, widen the front office door opening slightly so that an S Scale Grandt Line* door (less frame) will fit inside, or cut a flush door from stripwood and use instead. The washroom door opening can remain narrow, but make a taller door for it out of stripwood.



Above: Although somewhat undersize, with the modifications described here, this HO Walthers kit makes a good looking service station.

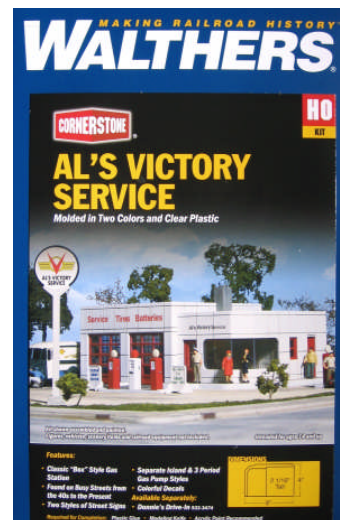
The kit comes with three types of HO size gas pumps and the decals for them. But there are many 1:64 scale pumps available and I chose to use them. Those shown in the photo I found on eBay. (Search: 1/64 gas pump)

The completed model is slightly undersize, but looks pretty nice. I have several small towns on my pike and could use some more of these. This was an easy project and took only a couple of evenings to accomplish. 

Note: Some historical information was taken from the Walthers Cornerstone instruction sheets.

***Grandt Line Products** are now sold under the name San Juan Details at <https://www.sanjuanmodelco.com>

Door#4003 \$3.30

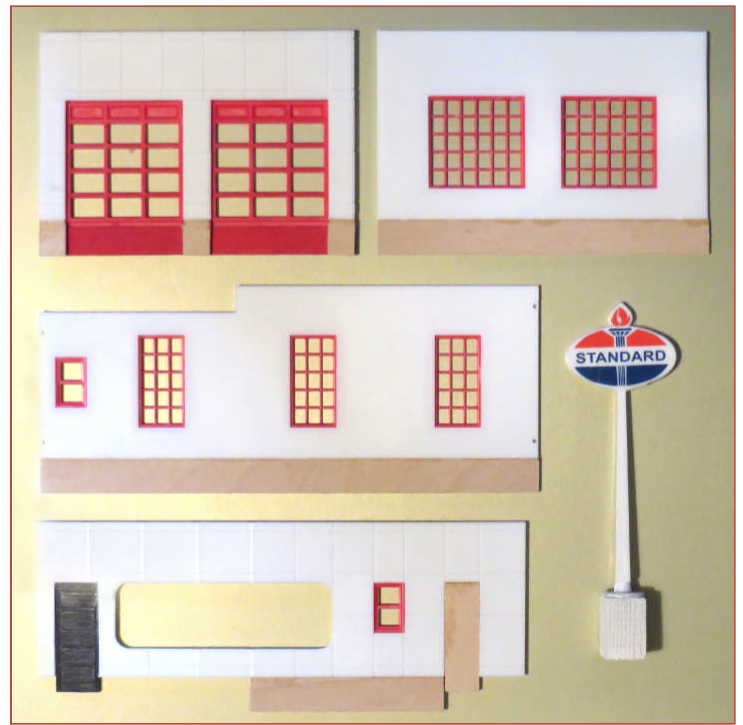


The Walthers HO Cornerstone kit makes a convenient starting point for an S scale service station.



Four pieces make up the sides of the building. The fifth is the divider between the office and the service area. I have added 1/16" x 3/8" basswood strips to the bottom edge of each piece. The missing pieces will be added after gluing to the base.

The black door on the left is *Grandt Line part #4003. The washroom door is made from the same wood strips. Steps 1/8" high will be added by each door.



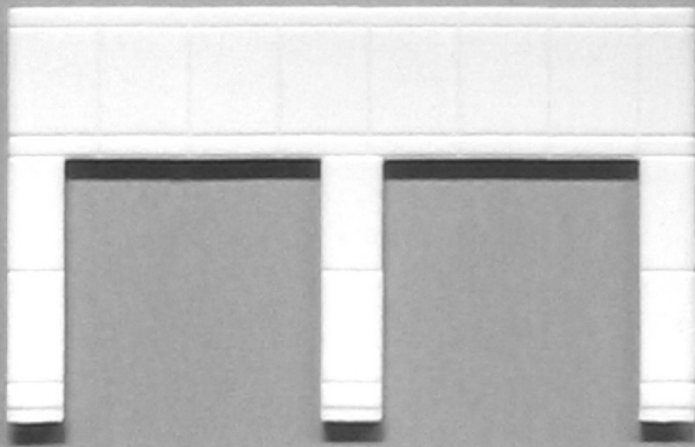
The doors and windows have been painted. You may want to paint the wood strips before gluing to the sides, but I did not so that they would show clearly in the photo. The large panels on the front represent white enameled steel. The station near my house is identical in shape, but is built of only concrete block. Perhaps it was once covered with enameled steel, but no longer. I have added a wood block to the bottom of the sign post to represent a concrete pier and to give it extra height.

Below: This vintage Sinclair station has the same wrap around office window up front. The office sits forward a little compared to the Walthers kit.

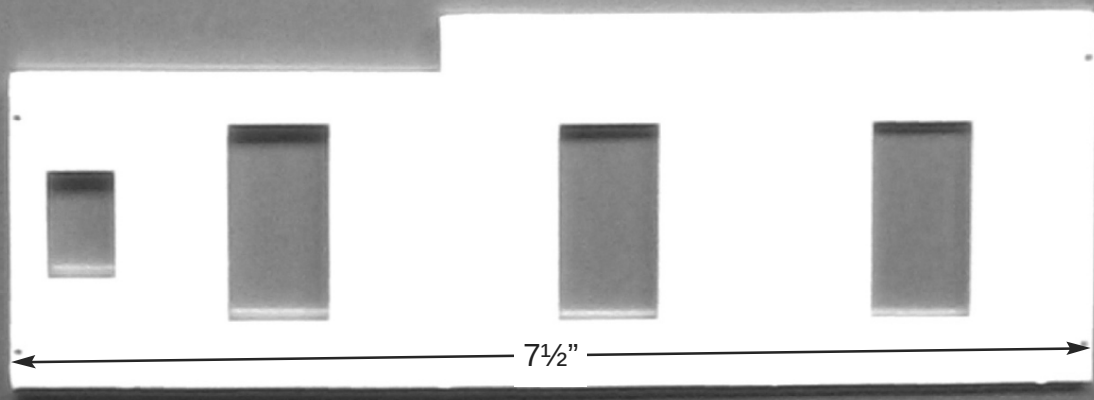
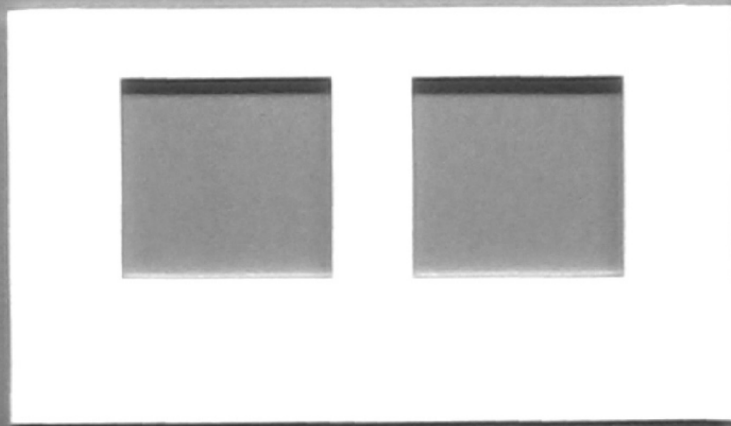
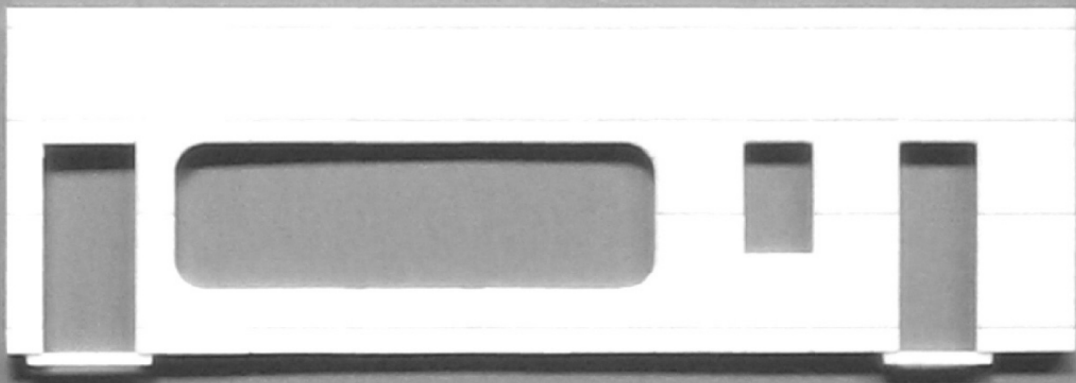


I Placed my service station back a couple of feet. The café is scratch built of basswood. The Cafe sign and Barber Pole are animated signs from Miller Engineering. The lamp post is a Just Plug light from Woodland Scenics.

More on the next page



If you choose to scratch build the model, enlarge this photo so that the bottom wall (rear) is 7 ½" long or 40 S scale feet. This will give you full-size drawings of each side.

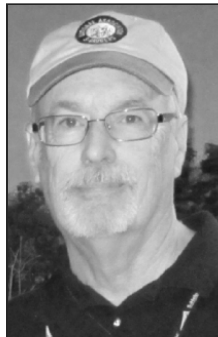


7 ½"

"PLOP AND PLAY" TRACK TURNOUTS

By Jeff Madden, Editor Emeritus

Recently the internet was full of "track whiners;" those who were bemoaning the loss of Shinohara code 100 track. Many were clammering for another manufacturer, say Atlas or Peco, to step in. Due to huge tooling costs and S being a minority scale, this is unlikely. Hey, they say, maybe we could talk newcomer Fox Valley into adding code 100 track and turnouts, though they'd be asking a lot.



Yes, hi-rail code 148 and 138 track systems are substantially covered by Fox Valley, American Models, MTH S-Trax and Lionel's FasTrack. It seems that all but AM are fairly compatible as to rail size (code 138), and Fox Valley even has #5 turnouts with either scale or hi-rail frogs. American Models offers snap track, flextrack and tight radius turnouts in code 148, and their system is pretty realistic looking even though it has a slightly higher rail profile.

Could we in S convince one of the four hi-rail makers into producing a code 100 product? I doubt it. To me, the only possible option for RTR code 100 turnouts might be Tomalco who already produces flex track and turnouts in that code. Tomalco has several gradual and other turnouts available in code 100, and they are ready to lay, but they do require some electrical gapping and minor adjustments.

But it's not all doom and gloom for scalers if they are willing to work with the scale looking hi-rail products already out there. The newcomer, Fox Valley, is ready to go with flextrack and #5 (more gradual) turnouts that come with scale or hi-rail frogs. The other three track makers — AM, Lionel and MTH — all have realistic track systems, and they may be coaxed into producing more gradual turnouts. The reasoning here would be to please "semi-scalers" by allowing easier tracking for larger locomotives and longer cars such as freight cars over 50' and passenger cars. Lionel American Flyer might eventually add some flextrack to its FasTrack line.

For compatibility among hi-rail systems, you can choose one and go with it or if you have some of each of the four systems then the trick would be to NOT mix unlike snap, flex or turnout types in visible areas of your layout. This thought concerns rail size when mixing in AM code 148 and tie spacing and coloration for all four. If you have a mix of systems, one way to work them into a layout is to separate them in different areas. For example: a staging yard, branch line, main line or in unseen tunnels. If you want gradual turnouts on a mainline maybe go with Fox Valley and use the other turnouts (including MTH, AM and Lionel) in other areas such as yards, staging yards or on a branch line where tighter turnouts would be more at home.

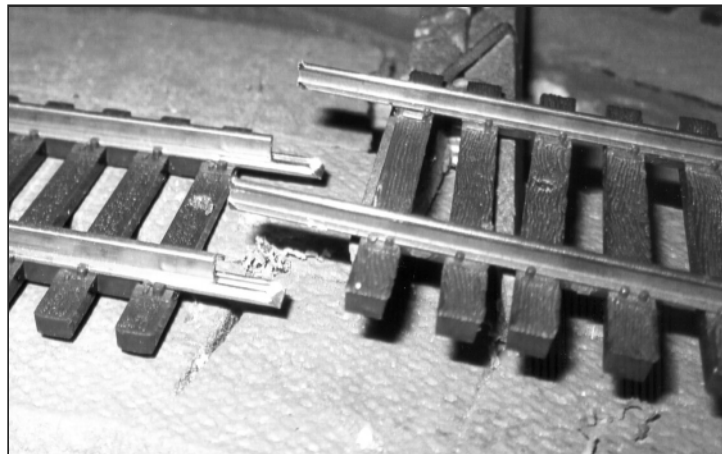
Let's remember the old days of HO when code 100 was standard for HO and nobody complained. Many of today's layouts still have code 100 track and turnouts.

As with HO in the old days, hi-rail S track products can be made pretty realistic looking by painting the sides of the rails and ballasting. Hmmm, did very many complain at the realism of Brooks Stover's BC&G layout that used American Models code 148 track and turnouts?

Let's remember the old days of HO when code 100 was standard for HO and nobody complained. Many of today's layouts still have code 100 track and turnouts.

As with HO in the old days, hi-rail S track products can be made pretty realistic looking by painting the sides of the rails and ballasting. Hmmm, did very many complain at the realism of Brooks Stover's BC&G layout that used American Models code 148 track and turnouts?

The same philosophy pertains to those fine-scalers who want to stick with code 100 rail but are caught short by the lack of availability of the Shinohara line. Naturally they can expand with the Tomalco line, but if they desire to use the hi-rail track then I would caution, as above, to NOT mix codes in obvious visible areas. I myself added a small unscenicked staging yard to my code 100 layout using Fox Valley track and turnouts. To transition from code 100 to the code 138 track I just soldered the code 100 rail on TOP OF the Fox Valley rail joiner.



For now let's try to lobby AM, Lionel and MTH into providing more gradual turnouts to match their systems. NASG members, clubs with modular layouts and owners of hi-rail home layouts would be primary lobbyists for advocating for more gradual turnouts from all hi-rail track producers and for Lionel to add some flextrack to their line.

For the code 100 diehards there's Tomalco, hand laying, Fast Track jigs and the used market. Note: code 100 works out to about 115 pound rail, and code 138 reflects 155 pound rail (PRR standard). AM is a bit larger than that. 



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LOW COST DEAD RAIL SPEEDER

By Nicholas Deely, Fairbanks, Alaska

The concept for this project originated from a "eureka" moment when I read an article about battery powered locomotives. So I purchased a Maisto radio-controlled 1:64 scale Hummer from Amazon for \$14.95.



The project started by cutting away the vehicle's top superstructure. However, before starting the conversion I made sure that it operated properly. Once intervention has started it can be difficult to trace back any operational problems.

Another important caveat is to have a wife who sews and knits. Her workshop is my "hobby shop;" for one would be surprised how much can be pilfered from this source for one's construction projects!

The front wheels and axle were removed. Since the axle did not meet my needs, I replaced it with one of my wife's sewing needles. It was now fitted and quartered with scale 28 inch wheels. The wheels were of European origin as I felt that the larger flanges would offer better adhesion and traction.

Mounting the rear wheels was a challenge because the gears were solidly fixed on the axle. However, by cutting away some superfluous plastic I was able to mount the rear wheels.

Test runs, at this stage, indicated that the unit was rather light which made it "jump" all over the track. Since the interior of the car was filled with electrical components, I had to mold lead weights to the configuration of the available space. Operation was much improved with this addition.

Having on hand an Artista casting of a man in action, I surgically cut him in two at the waist. The upper part of the body was placed in the driver's seat which was made from scrap plastic. Not wanting to waste anything, I cloned the lower part of the torso into another passenger in the rear of the vehicle. He was placed in a supine position with his feet sticking out from the rear of the unit. To give the illusion of a whole body, I covered him with a bear skin — a piece of cloth nicked from my wife's sewing material. This was fringed, stained and chalked over to give the resemblance of a bear skin. A wide-brimmed hat was made and placed over where the head would be. The impression — a full body!



Because of the unsightly mess of electrical components and lead weights in the car, I covered the whole rear section with a canvas. This was a piece of closely-woven cloth, stained and chalked over, to give a fair representation of a canvas cover.

For an authentic Alaskan/Canadian look, I mounted a 16-foot, hand-carved and painted canoe on two 4-inch roll bars. The canoe was carved out of bass wood.



In order to insure good radio reception, especially in the tunnels, I appropriated another sewing needle, configured it into a 6 foot antenna and mounted it next to the driver after having soldered it to the electrical components.

