

THE **DISPATCH**

July-August 2021



COVER: Looks like a warm autumn day as the trolley rounds the bend to pick up some passengers for a day in the city center. This vignette is just part of Stephen Terni's layout which will be featured in a future issue.

Products for S Gauge by Jeff Madden.....3	Dirty Knees Leads to Solving Duckunder
President's Message.....5	Problem by Daniel Taglia.....16
Editor's New Orders.....5	Lionel 0-27 Car Hauler Changed to S
Member Information.....6	by Ray Puls.....17
Never Know What You Will Find Until You Look	Explore Trolley Layouts by Jeff Madden.....18
by Roger Schneider.....7	Create Cement Pipe Loads by Edwin
Down by the Depot by Carl Rudolph.....8	Kirstatter.....20
CamAm Convention Rescheduled for 2022 by	Remembering NASG Members..... 22
Jim Martin.....10	Classified Ads23
Spree Offers First Chance to Meet by James	Calendar of Events and Extra Board.....24
McAuliffe and Jeff Madden.....14	

NASG DISPATCH

Official Publication of the National Association of S Gaugers
The DISPATCH - ISSN 10457178 is published bi-monthly by
NASG, Inc.
Richard Caugherty, Editor
714 Twin Oak Drive, Pittsburgh, PA 15235
e-mail: dispatch@nasg.org
The NASG is a 501(c)7 Fraternal/Educational non-profit corporation

CREW LIST

Richard Caugherty *Editor*
Jock Ellis, Shane Lambert
and Stephen Law. *Associate Editors*
Jeff Madden *New Products Editor*
Personnal Needed *Advertising Manager*
Jay Reese. *Draftsman/Contributor*
Contributors
Dave Donaldson, Steve Doyle, Will Holt,
Joe Kimber, Ed Kirstatter, Jim Martin,
Steve Monson, Carl Rudolph, Ken Zieska

SUBSCRIPTION RATE

1-year, \$30⁰⁰ includes membership in the NASG. Subscriptions payable in US funds. Postage paid at Pismo Beach, CA. DISPATCH is printed in the USA and mailed in the issue month.

MEMBERSHIP YEAR

The Membership Year is determined by the date that one enrolls, guaranteeing 6 issues, starting with the next issue. All applications, renewals and membership questions should be directed to:
NASG Membership Secretary
Dick Kramer
P. O. Box 268, Middlebury, CT 06762
e-mail: nasgmem@comcast.net

CHANGES

Must be reported to Dick Kramer at the addresses above and received 30 days prior to publication of the Dispatch. No replacement issues sent after that.

DEADLINES for time sensitive articles and advertising are December 15 for the March, February 15 for May, May 15 for the July issue, June 15 for September, August 15 for the November issue and October 15 for the January issue.

NOTICE TO READERS: All warranties and claims made by advertisers in the DISPATCH are the sole responsibility of the advertiser. The NASG reserves the right to refuse any advertising material for any reason. The selection and/or use of the products or services and the application or results obtained from these advertisers is the sole responsibility.

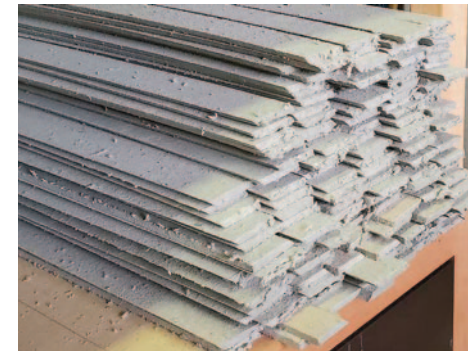
Copyright 2021 NASG, Inc.
All rights are reserved. Reproduction in whole or part is prohibited without permission of NASG, Inc.

PRODUCTS FOR S GAUGE

Jeff Madden, New Products Editor

NEW ARRIVALS

Central & Western Homaroad Supply: www.cwhomaroad.com – Pre-cut Homasote roadbed is coming in S standard gauge: currently available in Sn3. Phone: 210-579-0186.



Matchbox: Big box stores or google as there are multiple vendors. Under the label Moving Parts Matchbox has a line of 1:64 cars and trucks. The Divco milk delivery truck is nicely done including clear plastic windshields and interiors. They would be good for repainting and decaling



Miller Engineering: www.microstru.com – Has some new light-up signs such as Looney Toons, Michelob Beer, NAPA, etc.



Motrak: www.motrakmodels.com – They have 2 new laser structure kits. One is the Weeks Mills Freight House for \$80.00, and one is the Cimarron Depot for \$60.00.



Plasticville USA: www.plasticvilleguide.com. A new version of the Plasticville guide in color by Bill Nole is now available. It is a 204-page softcover book that covers Plasticville post WWII production and includes current values, descriptions, and full color photos. It is \$29.95 plus shipping and applicable tax.

San Juan Models: www.sanjuanmodelco.com – They have two new Leadville