The model was then hand painted and lettered with dry transfers for my Athabaska Northern Railroad (AN).

It looks formidable, but runs like a model T. But it runs! And all for just 15 dollars! 🚂

Originally from northern New England, **NICHOLAS DEELY** studied medicine in Canada. In 1960, he completed his studies at the Montreal Children's Hospital and headed to Moose Factory, Ontario in service of Canada's department of Indian Health and Northern Affairs. After that assignment, his wife noted that Fairbanks needed a pediatrician. They have since lived most of their lives in Alaska. It is, and will ever remain their home!

DYERSVILLE IOWA SPRING FAIR TOY SHOW



By Chuck Metzger, Bettendorf, Iowa

Chuck and Donna Metzger, President Will Holt and Jerry Stebbins set up a portable layout and introduced adults and children of all ages to the advantages of adding S Gauge trains to their 1:64 scale farm and construction displays.

Though the **Spring Farm Toy Show** isn't extremely big, there were attendees, vendors and visitors from all over the US. We had many people stop by and talk about trains in general and the availability of trains in their preferred 1:64 scale.



There were a surprising number of attendees that either wanted to add trains to their displays or that already collected American Flyer.

Once the portable layout was setup and fine-tuned it ran almost flawlessly for the two day show.

For you mid-westerners, If you want to see some interesting 1:64 scale farm and construction displays you can visit Dyersville on November 1st through the 3rd for the National Farm Toy Show. I'm sure that we will be there. 

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LIONEL AMBASSADOR PROGRAM

As reported by **Dick Bukowski** for the **Chicago Association of S Gaugers**

The Lionel Ambassador Program was re-launched in 2015 by Lionel to have local clubs represent Lionel at model train events open to the public and to provide reviews on a variety of Lionel products. Program participants were provided with products from their inventory for the clubs to use throughout the year. At the end of each year's program, the clubs were able to keep those products for future use.

In addition to the products provided, Lionel also gave each club graphics for display at each event and catalogs and bags to hand out at each show to new or current model train enthusiasts.

The original Lionel Ambassador Program took place in the late 1990s and included only individual hobbyists who would volunteer to promote the hobby. Ultimately the program was suspended until 2015 when Lionel decided to re-launch the program, this time using clubs as ambassadors.

Throughout the four years that the new program has been running, a number of changes have occurred, including the number of participants, what data to provide and how often it is to be reported. In the first year of the re-launched program, there were 12 clubs chosen to be a part of the Lionel Ambassador Program, Ten O gauge and two S gauge, providing a variety of reports each month. The following two years, Lionel only extended the invite to ten clubs and for 2019 Lionel only offered the program to the top five participants from the 2018 program; those five clubs completed every task required and were honored with the 2018 Ambassador Club of the Year title.



In the first two years of the program, reviews were done on any Lionel products that the clubs chose to review. The third year it was limited to the latest three years to provide information on what was recently offered for purchase as well as the latest offerings. In 2019 the reviews will be done only on the products the clubs order out of the existing inventory. In each case, this allows Lionel to gather information not only from the big shows, but the local regional shows as well. Providing Lionel with this information helps the team focus on what products are trending and helps showcase what the customer wants.

In 2018, Lionel began providing each club with products to give away in free raffles as an incentive to the public to provide specific information on attendees. This information is for Lionel's use only and not for dissemination to other entities. Each registrant is given the choice to receive information from Lionel or not.

In the last four years, the Lionel Ambassador Program has provided a wider venue to showcase Lionel products and gather information from the public, while also supporting the clubs with product and exposure through their web site and links to the club pages.

To see any of the informative reviews go to Facebook, You Tube or Twitter and look for **Lionel Ambassador Program**, **Lionel**, or specific products. **www.Lionel.com** is also a great starting point for any product, club, catalog or review. We hope that you all will benefit from the Lionel Ambassador Program. 🚂



LIGHTING STRUCTURES USING LEDs

By Tom Hartum, Photos by the author

Several years ago I built a 3-story office building with full interior detailing for our club's modular layout. I put 14 grain-of-wheat bulbs in it to illuminate the interior, but at the first show the power supply overheated and it shut down. For several years the building sat dark until I finally took it apart and replaced the bulbs with LEDs (Light-emitting diodes). Now the building is a real crowd pleaser. In addition to low power, other advantages of LEDs is that they generate less heat and they have a much longer life than traditional incandescent bulbs.

Wiring LEDs: One important way in which LEDs are different from bulbs is that they are direct current (DC) devices and have to be connected with the proper polarity. Usually the longer of the two leads goes to the positive side of the circuit. I always put a small dab of red paint on the long lead since after cutting and bending the leads you can lose track of which is the positive one. Another difference from bulbs is that an LED cannot be directly connected across the power supply (unless you want to create a DED – a dark emitting device!). Rather, a voltage dropping resistor has to be connected in series, as shown in **Figure 1** and **Figure 9**. The resistor can be on either side of the LED, as long as it is in series. Often an appropriate resistor for a 12-volt supply will come with the LED. However, this may not be the case, or you may wish to use a different voltage. To do that you will need to calculate

the value of the resistor needed. Most LEDs should specify two values: their operating current and their voltage drop. If not, you will have to determine these values experimentally.

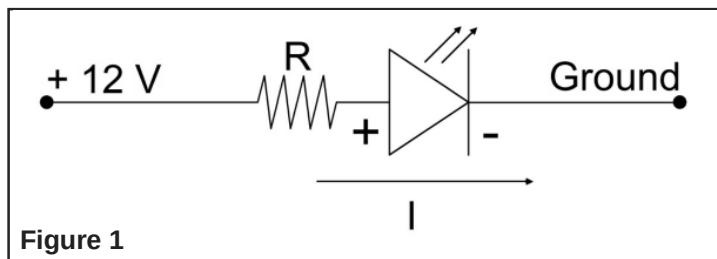


Figure 1

Figure 1: LED wiring diagram.

Time for Electrical Engineering 101: There are three formulas of importance. Kirchhoff's voltage law says that the voltage across a circuit of sequentially connected elements is the sum of the voltage drops across each element. In our circuit the elements are the LED and the resistor. This leads to the equation $V_{\text{resistor}} = V_{\text{supply}} - V_{\text{LED}}$. For a supply voltage of 12 volts and an LED voltage drop of 3.5 volts, $V_{\text{resistor}} = 12 - 3.5 = 8.5$ volts. Note that this law this allows for several LEDs to be connected in series with a single resistor so $V_{\text{resistor}} = V_{\text{supply}} - (\text{sum of } V_{\text{LEDs}})$.

Continued on the next page

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LIGHTING STRUCTURES USING LEDs

Electrical Engineering 101 (continued): Next, Kirchhoff's current law that says the current I in a sequentially connected circuit is the same through all elements, in this case the resistor and the LED. The goal is to make this equal to the specified LED operating current I_{LED} . Third, Ohm's law says that for any resistor, $V = I \times R$, or solving, $R = V/I$ or in our case $R = V_{resistor}/I_{LED}$. In our example if the LED current is 25 milliamps, or 0.025 amps, $R = 8.5/0.025 = 340$ ohms. However, resistors are only sold in standard sizes, so one should pick the next larger size, in this case 470 ohms.

What if you don't have the LED specs? My latest source of LEDs is to buy strings of Christmas tree lights, especially when on sale after the holiday. I use my voltmeter and ammeter to measure the voltage drop across one of the LEDs and the current running through the string. If you just have an unspecified LED, a friend of mine says he always uses 1000 ohms and they work just fine. Anything between 560 and 1000 ohms will probably suffice, but test it before installing it in your structure.

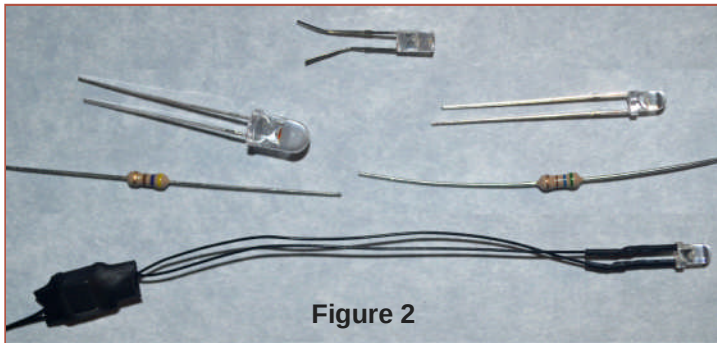


Figure 2

Which LEDs? LEDs come in many sizes and shapes. Today there are many small LEDs available from electronic houses such as **Miniatronics** (often available at hobby shops) and **Dallee Electronics**, as well as suppliers like **Walthers** and **Scenery Unlimited**. "White" LEDs come in various shades of white including warm and cool versions. The former tend to look more like incandescent bulbs, while the cooler ones look more like fluorescent lighting. **Figure 2** above shows some typical LEDs. At the top is one I salvaged from a Christmas tree set. This needs a resistor. Below that are two from Miniatronics, 5mm and 3mm, which come with resistors. At the bottom is an LED from **Lights4Models** (lights4models.com) which has a small "package" attached that not only contains the resistor, but also a full rectifier so it can be connected to AC or DC, and for DC the polarity doesn't matter. The only problem is that the size of the package can sometimes be an issue.

Figure 3, below, shows some special but useful LEDs. At the top is an S scale outdoor porch light with a reflector. Notice the very small LED and the fine wires.

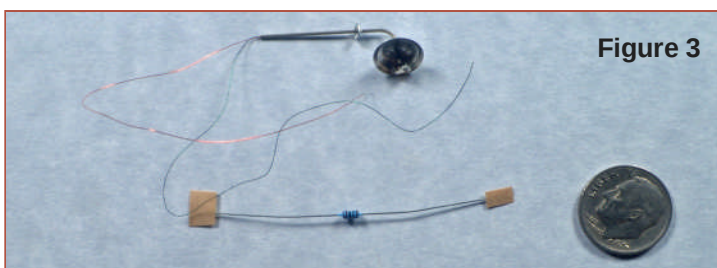


Figure 3

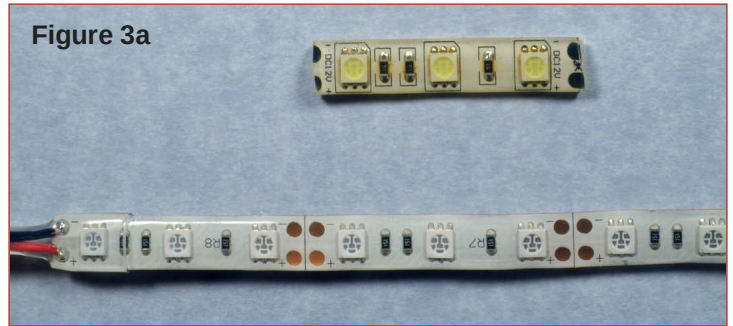


Figure 3a above shows a strip of three LEDs which includes the resistors. It just needs plus 12 volts and a ground attached at either end. This is useful for a ceiling light in a larger building. I have two of these installed in a diesel house. Both of these products are from Lights4Models. At the bottom is a strip of 12 that I found in a local electronics surplus store. **Micro-Mark** carries a 16 foot reel of 300 LEDs; you can just cut off as many as you need.

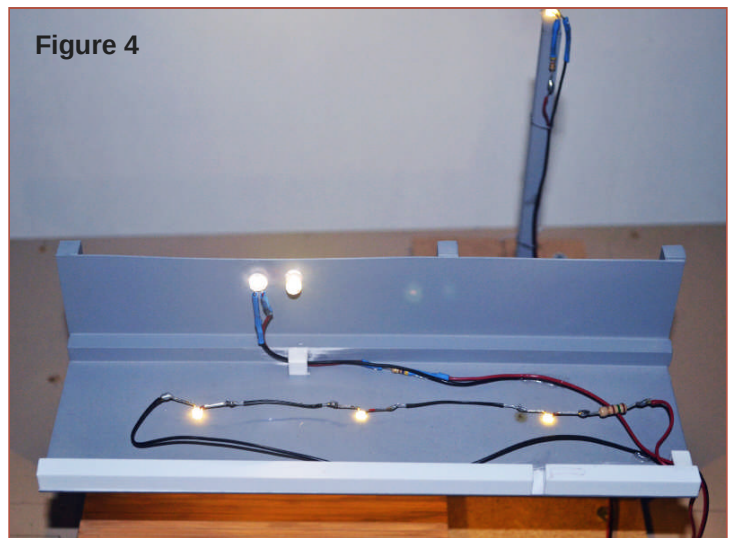


Figure 4: LEDs in series mounted in a ceiling. LEDs mounted in a wall and mounted on a special bracket.

Installing LEDs: Generally, installing LEDs is similar to installing bulbs. However, there are some differences. Where bulbs typically have two somewhat long, flexible wires, LEDs generally come with two short, stiff "legs." Bulbs are often just hung by their wires. I find it easiest to mount LEDs by drilling a hole to fit the body of the LED. This is frequently done by drilling a hole in the ceiling, if there is one, with the LED pointed down as in **Figure 4** above. This photo also shows LEDs mounted in a wall and from a special bracket. Instead of a full ceiling, a narrow board could be glued between two sides of the building as in **Figure 5** on the right. Usually the leads are bent 90 degrees to be parallel to the ceiling. They can be bent in the same direction as in Figure 5, or in opposite directions as in **Figure 6**. If a ceiling-like installation isn't practical, various brackets can be made from strip styrene or strip wood, as shown in **Figure 7**. **Figure 8** shows a small watchman's shanty where two pieces of 1/16 brass wire serve both as the wiring and mounting posts for the LED. The resistor is installed under the layout, although it's better to include the resistor within the building so it will always be there if the building is moved.



Figure 6

Figure 6: Two LEDs in series with legs bent in opposite directions.

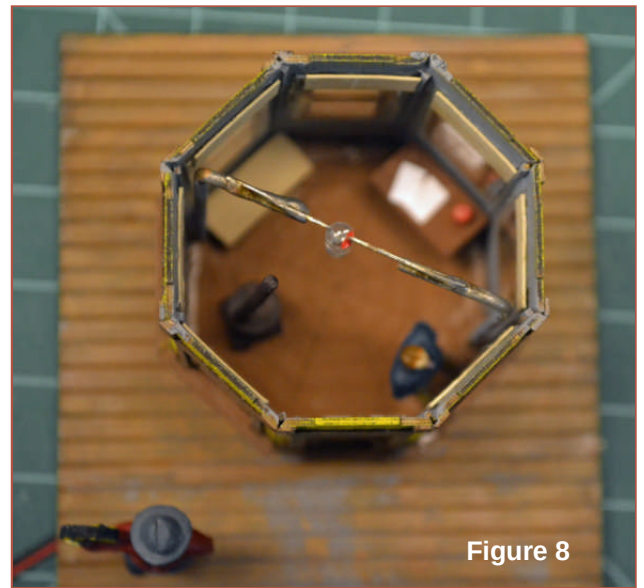


Figure 8

Figure 8: LED on two supports of 1/16" brass rod with the resistor below the layout

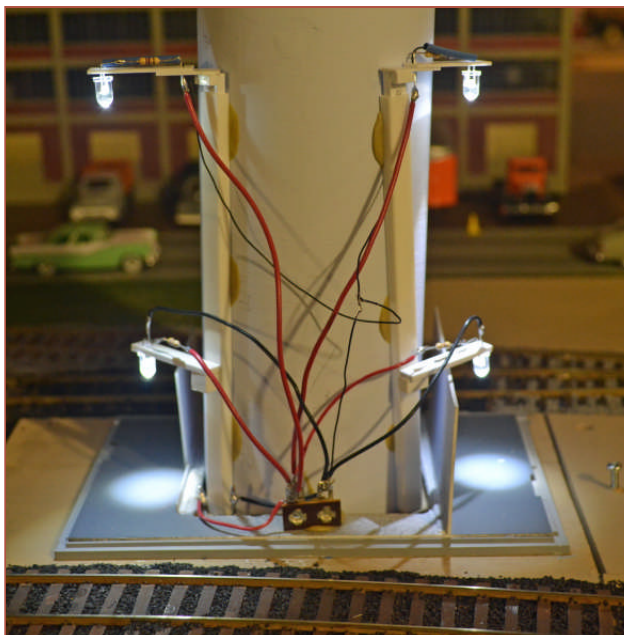


Figure 7: LEDs on styrene brackets attached to base post for tower building that hides the post.

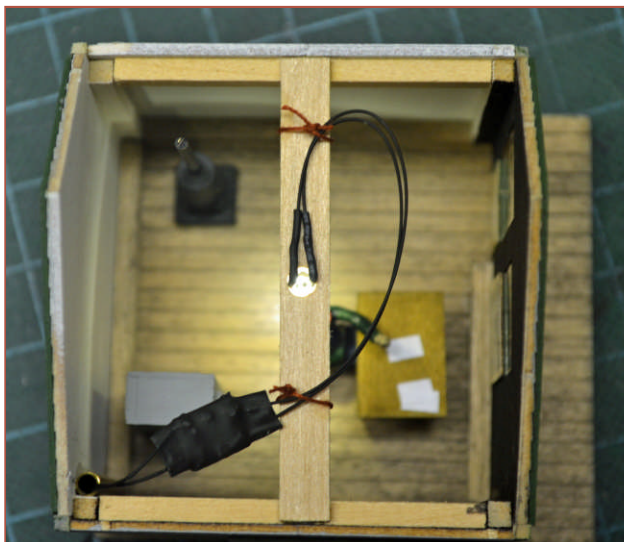


Figure 5: LED in a supporting board with the leads bent in the same direction.

Wiring LEDs is straightforward if you have experience soldering. If not, it's not that hard, so don't be intimidated. It's best to use a small iron, not a big soldering gun, and to attach some form of heat sink¹ between the solder point and the LED. I prefer to solder at the workbench before installing if possible, as seen in **Figure 9**. Here the LED is held with a clothespin, and I am using a hobby clamp as a heat sink. In the foreground is a commercial heat sink, or you could use an alligator clip. Note the red paint on the positive lead. If the bare leads are going to be close together, it is best to provide some form of insulation to prevent a possible short circuit. In Figure 9 this has already been done on the negative lead using heat shrink tubing. This is just slipped over the

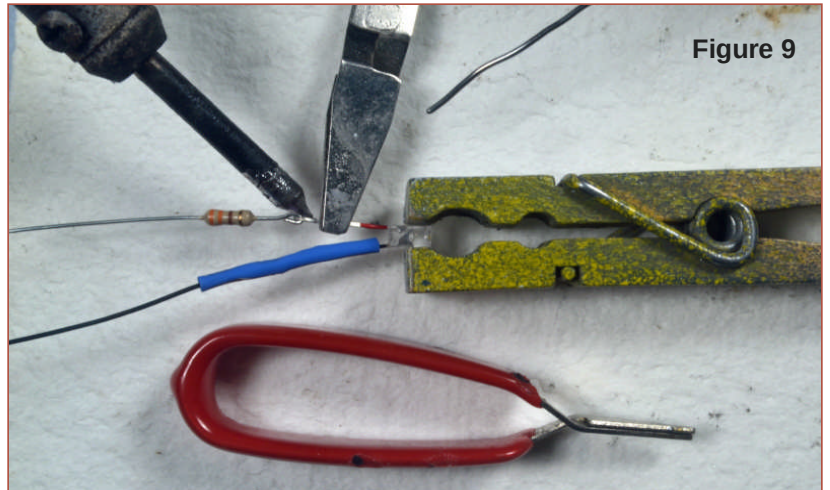


Figure 9

wire, then shrunk by holding the soldering iron close. This is sold in 1/16 inch and larger diameters by DuBro, and is available at most RC airplane hobby shops. **Figure 10** shows this along with liquid insulation, which is available at most hardware stores. This is a thick paint that covers the wire and dries to form an insulation.

1. Heat sink: A device or substance for absorbing excessive or unwanted heat.

Figure 10

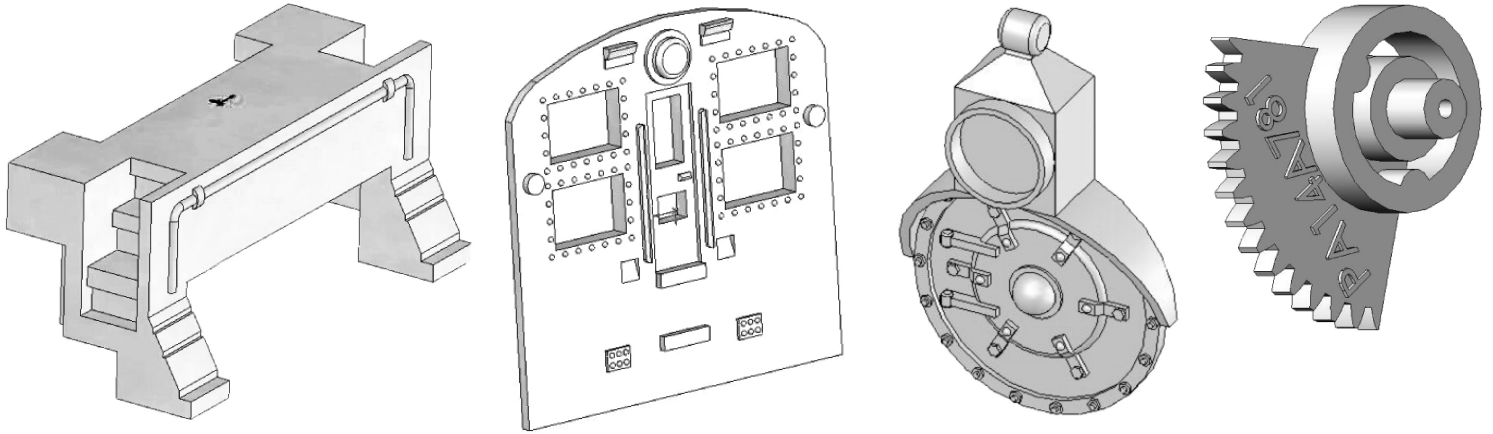


That's all there is to it. I currently have around 40 LEDs in buildings on my layout in addition to over 100 bulbs. My plan is to use LEDs exclusively wherever possible in the future. 

S PRODUCTS

Port Lines Hobbies ventures into 3D printing of some AF parts

Doug Peck says "We have ventured into 3D Printing of some parts that don't really justify the high cost of plastic injection molding. We now offer four unpainted parts in much better quality than our previous resin-cast versions. First is the Baldwin front platform and steps. You can either replace the entire section, or cut off and replace only the portion that you need. By drilling a screw-hole in it, you can use it for the rear platform as well. Second is the rear cab panel for the Baldwins. We also have the Franklin-Washington boiler fronts and the large gear for the Cow-On-Track."

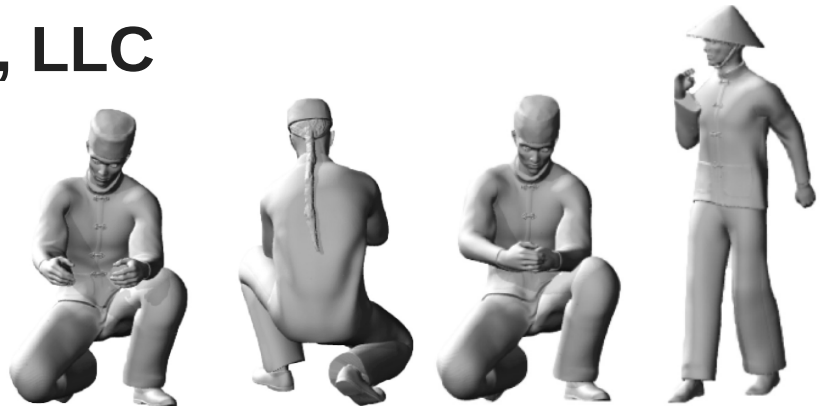


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Rusty Stumps calls it quits

All good (fun) things have an ending and so it is for us and Rusty Stumps Scale Models. I retired Over 12 years ago having started RSSM in 2001. It's been fun but as both Mary and I get older we find we'd like to relax a bit more and do some extended traveling with out the feeling we need to get home and take care of business.

So it's with a bit of sadness that we decided it was time for us to actually retire and enjoy what time we have left. As we all get older health issues start to Walt's Musing at Rusty Stumps take up more and more of our world. I've had my share and I'm aware it's not over yet. [grin] I have been a fighter on that front and I'm the longest living male in 3 generations of my family by over 10 years and still have more to go.

I'm hoping someone will want to purchase either the entire company or sections of it to keep our products still available. Be assured we will not sell our mailing list. It would only go to someone who purchased the entire company as it's part of it resources.

I have a LOT of cleaning up to do around here as there are piles of "some day I'll use that" stuff stacked around. It would be nice to be able to see what the inside of the garage actually looks like some day. [laugh] We've been reworking our deck and the screen porch is next. We live on a pond and love sitting out on the screen porch for breakfast, lunch, supper and the evening when the weather is good so that's also part of the plan.

We appreciate our customers and have gotten to know quite a few over the years. I'm not really going anywhere as I'll still be active in model railroading just won't be running a business is all. That will give me more time to relax and do some modeling. Mary would like to spend more time on her sewing and other projects she has. The time is right and we are ready.

Thank you for your past loyalty as it has made this a very pleasant experience for us.

Walt & Mary-
Rusty Stumps Scale Models

Visit us at www.rustystumps.com

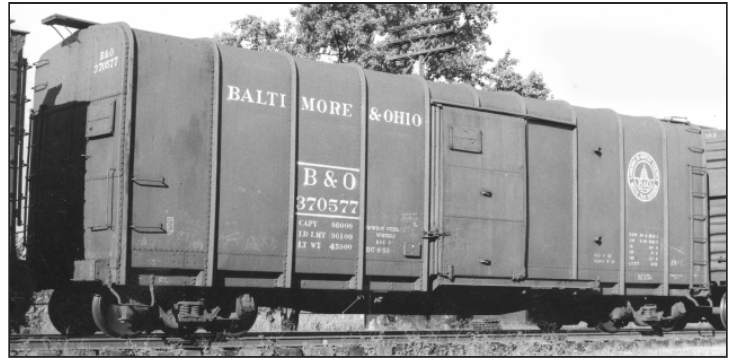
S PRODUCTS

Smoky Mountain Model Works New Boxcar Kit

Jim King has designed a kit for the unique B&O M15k wagontop boxcar using a modified M53 body a new underframe and a 3-panel door/door track. Below is an excerpt from Bob Chapman's article that appeared in the B&O Modeler #44:

Based on the success of the experimental car, in 1936-37 the Mt. Clare Shops similarly rebuilt 1240 M-15's, reclassified them as M-15K, and numbered them #370000-370989 and #371000-371249. The M-15K's heavy fishbelly centersill, notched lower sidesheets, and lack of a Duryea underframe distinguished them from the later M-53 wagontops built new in 1937-38. The famous Cumberland Bolt and Forge Shop formed the distinctive hoops, re-rolled from railroad scrap.

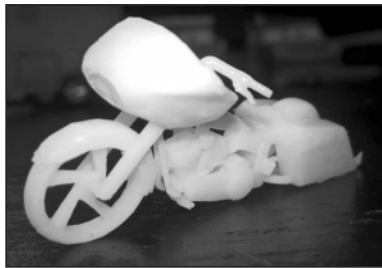
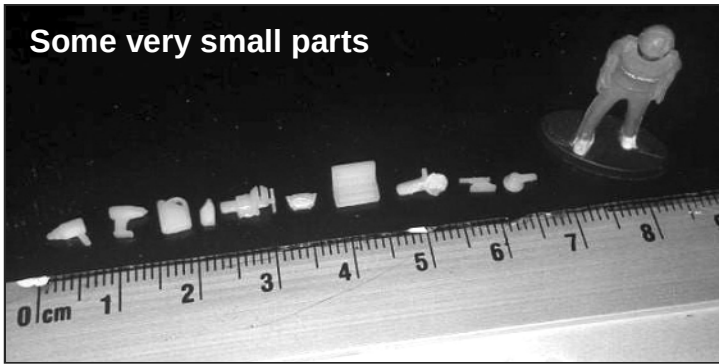
The M-15K's served durably until 1955-57, when all but 18 of them had their 40-year-old underframes replaced. 376 cars were Reclassified M-15NA and 400 as M-15P; 18 cars remained unrebuilt. The rebuilding eliminated the notched lower sidesheets, but the heavy endsills remained as a spotting feature. Survivors of the class lasted into the early 1960s.



This kit will be fast-tracked to production, likely available to begin shipping in mid-September. To order your kit(s), contact jimking3@charter.net. Price is \$90 per kit. Special offer is ASF 50t Ride Control trucks at \$29 a pair (\$32 is regular price) if ordered with the boxcar (you can order any quantity of trucks). www.smokymountainmodelworks.com

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For more pictures and information on upcoming releases, check out SZenery on Instagram or Facebook or the web site at: <https://szenery.bigcartel.com/about>

Wood is good . . . An update from LaBelle Models

UPDATE: After Gene Metzger, owner of **Ye Olde Huff 'n Puff** died in October 2017, stock and equipment for producing the wood model kits was acquired by **Rick Steele** of **LaBelle Models** of Cheyenne, Wyoming. I want to do an article in The Dispatch illustrating how wood model kits are produced so I contacted Rick to see how things are going.

His reply: (edited)

I am currently working on setting up my shop in the basement for production in the three large scales, HO, S and O.

Since I have the artwork for many of the HO kits already, the box cars will mirror the LaBelle Kits that I already have as well as those that I have completed for Silver Streak and Ye Olde Huff & Puff in HO. As I expand the line, I plan on adding lettering to each scale. For example, there are no cars that I know of that are 34' that are commercially produced for S Scale. Those will be added. LaBelle has no 36' Box cars where Huff & Puff did, so the 36' will be added to the LaBelle Line.

Rick Steele, Cheyenne, Wyoming

PRODUCT REVIEW

Hidden River Models Milwaukee Road Car Repair Shed

Review by the Pines and Praries Review Committee

New to the **Hidden River Models** line of fine S Scale kits is number HRM 513. This is a model of a car repair shed in the Milwaukee Road yard in Wausau, Wisconsin. Sheds such as this were located on RIP (repair in place) tracks around large and small yard facilities, on a track where the railroad would spot cars needing light repair before continuing in service.

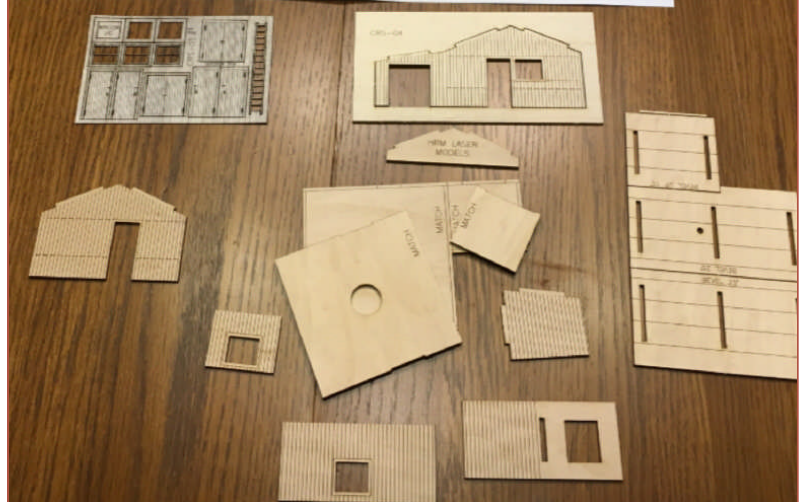
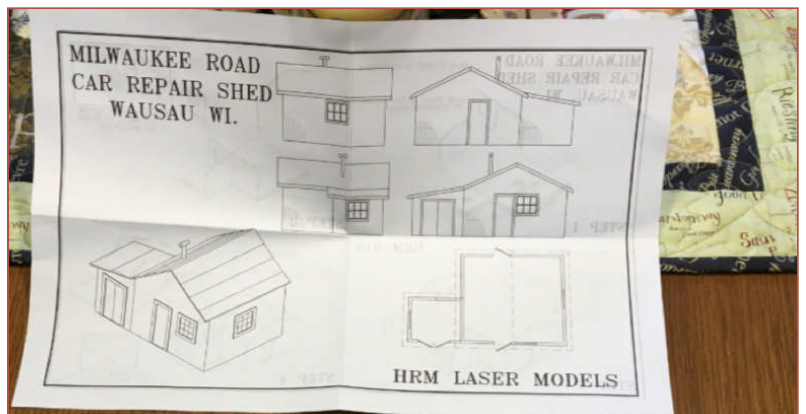
This kit was well designed and cleanly laser cut for easy assembly and the assembly drawings are very clear. The instruction sheet is used for several of their kits so there are steps included that will not apply to this kit. Better to have too many instructions than too few. The first step is to inspect all the parts against the assembly drawing. The laser cut basswood pieces are easily removed from their carrier. I found the only touch up was a light pass with a sanding stick to clean up the laser burned edge. I did not take the trim parts from their carrier at this time, they are small and I didn't want to lose anything.

After dry test fitting the pieces, you can see how well everything goes together. Follow the steps described on the assembly drawing and you will soon have the basic floor and walls complete. While the instructions suggest painting prior to assembly, I chose to paint at this time. One caution in the instructions and useful for any wood kit is to be careful with water based paints. The instructions suggest using an airbrush or rattle can which is a safe and easy way to paint the building. I wanted to paint my structure to match other buildings in my yard so I used an acrylic paint and brush to paint the building. I did this making four light coats of paint to not chance getting the wood wet as it might warp. Do not add the roof.

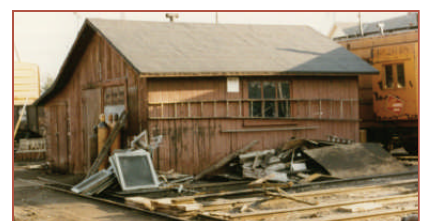
Next I painted the trim pieces which were cut into adhesive backed laser board. Then I lightly painted them and when dry removed them from the carrier and slightly touched up the trim paint. You will find the window assembly process is very easy and clever. When complete, the windows install from the inside of the building. The doors fit nicely into the opening, however I did add some scrap from the kit as interior bracing.

The roof pieces are accurately tabbed, requiring light sanding to mate at the peak. This is easily done with a piece of medium to fine grit sandpaper and a flat surface. The final step is to add the tar paper roof. The roof pieces have lines to place the tar paper, making it an easy job.

I added my kit to a small platform so that I can scenic the area around my shed. The area around the shed would likely be littered with junk and oil spills, perhaps some small tools or a welding station. The finished site is four inches by six inches, small enough to fit in most scenes, yet unique enough to add interest to your layout. This kit is an easy build for inexperienced modelers yet it lends itself well to kitbashing and extra detailing.



Photos by Ken Zeiska except the one on the right.



Milwaukee Road Car Repair Shed in Wausau, Wisconsin. D. Scott Peterson photo

List price \$32.99 plus shipping

Available from hrmlasermodels.com

S PRODUCTS



REEFER MADNESS

Pikesville Models has introduced three new S gauge refrigerated boxcars decorated with the logos of three historic breweries. Models lettered for American Bock Beer from Baltimore, H&J Pfaff Brewing Co. of Boston, and Jacob Schmidt Brewing Co. of St. Paul, Minnesota. Each car comes in two road numbers. These cars were custom-made for Pikesville Models by MTH and are priced at \$60 each plus shipping. Order at www.Pikesvillemodels.com.

New Lighted Signs from Miller Engineering

The White Stag sign, also known as the "Portland Oregon" sign, is a lighted neon-and-incandescent-bulb sign located atop the White Stag Building, at 70 NW Couch Street in downtown Portland, Oregon, facing the Burnside Bridge. The sign faces westbound traffic as it enters downtown Portland coming across the Willamette River. The sign was acquired by the City of Portland in September 2010, and the lettering was changed to read "Portland Oregon" in November 2010. This iconic sign makes a great addition for any layout. If you happen to have ties to Portland then it's must-have for your layout. It is a limited edition sign. If you would like to reserve one drop us an e mail.

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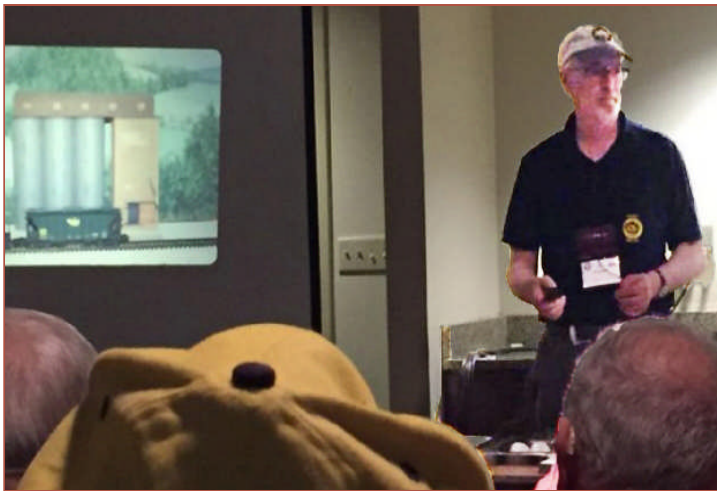
By Jeff Madden, Editor Emeritus

The 2019 NASG Annual Convention in Cincinnati, Ohio, is in the books. It was another well-organized meeting of S bodies and minds that was sponsored by the Central Ohio S Gaugers with John Myers leading the way.

The tours were well-varied and included a short tourist line excursion, a visit to Entertrainment Junction, a tour of the American Sign Museum, and a tour of the classic Art Deco Cincinnati Union terminal (former station, now museum) combined with a lunch cruise on the Ohio River.

I left Wisconsin on Tuesday to intercept the Big Boy in northern, Illinois so I missed the official Tuesday and Wednesday guided tours. My wife and I didn't arrive in Cincinnati until Wednesday morning where we proceeded to hit a couple of the tour destinations on our own before heading to the "Blue Ash" hotel. We went to the American Sign Museum (lots of neon) and to the fantastic Entertrainment Junction layout.

The next day, Thursday, my wife and I did do the tour that included the Cincinnati Union Terminal and the lunch cruise. The nicely preserved art-deco former passenger station was a terrific attraction that included a behind the scenes office tour, the "S" replica of Cincinnati layout and a visit "way up Tower A" that had a great view of the busy NS and CSX Queensgate yard. Many of our group didn't realize that the S layout was "truncated" by $\frac{2}{3}$ due to renovation and that Tower A used to have many displays put in by a railroad club. This was again due to renovations and rent problems, so their library and artifacts are now housed at the Entertrainment Junction location. Still, the shortened S layout and the future rebuild is a great promotion for our scale. Following that tour was a nice lunch cruise on the Ohio River with a good BBQ buffet.



Jeff Madden's clinic photographed by Ray Garbee.

Clinics: There were plenty of good clinics nicely spread out time-wise. I attended three of them and I gave one on kit-bashing plastic structures. The others that I attended were Dick Karnes's, also on adapting available kits of other scales to S, and Darby Marriott's dead-rail clinic. The main conclusions by Darby on dead-rail were to choose one system and stick with it and for the systems to become more popular they need more support from major train manufacturers and the NMRA.

Vendor Hall: Friday and Saturday were vendor days in the main hall. The hall was a bit smaller than usual, but plenty of dealers were packed in including yours truly. Space was limited for layout displays which were in another room at the Quality Inn. Three smaller layouts represented S well. Jay Reese of the Miami Valley S Gaugers had a large and complete All-Aboard layout, the Pittsburgh S Gaugers had their linear switching modules set up, and the Hoosier S Gaugers had a very nice and well-scenicked hi-scale layout operating — about 7' x 15'. In a separate meeting room Bob Bernard had an extensive collection of A.C. Gilbert memorabilia displayed.

NASG Business Meeting: The NASG Business Meeting was a big success being held for the first time on Friday afternoon with the vendor hall completely closed. Many, many, more members than usual attended because of the fact that the vendor hall was closed and there were no conflicting events — and — and — the free ice cream sundaes were a "sweet" incentive. IMHO this strategy should be a regular situation at all future NASG conventions. An interesting goal for the NASG presented at the meeting was to convince 1/64 Farm Modelers to consider S trains and the NASG.

The Thursday evening reception was well-attended and included the regional delicacy known as "Skyline Chili," that's chili on top of spaghetti noodles.



Steve and Linda Wolcott of Presize models.

Banquet: The banquet on Saturday evening seemed to be well-attended with over a hundred being there. The buffet style food and desserts were very good. The contest and NASG awards were announced at the banquet. See the separate listings for the contest, but the Best of Show, now known as the "Frank Titman Award," went to Gaylord Gill for his Erie tower. The NASG Trustee Award went to the current editor of the Dispatch, Bill Pyper. The Sandersfeld Award for S manufac-

2019 NASG ANNUAL CONVENTION

turer of the year, was actually presented at the business meeting to Steve Wolcott of Pre-Size Model Specialties. The Perles publication award went to Brooks Stover for his article in Model Railroad Planning. The Bernie Thomas Award was bestowed posthumously on former NASG president Paul Stevens. The usual "Jamie" auction followed the banquet.

Overall the convention was very well organized by John Myers and his COSG cohorts. Attendance was around 300 including many spouses. The Quality Inn Blue Ash was a good fit for the NASG as it was cost effective, spacious, and the free breakfast buffet was a huge convenience. For other meals, a Subway and Bob Evans were within easy walking distance.

Sunday Layout Tours: I'm not sure how many people participated in layout tours on the Sudnay get-away day, but I did three of several options. I visited Flyer-hi-rail layouts of Chris Burger and Bob Guckian. Poor Bob's layout wouldn't operate while I was there, but there was plenty to see and photograph. The surprise layout I visited was the 3-rail O gauge layout of Bob Bartizek in nearby Lebanon. Holy smokes, this layout was huge, completely scenicked and even included a 4-track Horseshoe Curve. Big Pennsy steam and diesels of the transition era were running, but the surprise was a slightly modified American Flyer O-6-O and short S gauge train operating in a background scene as sort of a forced perspective.



A new product that I discovered thanks to the Pittsburgh S Gaugers comes from **Patrick's Trains**, a Wheeling, West Virginia, hobby shop. They ordered 48 special MTH boxcars in S that were an overrun of a TTOS order that are lettered for the iconic Marsh Wheeling Cigar Company. Jim Whipple had one on the Pittsburgh layout, so I inquired and ordered two as I used to work in Wheeling and smoked a few in my younger days. The factory and classic rooftop sign were easily visible on eastbound I-70 just as you crossed the Ohio River. The factory is closed now, but the sign has been kept up. I received my cars after returning home from the convention. The blue and yellow paint and lettering is excellent, but oddly there are no numbers or reporting marks on the cars. To my knowledge this special run car is the first ready-to-run car produced with a tobacco theme? Check online at www.patstrains.com They only come in hi-rail for \$59.95 each, plus shipping.

The Pines and Prairies S club is hoping to see all of you in Minneapolis, Minnesota next summer from July 7-11 when Ken Zieska promised there would be no snow. The host hotel will be the Doubletree located near the Mall of America and easy light rail transport to many attractions. There will be plenty of S layouts to see. 

Model Contest Winners

Submitted by Dick Karnes, Contest Chair

There were 33 models entered in the 2019 NASG model contest – more than any contest in the past ten years!

Frank Titman Award (Best in Show)

Gaylord Gill's Erie interlocking tower

American Flyer Imagineering

1st Place: Michael Byle, Empire State Express train

2nd Place: Larry Janeski, KCS freight train

Master Craftsman

Best in Class, Master Craftsman

Gaylord Gill's Erie interlocking tower

1st Place, Passenger Car: Bill Oertly, B&O dining car

1st Place, Freight & MOW: Jeff English, WFE reefer

2nd Place, Freight & MOW: Alvin Clapp, vinegar car

1st Place, Structures: Gaylord Gill, Erie interlocking tower

2nd Place, Structures: Charles Buffington, 5 & 10 cent store

Craftsman

Best-in-Class, Craftsman

John Robertson's scratchbuilt Class D electric locomotive

1st Place, Diesel & Electric, scratchbuilt:

John Robertson, Class D electric locomotive

1st Place, Diesel & Electric, kit:

Scott Lister, RS-1 diesel road switcher

2nd Place, Passenger Car, Scratch:

Douglas Miller, CPR dome car

(1st in this category not awarded)

1st Place, Freight & MOW, scratchbuilt:

John Robertson, fire water car

1st Place, Structures: John Ciarleglio, freight house

2nd Place, Structures: John Robertson, supply shed

3rd Place, Structures: Norman Bos, Krause Grain & Feed

Amateur

Best-in-Class, Amateur

Chris Elliot's Lynch Machinery factory

1st Place, Steam Locos, kit & converted:

Robert Davis, PRR K5 Pacific

1st Place, Passenger Cars, kit & converted:

Robert Davis, PRR 10-1-2 Pullman (tie)

1st Place, Passenger Cars, kit & converted:

Robert Davis, PRR 12-1 Pullman (tie)

1st Place, Freight & MofW, kit & converted:

Robert Davis, PRR hopper car

2nd Place, Freight & MOW, kit & converted:

Robert Davis, UTLX tank car

3rd Place, Freight & MOW, kit & converted:

Monte Martin, T of C car

1st Place, Structures: Chris Elliot, Lynch Machinery factory

2nd Place, Structures: Lou Templeton, B&O interlocking tower

3rd Place, Structures: Claude Demers, yard light tower

There were No Junior or Photo entries.

See the following pages for pictures

MODEL CONTEST WINNERS

Frank Titman Award

Best in Show

Gaylord Gill Erie interlocking tower



Also won Master Craftsman Best-in-Class

Photo by Dick Karnes

MODEL CONTEST WINNERS

Master Craftsman Class

1st Place Freight and MOW



Photo by Dick Karnes

Jeff English, WFE Reefer
1st Place Structures



Photo by Michael McConnell

Gaylord Gill, Erie Interlocking Tower

2nd Place Freight and MOW

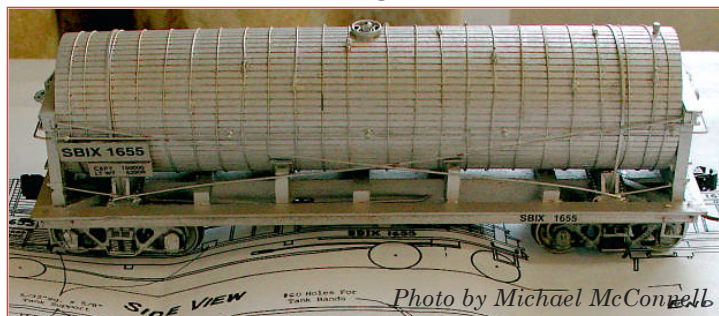


Photo by Michael McConnell

Alvin Clapp, Vinegar Car
2nd Place Structures



Photo by Dick Karnes

Charles Buffington, 5&10¢ Store

1st Place Passenger Car



Photo by Dick Karnes

Bill Oertly, B&O Dining Car

MODEL CONTEST WINNERS

Craftsman Best-in-Class



Photo by Michael McConnell

John Robertson
scratchbuilt Class D electric locomotive
1st Place, Diesel & Electric kit



Scott Lister, RS-1 diesel road switcher
2nd Place, Passenger Car
No 1st Place was awarded in this category



Photo by Michael McConnell

Douglas Miller, Canadian Pacific Dome Car
1st Place, Freight & MOW, scratchbuilt



Photo by Dick Karnes

John Robertson, Fire Water car

Amateur Best-in-Class



Chris Elliot — Lynch Machinery factory

1st Place, Steam Locos, kit & converted



Robert Davis, PRR K5 Pacific locomotive

1st Place, Passenger Cars, kit & converted



Photos by Michael McConnell

Robert Davis, PRR 10-1-2 Pullman tied with
Robert Davis PRR 12-1 Pullman

1st Place, Freight & MOW, kit & converted

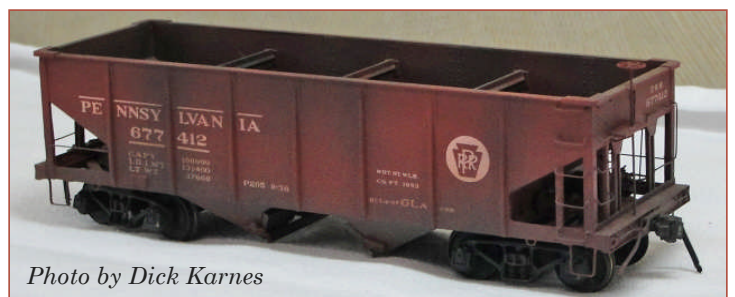


Photo by Dick Karnes

Robert Davis, PRR Hopper car

MODEL CONTEST WINNERS

American Flyer Imagineering

1st Place — Michael Byle, Empire State Express Train



Photo by Dick Karnes

2nd Place — Larry Janeski, Kansas City Southern Freight Train



Photo by Michael McConnell

Craftsman Class



Above left: **1st Place Structures**

John Ciarleglio, Freight House

Photo by Dick Karnes

Above right: **2nd Place Structures**

John Robertson, Supply Shed

Photo by Dick Karnes

Left: **3rd Place Structures**

Norman Bos, Krause Grain & Feed

Photo by Michael McConnell



More on the next page

MODEL CONTEST WINNERS

Amateur Class



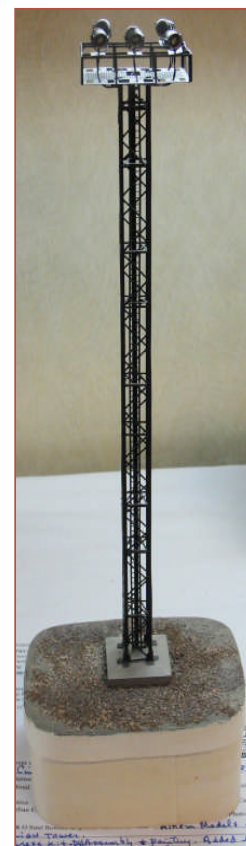
Above: **2nd Place Kit converted Freight and MOW** Robert Davis, UTLX Tank Car.

Below: **3rd Place Kit converted Freight and MOW** Monte Martin, Trailers-on-Flatcar (TOFC)



Above:
2nd Place Structures
Lou Templeton,
B&O Interlocking Tower.

Right:
3rd Place Structures
Claude Demers
Yard Light Tower



GREELEY'S CONTEST WINNERS

This years Greeley's Place contest involved detailing an S scale passenger car with some parts from Pre-Size Model Specialties. Entrants could use any manufacturer's parts that they chose to detail the model, but had to have at least one part from Pre-Size. A list of the Pre-Size parts used was required. The model did not need to be completed, as others could learn from the assembly process. Any model meeting these criteria garnered a \$5.00 entry reimbursement. More than one car could be entered, but only one was eligible for reimbursement. As usual, our panel of esteemed judges has selected the winner, and awarded the valuable cash prizes. 🚂

Photos by Michael McConnell



Andy Malette's winning entry is a CPNR ROP with a Pre-Size roof.



Jamie Bothwell's 2nd Place entry is an SHS 12-1 Pullman with underbody details by Pre-Size Models.



Jamie Bothwell's PRR Parlor Car with laser cut sides and underbody details by Pre-Size Models.

A.C. GILBERT MEMORABELIA DISPLAY

There was a special display of A.C. Gilbert memorabilia at this years Convention. The collection, known to some as the "Gilbert Closet Museum," is the property of Bob Bernard, of Dayton, Ohio. Bob is the son of the late Dr. Edward H. Bernard, a cousin and close friend of Maury Romer, who was Sales Manager for Gilbert. Maury would stay with the Bernards when he was in town, and often brought items for Bob. They also have, but did not bring to the Convention, many of the original paintings that were used to make the early American Flyer catalog covers. Bob also has a lot of one-of-a-kind items he obtained through the friendship of his Dad and Maury.

John Myers took the picture to the right showing Bob Bernard on the right and his son Mark on the left. 



Above: Assorted Gilbert memorabilia.

Photos by Michael McConnell of South Jersey S Gaugers.

Below: Development models for proposed Flyer product.



Above: Post cereals promotion with American Flyer trains and other toys.

Below: Ad for Smoking Caboose that was promoted but never produced.



VENDOR HALL



2019 NASG Convention Vendor Hall Report

By Jay Mellon, Central Vice President

As has become my habit, I will report on product availability in the vendor room at the recent NASG convention. I have no business associations with any of the vendors present. I apologize to anyone I may have missed.

East-West Rail Service – Al Castellani had SP stock car and lumber shed kits. The new kit is a truck scale house. www.eastwestrailservice.com

Hoguat Hobbies – Jeff Wilson found some more inventory that he was selling off.

Great Decals – Bill Mosteller's new decals will do the RFP boxcar, N&W 2-bay hopper and L&N coach/combine. He also had decals for Erie diesel hood units/switchers.

Greenbriar Models – They had brass engines for sale.

Jim Kindraka – While Jim was not selling anything other than personal inventory, he had a very nice looking coil steel gondola with covers on display. This project may develop into a commercially available kit in the future.

Jeff Madden – He had his usual selection of S-scale vehicles available, as well as estate sale items.

NASG Company Store – Shirts, caps, coupler gauges, pins, patches and clearance gauges (both transition era and modern) were available.

Pikesville Models – Dave Blum had his usual voluminous display of Gilbert AF, American Models, S-Helper Service and MTH product available. He also had some new special run reefers by MTH (Schmidt's beer, American Beer, Pfaff beer).

Port Lines Hobbies – Doug Peck had his usual selection of AF replacement parts, structure kits, etc. (see his web site.) He is also still taking reservations for the AM 'Pacific' models.

Pre-Size Model Specialties – Steve Wolcott had a large selection of his tunnel portals, passenger car detail parts (roofs, roof vents) and car kits (TTX 60' flatcar; SP gondola [sugar beet]; Greenville gondola). Their products are made of cast resin material.

The Railroad Crossing – Richard Krieg had a large selection of his custom-built structures for sale.

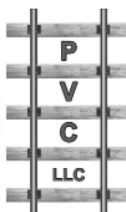
River Raisin Models – Dan Navarre's new project will produce Pullman passenger trucks (41-HR-11; 41-N-11). These trucks were used on equipment found on many different roads. Contact Dan if interested so he can develop project quantities. The pilot models for the B&O and SP Pacific models are being built. Dan hopes to have the production models in customer's hands by late winter of 2020.

Royal Models – John Royal had a large selection of S rolling stock and S scale detail parts (figures, etc.).

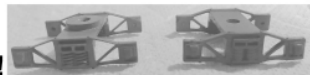
S Scale Resource – Glenn Guerra was there promoting the online magazine (download pdf files). There was also some serious interest in frogs and point rails for a #8 turnout he was demonstrating. He indicated interest in producing these parts for multiple sized turnouts. This project may develop into commercially available products.

Tomalco Track – Larry Morton's S scale track line features code 70, 83, and 100 flex track; #4 to #8 turnouts (left, right); curved turnouts; different angled crossings.

This convention's dealer hall had lots and lots of Gilbert American Flyer equipment available (e.g. Golden Spike Models). Unfortunately, there didn't appear to be many AF customers there. Also, multiple vendors were selling off items from their personal collections. The S only 'hobby shop' is now closed until next year. See you there. 



On30 4'5" Archbar!
 TK06 For Bachmann Boxcar/Reefer
 TK07 For Bachmann 2 bay Hopper
 Without wheels \$5.00 With wheels \$10.00



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 253-875-1684 • PVC-Sn3.com



TL17 '25'6" On30 Critter!
 Straight DC \$130.00
 DCC with Sound \$230.00
 Requake to Sn3 \$30.00 Extra

CLASSIFIED ADS

ANY ACTIVE MEMBER of NASG can place a non-commercial classified ad in the Dispatch for no charge. Ads must be limited to 10 lines+-. E-mail your ad copy to dispatch@nasg.org or mail to Bill Pyper, Editor, PO Box 885, Salem, OR 97308-0885. Please be sure to include your **member number**. Ads will run for three consecutive issues unless told to stop.

WANTED: American Models SD60 Locomotives Conrail, CSX, BN (Green), Norfolk Southern. I prefer AC Highrail. Putt Trains Industrial Switcher. Burro Crane. Call or text Jim Wright at 218-780-4691 or email aflyer69@gmail.com

FOR SALE: American Models 3-unit locomotive, undecorated boxed set; FP7A – F7B – FP7A; DC power, scale wheel sets; both A units are powered, B unit is non-powered. \$250.00 which includes shipping and insurance to continental United States addresses. E-mail tpatterson31@wi.rr.com.

WANTED: PARTS LIST/ASSEMBLY INSTRUCTIONS for Pacific Rail Shops ACF center-flow, 3-bay covered hopper. Original or photo-copy. E-mail tpatterson31@wi.rr.com

FOR SALE: S-Helper switches, track, uncouplers, bumpers. 2 Fundimensions sets. Erie 3-unit w/4 passenger cars. Southern Pacific 3-unit w/4 passenger cars. Milwaukee steam w/5 passenger cars. Gilbert: 6 diesel, 5 steam, 34 freight, 4 passenger. American Models: 8 diesel, 3 steam, 11 freight. S-Helper: 4 diesel, 33 freight. Lionel Flyer: 3 diesel, 1 steam, 41 freight. All plus packing, shipping insurance. Many new or nearly new. Ray Preiter **386-225-3921**.

FOR SALE: River Raisin by Boo Rim Southern Pacific S scale 2-8-0 MK5 Harriman Mikado DC with 120-5C-6 tender. Paid \$2000, asking \$975. Call Al Boisse at 386-473-6565 or e-mail judith.boisse@mygait.com

FOR SALE: Mint in the box NASG cars. 48436 NYMX reefer, 48475 Boraxo hopper, 48480 Susquehanna box car and 48481 REA reefer. All for \$200. Price includes shipping. Joe Wozniak, cell 239-564-0343 or email: poppoint2@aol.com

FOR SALE: All new in original boxes: S Helper #00256 Track Set (2) \$70 ea., #00992 Panel Side hopper NYC Black set A \$95, #00080 NYNHH PS-2 2-bay hopper \$50, #02123 Carling Black Label #3 CBL797 \$100, #02124 Carling Black Label #4 CBL 812 \$100, AM #BD8200C B&O Budd Chrome coach "New Dome" \$90, #BD8200C B&O Budd Chrome coach "New Dawn" \$90, #3219 NH 2-Bay Rib Sided Hopper (2) \$40 ea. All prices plus shipping. Call Rudy Williams at 203-815-8765 EST or e-mail rwtrains@comcast.net

FOR SALE: Omnicon Brass locomotive 2-8-0 MoPac. Professionally lettered, painted and tuned by River Raisin. Original box, never run. Pictures davidverwys@hotmail.com

WANTED: I would like to purchase an American Models 80-foot Heavyweight Great Northern 10-1-2 Buccaneer Sleeping Car. If you have one that you are willing to sell, please contact Keith Erhart at 815-979-0094 or kerhart@frontier.com

FOR SALE: All run once, with all original packaging: Loading Platform 49824 \$100; MOW depressed ctr. flat with floodlight 49022 \$60; NYC flat with cable reel \$40; SF crane 48723 \$60; SF boom car 48723 \$35. For more info/photos/other items call Bob Garman at 202-836-4190. E-mail p3garm@hotmail.com

FOR SALE: 3-rail O-gauge. Lionel, MTH, Williams, Weaver locomotives and rolling stock. Miles of used Lionel track and switches, Atlas track and switches, some never used. Unique Marx track and switches. Transformers, structures and accessories. E-mail rrbill10@comcast.net for a pdf or hard copy.

FREE: Large collection of Model Railroader, O-Gauge Railroading, Classic Toy Trains, and Narrow Gauge and Shortline Gazette magazines. You just pay shipping or pick up in Salem, Oregon. For details e-mail rrbill10@comcast.net

NASG INFORMATION BOOTH SCHEDULE OF 2020 SHOWS

for the **World's Greatest Hobby Shows on Tour** are:

January 4 and 5, Columbus, Ohio

February 8 and 9, Chantilly, Virginia
Washington, DC area

February 15 and 16, Hampton, Virginia

February 29 and March 1, St. Paul, Minnesota

The NASG is looking for portable layouts in each of the host communities to be operating at the show. There is an honorarium for any S layouts at the show, based upon the size of the layout. There is a need for NASG members who are not participating with any layout group displaying at the show, to assist with staffing the NASG booth.

The **National Association of S Gaugers** will contract with the show for a 10-foot by 20-foot booth to display a variety of S model railroading products and provide the attendees the opportunity to learn about S. Most of these shows will have an audience in the range of 20,000 to 30,000 attended. More than half of the visitors at these have attended a train show before. There are usually anywhere from 10 to 20 S manufacturers, including Lionel and MTH, and dealers exhibiting at each show.

If you or your club have a layout that could be displayed at the show, or you are interested in helping staff the NASG booth, please contact **Will Holt**, National Shows Coordinator, Promotions Committee at willowassoc@comcast.net or 630-881-9025 as soon as possible.



S

SCALE

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products for your
model railroad: tunnel portals,
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SCENE AT THE CONVENTION



Left: Conventioneers were greeted by this circular layout in the lobby of the hotel.

Photo by Mike McConnell

Below: Miami Valley S Gaugers brought their modular layout

Photo by Ray Garbee



Left: Spectacular mural on the wall at the Cincinnati Union Station.

Photo by Jay Mellon

More pictures from the Convention are available online at www.nasg.org

TRASH INTO LOADS CLINIC

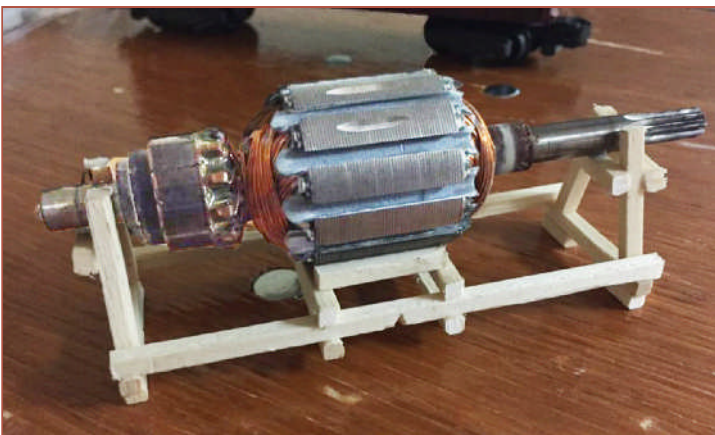
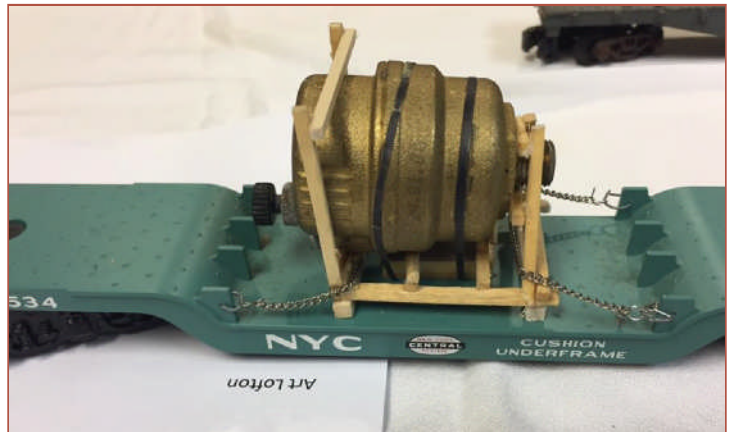
By Ray Garbee, Miami Valley S Gaugers

One of the great things about attending train club meetings and convention seminars is the opportunity to share Information and techniques so that we can learn from each other.

Here's an example: I attended **Monty Kaufman's** entertaining and informative clinic on building gondola loads from scraps from around the house. I had been doing this already and do a nice job with discarded printer ink tanks. However an opportunity came when at the end of the seminar another attendee, Bob Morrison was displaying a load he made for a gondola — material wrapped in heavy blue tarps. The tarps he shared are required when shipping items that might be contaminated with stuff that you don't to blow off the train. The specific example was radioactive contamination. He had modeled the blue tarp using a cheap and easy material — blue painters tape.

This is where the synergy kicks in as I have one of the new Thrall gondolas in the OHFX reporting marks. This car has a placard indicating that it is only for transporting radioactive waste (once you been used for bait you arent good for much else, right?) I had been debating a load for the car, but now the way forward was clear. It didn't matter what I used as long as I wrapped it thoroughly in blue painters tape.

So thank you Monty Kaufman and Bob Morrison! You contributed to me having a great time at the NASG Convention and now I have a distinctive car for the layout.



CALENDAR of EVENTS

This page is for the listing of model railroad events, with emphasis given to S-gauge or S-scale. If you know of an upcoming event related to S-scale model railroading, or model railroading in general, please e-mail the information to dispatch@nasg.org as soon as possible so that we are able to print it in a timely manner.

September 7, 2019 — Jacksonville Beach, Florida
The **North Florida Division of the Atlantic Coast S-Gaugers** will be displaying and running their modular layout at the **BEACHES TRAIN DAY** at the Beaches Museum located at 381 Beach Boulevard.

September 8, 2019 — Wheaton, Illinois
CHICAGOLAND ASSOCIATION OF S GAUGERS will have their layout set up at the **Great Midwest Train Show** at the Dupage County Fairgrounds, 2015 Manchester Road.

September 14, 2019 — Brooksville, Florida
TOY TRAIN & TOY SHOW at Hernando Fairgrounds, 6436 Broad Street. Vendors selling model trains, collectibles, die cast cars, and more. A running train layout for children to enjoy. Refreshments available, Wheelchair accessible, Free parking. Admission \$5. Visit www.regalrailways.com

September 14 and 15, 2019 — Napanee, Ontario
The **S SCALE WORKSHOP** will be displaying some of their modules at a new train show to be held at the Fairgrounds at 170 York Street. Hours 10 am to 4 pm.

September 19 through 22, 2019 — Liverpool, New York
EMPIRE JUNCTION 2019 Northeastern Region NMRA Convention presented by the Central NY Division NER NMRA at the Holiday Inn, 441 Electronics Pkwy. Featuring a tour of the Finger Lakes Railway, clinics, home layouts, operating layouts, model and photo contests, banquet, awards breakfast, and more. Visit www.empirejunction.org for details.

September 21, 2019 — Orlando, Florida
The **North Florida Division of the Atlantic Coast S-Gaugers** will display their modular layout at the Lake Nona Middle School, 13700 Narcoossee Road for the **TCA Southern Division Toy Train Meet**. 10 am to 3 pm. Admission \$5.

September 21, 2019 — Largo, Florida
SUNCOAST MODEL RAILROAD CLUB TRAIN SHOW at Minnreg Hall. 6340 126th Avenue N. 9 am to 3 pm. Admission; \$7, Children \$2 and under 11 free. Free parking. Food and snacks. OPEN HOUSE Clubhouse 12355 62nd Street N., Unit A. Visit www.suncoastmrrc.com

September 21, 2019 — Papillion (Omaha), Nebraska
SWAP MEET presented by the Omaha-Western Heritage Division of NMRA 9 am to 4 pm at Shadow Lake Towne Center, 7775 Olson Dr. Enjoy our swap meet. No vendors. Wheelchair accessible, Free parking and admission, NMRA event. For more information visit www.whd.mcor-nmra.org

September 21, 2019 — Rutland, Vermont
VERMONT TRAIN SHOW & SWAP MEET at the Holiday Inn, 476 Holiday Drive. Featuring vendors selling a wide array of model and prototype railroad items. Layout displays. Refreshments available, Wheelchair accessible, Free parking. Admission: Adults \$6, Children under 13 Free with paid adult..

September 21 and 22, 2019 — Indianapolis, Indiana
O & S SCALE MIDWEST SHOW Enjoy the O and S Scale Midwest Show at the Wyndham Indianapolis West, 2544 Executive Drive. This is a 2-rail O-Scale and S-Scale show; but 3-rail and hi-rail modelers and collectors are invited to attend. Web sites: www.oscalemidwest.com/ or www.sscalemidwest.com Email: info@oscalemidwest.com

September 21 and 22, 2019 — Decatur, Illinois
DECATUR TRAIN FAIR 2019 at the Decatur Civic Center, Gary K. Anderson Plaza, Corner of Eldorado Street and Franklin St. Saturday 10 am to 4 pm. Sunday 11 am to 4 pm. Adults \$5.00, under 12 free with adult.

September 21 and 22, 2019 — Port Angeles, Washington
20th TRAIN SHOW & SWAP MEET presented by the North Olympic Peninsula Railroaders at the Clallam County Fairgrounds. 10 am to 5 pm. FREE admission and FREE parking. Tables \$20. Contact stevenstripp@juno.com

September 22, 2019 — Taunton, Massachusetts
19th ANNUAL MODEL RAILROAD SHOW AND SALE presented by the Old Colony Model Railroad Club at the Taunton Holiday Inn, Myles Standish Industrial Park, Exit 9 from Route 495. 10 am to 3 pm. Adults \$5. children under 12 and scouts in uniform free.

September 22, 2019 — Greenwich, Connecticut
SOUTHERN CONNECTICUT MODEL TRAIN SHOW at the Greenwich Civic Center. 90 Harding Road. 9 to 3 pm. Adults \$7. under 12 free. Operating layout Clinics, 150 tables; trains. books. artwork. DVD's. Door prizes. free parking. refreshments. www.southerncttrainshow.com.

September 22, 2019 — Lindenhurst, New York
NORTHERN SPUR TRAIN & TOYS SWAP MEET at the Fireman's Pavilion, Fireman's Memorial Park, 555 Heiling Boulevard, north off of Hartford Street. FREE PARKING. Admission \$5 adults, Kids under 16 free with adult. Model railroad equipment for sale to the general public. 8:30 am to 1 pm.

September 25 through 29, 2019 — Mesa, Arizona
ARIZONA JUNCTION Convention, hosted by The Arizona Division of NMRA at the Sheraton Mesa Hotel. 50+ clinics on a wide range of topics. 35+ layout tours planned in Tucson, Phoenix and Prescott Valley. Ride the Verde Canyon Railroad. Vendor and layout room open Thursday through Saturday. Info at: <https://www.azdiv-nmra.org/psr-2019convention/>

September 28, 2019 — Sacramento, California
TTOS RIVER CITY TOY TRAIN MEET at the Scottish Rite Center, 6151 H Street. 10 am to 3 pm. Adults \$5. Families \$9, children under 12 free with adult. Free parking.

September 28, 2019 — Clinton Township, Michigan
MOUNT CLEMENS MICHIGAN TRAIN SHOW at the St. Louis Church Community Center. 39140 Ormsby St. 10 am to 3 pm. \$3 per person. \$5 family. under 12 free.

September 28, 2019 — Battle Ground, Washington

THE 46th GREAT TRAIN SWAP MEET hosted by the Southwest Washington Model Railroaders. 9:30 am to 2:30 pm at Battle Ground High School Gym, 300 W. Main St. Over 120 tables of model trains, and more. Operating layouts. \$10 for adults, \$3 Students, Children under 6 FREE with adult.

September 28, 2019 — Roxana, Delaware

INDIAN SUMMER TRAIN and TOY SHOW at the Roxana Fire House, Route 20 between Millsboro and Fenwick Island. 9 am to 3 pm. Admission \$5 adults. children 10 and under free. Operating layouts. refreshments, door prize. For information visit www.delawareseasiderailroadclub.com

September 28 and 29, 2019 — Monroe, Wisconsin

41st MODEL TRAIN SHOW & SWAP MEET hosted by the Green County Model Railroaders at the Stateline Ice and Community Expo, 1632 4th Avenue West. 10 am to 4 pm. For information go to www.gcmrrinc.org

September 29, 2019 — Wayne, New Jersey

NATIONAL COLLECTOR'S CLUB SHOW at P.A.L. Hall, 1 Pal Dr. 9 am to 2 pm. Admission: \$6; under 10 free with adult. Go to www.eastcoasttrainparts.com and click on The Wayne Show.

October 4 through 6, 2019 — San Luis Obispo, California

CENTRAL COAST RAILROAD FESTIVAL at the San Luis Obispo Railroad Muesum, just south of the Amtrak depot. See the Museum layout depicting railroading on the Central Coast on the 20th century and take the self-guided tour of area model layouts. Information at www.ccrf.com

October 5, 2019 — Stratford, New Jersey

THE SOUTH JERSEY S GAUGERS will display their 26' x 12' sectional S-gauge layout at the **MULTI-SCALE TRAIN SHOW AND SALE** held at the Samuel S. Yellin School, 11 Warwick Road, from 10 am to 3 pm. Train vendors selling all gauges and items from Z-N-HO-S-O-G-LGB. Operating layouts, test track, food, door prizes, free parking. Venue is on one floor, wheelchair accessible. Map can be seen at <https://goo.gl/maps/Kug6ono6mrHVjzFu6>

October 5, 2019 — Gardner, Massachusetts

O SCALE TRAIN SHOW by the Southern New England Model Railroad Club at United Methodist Church, 161 Chestnut St. Dealer's room and an operating 2-rail O scale club layout. Admission: \$6 each, \$8 family. Visit www.snemrr

October 5, 2019 — Deland, Florida

69th FLORIDA RAILFAIR MODEL TRAIN SHOW and Railroad Artifact Show and Sale at the Volusia County Fairgrounds (Tommy Lawrence Arena). 3150 E. New York Ave. (SR 44 and I-4). 9 am to 4 pm. Admission: \$7, under 12 free. Operating layouts. Over 300 tables. Info at www.gserr.com

October 5 and 6, 2019 — Brunswick, Maryland

The **BALTIMORE AREA AMERICAN FLYER CLUB** will be operating their layout at **BRUNSWICK RAILROAD DAYS**. Enjoy food, drink, music, games, crafts, and vendors. See their history as a hub of the B&O Railroad the beauty of the Potomac River. Info: www.brunswickrailroaddays.org

October 5 and 6, 2019 — Berea, Ohio

THE GREAT BEREA TRAIN SHOW All-gauge Model Train Show at the Cuyahoga County Fairgrounds, 19201 E. Bagley Rd, Middleburg Heights. 10 am to 4 pm both days. Dealer tables and operating layouts. Adults \$8, under 16 Free with adult. Info at www.thegreatbereatrainshow.org

October 6, 2019 — New Castle, Pennsylvania

BLRHS FALL TRAIN SHOW at the Shenango Township VFD Social Hall, 2424 East Washington Street, next to Dunkin Donuts. 10 am to 3 pm. Adults \$5, Children under 12 free. For show info: www.blrhs.org

October 6, 2019 — Easton, Pennsylvania

LEHIGH VALLEY REGIONAL TRAIN SHOW & EXPO at Charles Chrin Community Center, 4100 Green Pond R. Presented by Lehigh Valley Chapter NRHS and the Railroad Historians of the Lehigh Valley. Featuring vendors of railroad books, magazines, art, models, and other railroad memorabilia. Door prizes, Refreshments available, Admission: \$5 per person, under 12 free. Visit www.lehighlines.org

October 10 thru 13, 2019 — King of Prussia, Pennsylvania

LIBERTY BELL SPECIAL, 2019 MER REGIONAL CONVENTION at Crowne Plaza Hotel, 260 Mall Blvd. Enjoy layout tours, clinics presentations, operating sessions, vendors, manufacturers, and more. Free parking, Admission: Basic registration (9/1/19 through 10/3/19) \$55. Registration at the door is \$60. Visit www.libertybellspecial.org for details

October 12, 2019 — Wyoming (Grand Rapids) Michigan

GRAND RAPIDS FALL TRAIN SHOW at HSB Inc., 5625 Burlingame Avenue SW. 10 am to 3 pm. Adults \$5, under 12 free. 203 vendor tables. www.grvrrc.org

October 12, 2019 — Bixby, Oklahoma

GREATER TULSA AREA TRAIN SHOW at the Bixby Community Center, 211 North Cabaniss Avenue. 9 am to 3pm. \$5 adults. under 12 Free. Info: www.TTOS-Sooner.org

October 12 and 13, 2019 — West Chester, Ohio

52nd CINCINNATI MODEL TRAIN & TRADE SHOW at Lakota West HS, 8940 Union Centre Blvd. Model Trains in all scales. 250+ sales tables. Operating layouts and displays. The **MIAMI VALLEY S GAUGERS** will run their modular layout at this show. For more information go to www.cincy-div7.org

October 12 and 13, 2019 — Idaho Falls, Idaho

RAILSHOW 2019 at the Idaho Falls Recreation Center, 520 Memorial Dr. **ROCKY MOUNTAIN HI-RAILERS** will display their **LOOKOUT JUNCTION** layout. Open Saturday 9 am to 5 pm and Sunday 10 am to 2 pm.

October 12-13, 2019 — Chehalis, Washington

FALL TRAIN SHOW & SWAP MEET presented by the Lewis County Model Railroad Club at Southwest Washington Fairgrounds, 2555 N. National Ave. **All-scales**. Operating layouts. More than 160 tables. Door prizes, Refreshments, Free parking. Admission: Adults \$5, 10 and under FREE.

**45th Great New York State
Model Train Fair**
www.modeltrainfair.com



Saturday, November 2, 2019 (10-5)
Sunday, November 3, 2019 (10-4)
State Fairgrounds Syracuse

Adults (16+) \$10.00
Children (15-) Free!

The Largest Model Train Show in New York State!

BUILD A BACKDROP VIADUCT

By Joe Kimber, South Jersey S Gaugers

One end of my previous West Jersey Railroad layout was up against a blank wall. My initial plan was to install a pre-printed backdrop on this wall. However, at the suggestion of my wife, I explored the possibility of installing a viaduct here instead. After some experimenting, the material I chose was 2" thick extruded foam insulation board. (Do not use expanded foam board)

My layout was 8' wide, just right for a 2' wide X 8' long sheet of extruded foam insulation board. I cut out arches in two sheets of thin corrugated box board to use as guides for a hot wire foam cutter (See photo 1, right). I marked the location of the arches on the foam board and taped a cardboard guide on each side of the foam sheet to guide the wire and keep it perpendicular to the face (see photo 2, right). Using the corrugated guides, I cut out the arches. Once all the arches were cut, I laid out the mortar lines on the front face of the viaduct. I used a guide similar to those noted above to scribe the mortar lines around the arch. Next, using a wood burning tool, the mortar lines were scribed into the foam. Use a sharp point tip and take care not to go too deep. I cut a 1/2" thick x 1-1/2" high piece of foam for an offset wall, scribed in mortar lines, and glued it to the top of the viaduct (see photo 3, below).



The viaduct was painted with a flat latex medium gray paint. The foam must be totally covered and sealed before proceeding to the next step. (Solvent based spray paint will dissolve bare foam). After the latex paint was completely dry I proceeded to "texture" the viaduct. Using spray cans of dark gray and black, I lightly sprayed the viaduct from about 4 to 5 feet away. (Do this outside or in a well ventilated area.) This leaves a very fine "speckled" or textured appearance. I continued this until I was satisfied with the result (see photo 4, below).

After the paint had completely dried, I filled in the mortar lines with drywall bedding compound (see photo 5, below). Once this had set up I did some additional weathering and sealed the viaduct with a flat acrylic spray. You can see the finished viaduct in **photo 6** on the opposite page with a Roundhouse HO Climax class A locomotive and some cars sitting on top. The arches have preprinted backdrops fastened to the back side.



THE NASG LOGO



PROCEDURES AND PRACTICES FOR LOGOTYPE USE By Will Holt, NASG President

Several years ago, the National Association of S Gaugers registered the couplers united with circles logotype design with United States Patent and Trademark Office. This is the design that has long been the symbol of our association. It is now protected under the laws of the United States from misuse.

Unfortunately, some of what is necessary when a logotype becomes a registered trademark was not followed through on as it should have been. That has now been rectified.

The Board of Trustees has approved a total of four, and four only, color combinations that are the only versions of the logotype that are to be used. All now carry the required circle R ® mark as a legally registered trademark. Controls on the use of the logotype have been tightened accordingly. It must be remembered that the registry of a logotype is a legal action and has certain requirements that must be followed for the registration to be continued. If those requirements are not followed, the United States Patent and Trademark Office may cancel the registration.

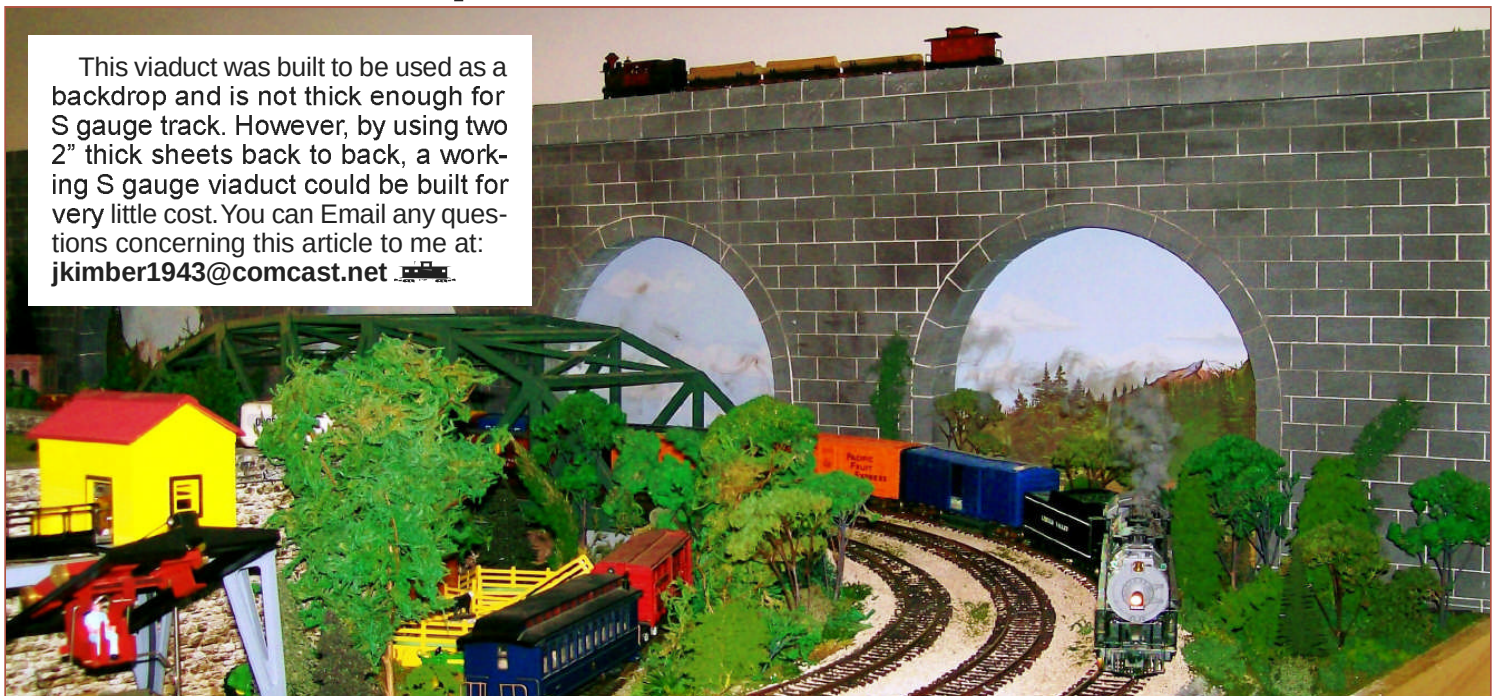
With that in mind, first of all, any versions of the logotype that existed prior to April of 2019 must be abandoned. This does not mean that existing materials items carrying an earlier version of the logotype must be removed from circulation. Such materials and items in continuing use may still be used until existing supplies of the materials and items are exhausted. New versions will then be produced.

Use of the logotype must be controlled. No individual member has the automatic authority to use the logotype. Any use of the logotype must have permission and that permission will be limited to the purpose for which the member applies and only for that purpose. Requests for use of the logotype should be directed to the NASG Executive Vice-President, who will evaluate the request and proceed as appropriate.

When approved, the art work for the logotype will be sent to the user. It is available in a 4-inch diameter TIFF format bitmap file in any of the four color combinations. For large size printing, the logotype is also available in a 16-inch diameter vector art format such as Adobe Illustrator or CorelDraw. Other sizes can be prepared upon request. 🚂

Build a Backdrop Viaduct *Continued*

This viaduct was built to be used as a backdrop and is not thick enough for S gauge track. However, by using two 2" thick sheets back to back, a working S gauge viaduct could be built for very little cost. You can Email any questions concerning this article to me at: jkimber1943@comcast.net 🚂



CALENDAR of EVENTS

October 13, 2019 — Wheaton, Illinois

CHICAGOLAND ASSOCIATION OF S GAUGERS will have their layout set up at the **Great Midwest Train Show** at the Dupage County Fairgrounds, 2015 Manchester Road.

October 13, 2019 — Hawley, Pennsylvania

MODEL TRAIN SHOW & SALE at the Hawley Fire Department, 17 Columbus Avenue. 9 am to 3 pm. Admission \$3. under 12 free with adult.

October 13, 2019 — Spokane, Washington

THE SPOKANE TRAIN SHOW hosted by the River City Modelers. 9:30 am until 3:30 pm at the Spokane Fair & Expo Center, Bldgs. A, B and C, 4-04 N. Havana St. 200+ vendor tables. Operating layouts. Admission: \$6, 12 and under free.

October 17 through 19, 2019 — York, Pennsylvania

WASHINGTON & OLD DOMINION S GAUGERS Division of the Atlantic Coast S Gaugers plan to display their layout at the **TCA Eastern Division show**.

October 19, 2019 — Holmes County, Ohio

OLD ELI'S TRAIN & TOY SHOW at Heritage Center, 3558 Sate Route 62 Millersburg, between Berlin and Winesburg. 10 am to 3 pm. Adults \$5. under 12 free! 150+ tables.

October 19, 2019 — San Bernardino, California

ROUNDHOUSE GANG SWAP MEET at the San Bernardino Depot, 1170 West 3rd St. Enjoy our model railroad swap meet featuring new and used model trains in all scales. Free parking. Admission: \$5. Spouses and children are free.

October 19, 2019 — Fort Wayne, Indiana

MODEL TRAIN TRAIN & TOY SHOW & SALE put on by the **Garrett Model Railroad Club & RxR Mania** at the Old YMCA, 2000 N. Wells Saturday 9 am to 3 pm. Adults \$5, under 12 free. Info at: www.RxRMania.com or 260-715-2519.

October 20, 2019 — Cambridge, Ohio

MODEL RAILROAD SWAP MEET sponsored by the **NMRA Buckeye Division** at the Pritchard Laughlin Center, 7033 Glenn Highway. 11 am to 4 pm. Free parking, wheelchair accessible. Admission \$5, \$3 for seniors (60+) and NMRA members, children under 12 free. See <https://div6-mcr-nmra.org/swap-meet.html> for more information.

October 26 and 27, 2019 — Timonium, Maryland

The **BALTIMORE AREA AMERICAN FLYER CLUB** will display and run their layout at the Great Scale Model Train and Railroad Collectors Show at the Maryland State Fairgrounds. <http://www.gsmts.com/index.htm>

October 27, 2019 — Hampton, Iowa

8th ANNUAL MODEL TRAIN SHOW AND SALE presented by the North Central Iowa Model Railroad Club 9 am to 3 pm at the Franklin County Convention Center, Hwy 3 West. Vendors, door prizes, operating layout. Refreshments available. Admission \$5, 10 and under free with adult.

October 27, 2019 — Castle Shannon (Pittsburg) Penna.

CASTLE SHANNON FIRE DEPARTMENT TRAIN SHOW and Rail Event. 3600 Library Rd. (Route 88) 9 am to 3 pm. Adults \$7, under 12 FREE. Three halls, 175 tables. Free parking, Kids train rides. Operating displays. www.csvfd.org

November 1 through 3, 2019 — Saint Louis, Missouri

44th ANNUAL S FEST hosted by the American Flyer S Gaugers of the Saint Louis Area at the Doubletree Westport Hotel, 1973 Craigshire Road. One of the largest gatherings of S Gauge enthusiasts, featuring a large swap meet/trading room, a special American Flyer Meet Car, Clinics, a Ladies Program, Home Layout Tours, Train Races, Model Contest, Banquet, and much more. Family Registration is \$15 and entitles registrants to purchase the limited production officially licensed Budweiser woodside reefer Lionel American Flyer car. Additional information at www.trainweb.org/afsgsla/

November 2, 2019 — Burlington, New Jersey

The **SOUTH JERSEY S GAUGERS** will display their 26' x 12' sectional S-gauge layout at the **MULTI-SCALE TRAIN SHOW AND SALE** at the Masonic Lodge #32, 2308 Mt. Holly Rd., from 9 am to 2 pm. Adult admission is \$5 (under 12 are free). Come buy, sell, trade various kinds of trains. show. Map at <https://goo.gl/maps/MwjvH8RqPfBtiq6j7>

November 2 and 3, 2019 — Dayton, Ohio

44th ANNUAL DAYTON TRAIN SHOW presented by the Miami Valley Division 3 of the Mid-Central Region of the NMRA at the New Montgomery County Fairgrounds, 645 Infirmary Road. Saturday 11 am to 5 pm. Sunday 11 am to 4 pm. Admission \$8 adult. Children 12 and under free with paid adult. More information at <http://www.DaytonTrainShow.com>

November 2, 2019 — Mount Hope, Ohio

CJ TRAINS FALL TRAIN and TOY SHOW at the Mt. Hope Event Center, 8076 State Route 241. 10 am to 4 pm. Admission: \$5, under 12 FREE. www.4cjtrains.com

November 2, 2019 — East Rutherford, New Jersey

METCA/NYSME TRAIN SHOW at St. Joseph's School, 120 Hoboken Road. 9 am to 2 pm. Admission: Adults 16+ \$5. NYSME Club layouts open FREE to attendees. Information at: www.METCA.org;

November 3, 2019 — Lindenhurst, New York

NORTHERN SPUR TRAIN & TOYS SWAP MEET at the Fireman's Pavilion, Fireman's Memorial Park, 555 Heiling Boulevard, north off of Hartford Street. FREE PARKING. Admission \$5 adults, kids under 16 free with adult. Model railroad equipment for sale to the general public. 8:30 am to 1 pm.

November 4 — December 31, 2019 — West Deptford, NJ

A **STATIC MODEL RAILROAD DISPLAY** will be setup in the West Deptford Public Library, 420 Crown Point Road, Thorofare, NJ in the lobby during library hours. This display features **S-Gauge products from multiple manufacturers** past and present. Map at <https://goo.gl/maps/h4ouyr5exaCEa8Gx8><https://goo.gl/maps/v32ZwHKvj3vus69SA>

November 7 through 10, 2019 — Troy, Michigan

NORTH CENTRAL CROSSING 2019 — NMRA North Central Region Convention, at the Troy Community Center, 3179 Livernois. Clinics, operating sessions, layout tours. Info and registration at: <http://www.div8.ncr-nmra.org/ncx-2019>

November 10, 2019 — Wheaton, Illinois

CHICAGOLAND ASSOCIATION OF S GAUGERS will have their layout set up at the **Great Midwest Train Show** at the Dupage County Fairgrounds, 2015 Manchester Road.

CALENDAR of EVENTS

November 9 and 10, 2019 — Gulfport, Mississippi
MISSISSIPPI RAILFEST presented by the **Mississippi Coast Model Railroad Museum**, 615 Pass Road. Saturday 9 am to 5 pm, Sunday 10 am to 5 pm. Train club displays and vendors indoors plus outdoor trains from Louisiana, Florida, Mississippi and Alabama. www.MCMRCM.org

November 9 and 10, 2019 — Milwaukee, Wisconsin
TRAINFEST 2019 staged by the WISE Division of the NMRA at the Wisconsin State Fair Park, Expo Center, is America's Largest Operating Model Railroad Show. More than 100 manufacturers and hobby dealers. 70 operating railroads. 60 free clinics are offered. Hundreds of demos. For 2019 Train Fest is celebrating the Chicago, Burlington & Quincy Railway. Admission: \$16 for adults; \$6 for kids 4-12; kids 3 and under free. Saturday: 9 am to 5 pm.; Sunday: 9 am to 4 pm.

November 9 and 10, 2019 — Tuscon, Arizona
TOY TRAIN SHOW operated as a benefit fundraiser for the **Gadsden Pacific Division Toy Train Operating Museum** at the Tuscon Expo Center, 3750 East Irvington Road From I-10 take exit 264. Friday 1 pm to 6 pm, Saturday 9 am to 2 pm. \$6 per person, under 13 free www.gpdtoyrainmuseum.com

November 10, 2019 — East Lansing, Michigan
LANSING MODEL RAILROAD CLUB SHOW AND SALE at Michigan State University Pavilion. 10 am to 4 pm. Admission \$6, under 12 free. Layouts, demonstrations and 500+ tables. Free parking. Information and map at www.lmrc.org

November 16, 2019 — Cherry Hill, New Jersey
The **SOUTH JERSEY S GAUGERS** will display their 26' x 12' sectional S-gauge layout from 9 am to 3 pm at the **Holiday Bazaar, Craft Fair and Food Court** in the Wither-spoon Center building at the Trinity Presbyterian Church, 499 Marlton Pike East. Free admission. Map at <https://goo.gl/maps/VHdJQ1LEeJQ2Ahny5>

November 16, 2019 — Danville, Indiana
CENTRAL INDIANA DIVISION NMRA ANNUAL DANVILLE TRAIN SHOW 10 am to 3 pm, at Hendricks County 4H Fair Grounds. 1900 East Main Street. On Old US 36. Admission \$3 adult, \$5 family. Operating layouts, vendors, clinics, food, Dealer tables. Web site <http://cidnmra.org/>

November 23, 2019 — Jacksonville, Florida
The **North Florida Division of the Atlantic Coast S-Gaugers** will display their layout at the **TOY TRAIN SHOW** sponsored by the Southern Division of the TCA at the Morocco Shrine Auditorium, 3800 St. Johns Bluff Road.

November 8 and 9, 2019 — Port Neches, Texas
2019 ANNUAL MODEL TRAIN SHOW at the Hebert Library, 2025 Merriman St., Friday 1:30 pm to 5 pm, Saturday 9 am to 5 pm. Layouts on display. Model trains and accessories for sale. Children of ALL ages welcome. Come join the fun and watch the trains run. Admission and parking are FREE.

November 10 and 11, 2019 — Sandy, Utah
INTERMOUNTAIN TRAIN EXPO at the Mountain America Exposition Center, 9575 State Street.

November 30, 2019 — Collingswood, New Jersey
ANNUAL MODEL TRAIN DISPLAY will be held at the Collingswood First Baptist Church, 23 Frazer Avenue. The **SOUTH JERSEY S GAUGERS** will have their 26' x 12' model train display downstairs in Collings Hall during and after the Holiday Parade. Kids Zone with Legos etc. Free Admission. Map at <https://goo.gl/maps/h4ouyr5exaCEa8Gx8>.

December 7 and 8, 2019 — Boise, Idaho
The **ROCKY MOUNTAIN HI-RAILERS** will display their **LOOKOUT JUNCTION** layout at the Boise Main Library, 715 South Capitol Boulevard.

December 7 and 8, 2019 — Ocean City, New Jersey
The **SOUTH JERSEY S GAUGERS** will display their 26' x 12' sectional S-gauge layout at the **MULTI-SCALE TRAIN SHOW AND SALE** held at the Ocean City Music Pier, 825 Boardwalk, Train displays and vendors. Saturday and Sunday 10 am to 4 pm. Admission \$3 for adults and \$1 for children. Map at <https://goo.gl/maps/329yQYazyLPr5KLR6>

December 8, 2019 — Wheaton, Illinois
CHICAGOLAND ASSOCIATION OF S GAUGERS will have their layout set up at the **Great Midwest Train Show** at the Dupage County Fairgrounds, 2015 Manchester Road.

December 13 thru 24, 2019 — Northampton, Massachusetts
For the 11th consecutive year the **Pioneer Valley Model Railroad Club** along with Look Memorial Park will be presenting **SANTA'S TRAINS AT LOOK MEMORIAL PARK** at 300 North Main Street (Rte.9) in the Florence section of Northampton. There will be **three operating S Gauge layouts** decorated in a whimsical Christmas theme, as well as Santa and Mrs. Claus. Open 4 pm to 8 pm December 13th through December 23rd, and 10 am to 2 pm on December 24th. For information contact Steven Allen at allens1017@comcast.net

December 14,15, 21 and 22, 2019 — Haddon Heights, NJ
The **SOUTH JERSEY S GAUGERS** will display their 26' x 12' S-gauge layout during the **Haddon Heights Annual Holiday Festival** Saturday and Sunday from 10 am to 3 pm at the Haddon Heights Public Library, 608 Station Ave. The show is sponsored by the **Roads and Rails** train shop, **Heights in Progress**, and the **Atlantic Division** of the TCA. Admission is free. Map at <https://goo.gl/maps/v32ZwHKvj3vus69SA>

January 4 and 5, 2020 — Columbus, Ohio
The **NASG INFORMATION BOOTH** will be set up at the **WORLD'S GREATEST HOBBY ON TOUR** show at the Ohio Expo Center, 717 E 17th Ave. If you are interested in helping with the booth, please contact Will Holt, NASG National Shows Coordinator at willowassoc@comcast.net

January 11 and 12, 2020 — Boise, Idaho
The **ROCKY MOUNTAIN HI-RAILERS** will display their **LOOKOUT JUNCTION** at the **GREAT TRAIN SHOW** in the Expo Idaho building at the Western Idaho Fairgrounds.

February 8 and 9, 2020 — Chantilly, Virginia (DC area)
The **NASG INFORMATION BOOTH** will be set up at the **WORLD'S GREATEST HOBBY ON TOUR** show at the Dulles Expo Center, 4320 Chantilly Shopping Center. If you are interested in helping with the booth, please contact Will Holt, NASG National Shows Coordinator, at willowassoc@comcast.net

COMPANY STORE

FOR SALE TO THE GENERAL PUBLIC



**NMRA S3, S4
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GAUGE**
\$7⁰⁰ for members
\$14⁰⁰ non-members



**NASG S-3, S-4
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WHEEL GAUGE**
\$7⁰⁰ and 2 for \$12⁰⁰
instructions included



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Measures car on track for proper
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Tan and blue denim
with color logo



EMBROIDERED PATCH

2 3/8" diameter
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\$5

TO ORDER any of these products, download an order form at www.nasg.org/Store or write your order legibly on a piece of paper. Make checks payable to NASG Company Store and mail to:

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IMPORTANT: Be sure to include your member number, quantity desired and sizes.

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TO SHOP ONLINE: Go to <http://www.nasg.org/Store/CompanyStore.php> Choose the items that you want to purchase and click **Add to Cart** and follow the instructions.

CLUB CARS

ANY MEMBER CLUB that has special edition cars left over from conventions or fests can advertise them at no charge in The Dispatch. Send a hi-res jpeg photograph and information to dispatch@nasg.org

S Fest 2018 Illinois Central Reefers and Gondolas



CASG has IC Reefers and Gondolas for sale for \$57 a reefer and \$60 gondola each in two different road numbers. Shipping is \$12.65 for any number of cars. Specify Hi-Rail or scale for the reefer. The gondola is only in Hi-Rail, however is easily converted. For information call Wayne Grassell at 847-744-0363. To order please specify cars desired, make checks payable to CASG, and mail to Wayne Grassell at 3115 Country Lane, Willmette, IL 60091.

SOHIO TANK CAR IN S GAUGE

SOHIO stands for Standard Oil of Ohio. These Lionel 6-41026 cars sell for \$70 each which includes shipping and handling.

To order make a check payable to SCSGC and mail to: Jeff Kruger, 1865 Nottingham Lane, San Dimas, CA 91773-3718



BURLINGTON REEFERS Stateline S-Gaugers has a number of Fall S-Fest show cars for sale for \$65 including shipping. To order make checks payable to SLSG and mail to Tom Behles, 15804 O'Brien Rd., Harvard, IL 60033

2017 CONVENTION CARS AND TRAILERS



TOFC \$70 each
Trailers \$25 each

Shipping: \$11 first item
\$4 each additional item

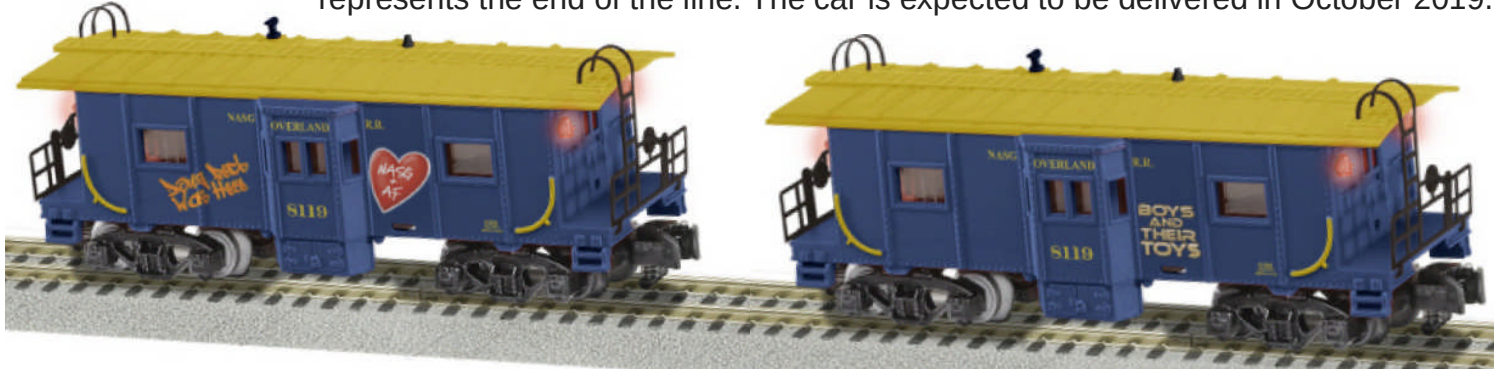
The **Baltimore Area American Flyer Club** has TOFC and trailers from the 2017 NASG Convention. B&O #2017 in Scale. B&O #9523 in Hi-rail and Scale. WM #1889 in Hi-rail and Scale. WM #2411 Hi-rail and scale. Extra McCormick trailers available. <http://baltimoreamericanflyerclub.org/wp-content/uploads/2017-CarForm5R-1.pdf> Order by mail from BAAFC c/o Kyle Russell, 4146 U Way, Havre de Grace, MD 21078.



The **Golden Gate American Flyer Club** has a two car Deep Rock tank car set. The two car set is available for \$159.95 plus \$15 shipping. Checks payable to GGAFC should be sent to Paul Guaraglia, P.O. Box 4054, Foster City, CA. 94404-0054.

NASG COMMEMORATIVE & CONVENTION CARS

Each year since 1981 the NASG contracted with Lionel/American Flyer to produce a limited-run car or locomotive for the American Flyer collector or operator. This project is being replaced by an NASG car project that may utilize any S gauge manufacturer. As this project is ending it is appropriate that this caboose represents the end of the line. The car is expected to be delivered in October 2019.

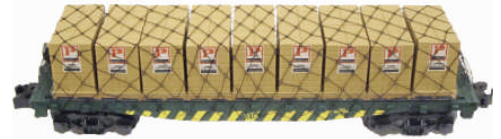


2019 American Flyer Commemorative Car

The price is **\$69⁰⁰** which includes domestic shipping. You must be an active NASG member to buy this car.



2017 and 2018 American Flyer Commemorative Cars We located photographs of Gulf tank cars with two different color schemes and decided to use them as the basis for the 2017 and 2018 commemorative cars. The price is **\$69 each or \$130 for two**. You must be an active NASG member to buy one of these cars..



The **2016 AF Commemorative Car** is a CNW Flatcar loaded with pallets. The road number 3516 is for the 35th edition and the year 2016. The **price is \$79**. Extra pallets can be had at 4 for \$10, decorated or undecorated.



2015 Convention Car Kansas City Southern PS2 Hopper car by MTH. Road numbers 286707 or 286815. Hi-Rail only for \$68

2015 AF Commemorative Car BNSF waffle side boxcar, by Lionel, road number 3415 for the 34th edition and the year 2015. Price \$69



2010 Jenney Gasoline Triple dome Tank Car by Lionel. Road number 2910. **\$75**



2012 Marathon Motors Box car. Road number 3112. **\$75**

2006 General Electric MOW Crane Car by Lionel. Price \$70*
2007 General Electric MOW Boom Car by Lionel. Price \$52*
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TO ORDER THESE CARS

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Dave Blum, 3315 Timberfield Lane, Pikesville, MD 21208

Please include the following in your correspondence:

1. Your NASG ID number from your membership card.
2. Your name and shipping address.
3. Which car or cars that you want and how many of each.
4. Your telephone number or e-mail address in case there are any questions about your order.
5. Maryland residents add 6% sales tax to your order.

All prices include shipping to addresses in the United States. Canadian orders please add \$10. To ship outside the continental US or for any other question contact Dave Blum at pikesvillemodels@yahoo.com

TO SHOP ONLINE Go to www.nasg.org/Store/AFCars.php for the AF cars or www.nasg.org/Store/ConvCars.php for Convention Cars and click on the **Add to Cart** button for the item(s) that you want to buy and follow the instructions.

EXTRA BOARD

S RELATED ARTICLES IN OTHER PUBLICATIONS

The **July 2019** issue of **CLASSIC TOY TRAINS** devotes seven pages to a well illustrated article by **Roger Carp** describing the elaborate layout of **CHUCK WINGATE**. There are eight photos by Chuck and a layout drawing by **Rick Johnson**. If anyone out there knows Chuck, please convince him to become an NASG member.

Jacking an American Flyer diesel up to full speed is the title of a short article on page 22 of the **September 2019** issue of **CLASSIC TOY TRAINS**. It describes how to correct problems with the gears on AF diesel locomotives.

FASCINATING DIESEL VARIATIONS describes how Gilbert decorated its locomotives and created collectible differences in the **September 2019** issue of **CLASSIC TOY TRAINS**. Story and fourteen photos by **Eric Hundertmark**.

END OF THE LINE

EMORY L. SHUGHART

87, of Boiling Springs, Pennsylvania passed away Sunday, July 28, 2019 at the Carlisle Hospital. He was born on June 25, 1932 in Cumberland County, Pennsylvania, the son of the late Nelson H. Shughart, Sr. and Ruth (Wert) Shughart.



Emory was a life-long S Gauger. He was an original and active member of the old Circuit Letters. He was a founding member and regular participant of the Central Pennsylvania S Gaugers. He was one of the organizers and leaders of the 1970 NASG convention in Hershey, Pennsylvania.

Emory had an extensive collection of Gilbert, Lionel, American Models, and S Helper trains that he lovingly restored, maintained, and operated on his 30' x 15' traditional layout.

All three of his children have S gauge collections and operating layouts, and he was instrumental in starting or converting a number of friends and relatives to the S gauge train hobby.

Emory was a graduate of Boiling Springs High School. He honorably served his country in 1953-54 in Battery C, 265th Field Artillery Battalion, U.S. Army.

Surviving are his wife of 61 years: Bette Jean (Bear) Shughart; sons: Alan Shughart (Lisa) of Harleysville, Pennsylvania and Larry Shughart of Jacksonville, Florida; daughter: Lucy Schlenker (Marty) of Grapevine, Texas and grandchildren: Ruth, Mabel, and Conrad Schlenker. Also a brother, Nelson, sisters Gladys, Gloria and Sylvania and a dear aunt Geraldine Gladhill.

A memorial service was held at the Ronan Funeral Home, 255 York Road, Carlisle, Pennsylvania on Saturday August 3. Private burial was in Springville Cemetery, Boiling Springs.

Memorial contributions may be made to the National Toy Train Museum, 300 Paradise Lane, Ronks, Pennsylvania 17572. <http://www.nttmuseum.org/support/index.shtml> All of the TCA Memorial Contributions are designated for the maintenance and upkeep of the S Gauge layout at the National Toy Train Museum.

To express an on-line condolence, visit www.ronanfh.com

Russell M. Mobley Memorial Library Magazine Resources

*3/16 "S"cale Railroading
Essense - the NMRA "S" SIG
newsletter, 1985-1988*

Mainline Modeler 1980 - 1997

Model Railroader 1937 - 1961

*NASG Dispatch • S Gauge Herald
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Jim McAuliffe, Joe Glenn and Will Holt

STANDARDS and ENGINEERING:

Gaylord Gill and Philip Sharp

S-MOD CO-CHAIR:

Co-chair position is open

LIONEL/NASG CAR PROJECT: David Blum

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Member Dues

As of April 1, 2016, the yearly member dues are as follows:

\$18⁰⁰ One-time 6-month Trial Membership

\$30⁰⁰ Regular

\$50⁰⁰ Contributing

\$40⁰⁰ Family

\$50⁰⁰ Club, Business, etc.

You can now **renew your membership online**.
Go to the web site **www.nasg.org** and click on **Membership**.
Click on **renew online**. Enter your name and member number
and follow the instructions. Have your credit card ready.

You can still renew your membership by sending a check or
money order by mail, payable to NASG, to:

Dick Kramer, Membership Secretary,
P.O. Box 268, Middlebury, CT 06762-0268

NEW MEMBERS

From May 1, 2019 to June 30, 2019 the following people have joined the NASG. Welcome.

Norman Della Coletta Westerville, Ohio
Joseph R. DiScala Saint James, New York
Gardner Divers Midlothian, Virginia
Robert E. Dochterman Cincinnati, Ohio
Steven R. Flora Cumming, Georgia
Dale Girt North Olmsted, Ohio
Dr. Marc A. Goldman Longmeadow, Mass.
Terry Hill Columbus, Ohio
Dylan Hilpert Rolla, Missouri
Jimmy Iandiorio Carnegie, Pennsylvania
Michael Mitter Lebanon, Ohio
Jeff A. Moser Apple Creek, Ohio

Eric S. Phillips Libertyville, Illinois
Jerry F. Riehle Harrison, Ohio
John Shannon Pittsburgh, Pennsylvania
Tom Slanec Holland, Michigan
David Stilp Lewis Center, Ohio

Deceased Members

Gene Cimino Hanover, Pennsylvania
Felix DelSordo Montrose, Pennsylvania
Roy Jones Brewster, Massachusetts
Jim Leffard New York City, New York
Emory Shughart Boiling Springs, Pennsylvania

EXTRA PAGES ONLINE

Go to www.nasg.org to see more pages.

Click on the **NASG** button. Click on the **Members only** menu option. Click on the **Log in** button and enter your **NASG member number** and **password**. Click on **Recent Dispatch Issues**. Use the **drop down menu** to find this issue. Note the password shown on the drop down menu. Click on **Retrieve**, then **Click here to download or view** the requested Dispatch. Enter Password. When magazine appears, scroll to page 41. 

READERS WRITE

NASG members write their opinions on various S subjects 41

MORE CONVENTION PICTURES 42



NASG on FACEBOOK

Chris Burger manages the NASG presence on Facebook. The link will take you to the NASG discussion group. You must have a Facebook account to be able view and participate. Go to **www.nasg.org** and click on **American Flyer** then click on **External Links** and then **Facebook** and then **NASG Facebook Discussion Group**

USRA Pacific with Vanderbilt Tender.

Coming in the Fall

Our new Pacific features a new USRA rounded roof cab also featuring headlight, smoke and choo choo sound as standard equipment on all models. AC HR models can be ordered with whistle and bell sounds. Die cast frame and boiler, tender with die cast frame and most of body die cast. DC models starting at \$499.95.

Orders are being taken for any road name that we have art work for and will include printing on tender and cab. Road names specially ordered require a \$50 non refundable deposit. We prefer a check in the mail but will accept credit or debit card pre-orders.



American Models 11770 Green Oak Ind. Dr., Whitmore Lake, MI 48189
Phone 734-449-1100 Fax 734-449-0335

Purchase or E-mail questions through web site. **Major Charge Cards accepted**
www.americanmodels.com e mail: **americanmodels@sbcglobal.net**

READERS WRITE

The Dispatch, July -August 2019

Bill — Latest Dispatch is OUTSTANDING. As examples: Cover photo links to feature article, with seven more photos; I copied Pages 6 through 10 (Screws, and Glues) into my reference binder; "An Ideal Prototype . . ." should become a continuing series; "S Stands for Steam" is at the heart of my model railroading interest; "Simple Battery Turnout Control" also went into my reference binder; and, Nice, big color photos were included in S Product Review. "You done good!"

Congratulations to you, and to the contributors.

Don Hand
Houston S Gaugers



Hi Bill,

Here is a video of Larry Shughart's outstanding S layout that I just uploaded following our club's meeting last Saturday here in northeastern Florida.

<https://www.youtube.com/watch?v=xW2EMYKnWVg&t=3s>

It tells the story of my SW-9 that has been sitting on my shelf since our move to Florida 18 months ago and the dismantling of my layout in Ohio (no basements here in FL). Next year's TCA meeting will be held here in Jacksonville and Larry's amazing layout will be on display. I really look forward to receiving each issue of the Dispatch, and I read it cover to cover when it arrives!!!!

Mark Klemens



Mr. Pyper;

First of all, I enjoy absolutely everything that appears in the Dispatch. I had a 4904T set given to me for Christmas, 1951. While that set is long gone, a little over a year ago I began acquiring AF pieces including enough to recreate the long ago set plus others from other NASG members, one of whom recommended NASG to me and who was thinning his extensive collection.

The July/August 2019 issue included the "What Screw Should I Use" table and the "My Favorite Glues" article. These are both very useful and much appreciated along with all of the first rate articles and their accompanying photographs.

Thanks very much to you and all of the contributors of the fine articles that appear every issue.

Dick Calland, New Berlin, Wisconsin



For your next article: From the Walthers catalogue
Kadee Taps and drillbits

1-72 53 48
0-80 52 55
00-90 62 56

You need to do a part two, Screws smaller than 2-56.
And maybe mention Robertson Screws (very popular in Canada). I think they go by 'box' in the US.

Ken Garber
Canada

6/24/2019

To the Editor:

Bob Hogan is indeed one of S scale's finest modelers. However I was disappointed that the review of the Pre-Size Model Specialties Greenville Gondola kit, in the July-August issue of The Dispatch, did not include any reference to the the designer of the 3D master patterns. Dr. D. Scott MacKenzie should be credited for his excellent work, drawing the model in Solid Works so patterns could be made. He did a lot of extra work on the drawings for the sides to get the interior and exterior corrugations as close as possible.

The process of making 3D parts is relatively easy, although print quality from supplier to supplier varies a great deal. As with anything, you get what you are willing to pay for. The key is initially creating high quality drawing files. Scott's ability to create those for this model, and the previous 60' Pullman-Standard flat car kit, is excellent work that should be recognized.

Jim Kindraka
Grand Rapids, MI



Hi, Bill

Just a note to say what a superb job you're doing as editor of the Dispatch. Despite comparatively small numbers in readership and paid advertising, the magazine ranks with the mainstream hobby publications in its content, format and overall quality. As you've said many times before, it takes the contributions of a lot of people to keep such a publication going, but you're the guy who consistently puts each issue together and gets it in the mail. I will pledge to continue being an occasional contributor.

Gaylord Gill
Highland Michigan



Bill,

I keep forgetting to let you know: the July-August Dispatch in fine shape. Also, the 'on-line' reefer photos look great. Can't thank you enough, once again, for your editorial skills that helped my manuscript become an article. On behalf of all those interested in S-scale model railroading, keep up the superb work on The Dispatch !! "Happy railS to you ..."

Sincerely,
Ron Warner



Hi Bill,

Looking through some recent Dispatches I started wondering about how much time you must put into each issue? Every page takes time, and some pages take a lot. And you said you spend a lot of time on fixing up photos, too.

Great job is all I can say.
Steve Monson

SCENE AT THE CONVENTION

Photos by Dick Kramer



Vendor Hall

Pittsburgh S Gaugers switching layout.



Cincinnati Union Station



SCENE AT THE CONVENTION

Photos by Jay Mellon
Central Vice President

Left:
S-scale diorama in the
Cincinnati Union Terminal



Below:
Model of the Cincinnati Union Terminal



Left:
Rebuilt EMD GP-7
of the Turtle Creek Valley
excursion train.

LAYOUTS AT THE CONVENTION



Left:

Pittsburgh S Gaugers

John Knox chats with visitor

Photo by Michael McConnell

Below:

Miami Valley S Gaugers

Photo by Michael McConnell



Left:

Hoosier S Gaugers

Photo by Michael McConnell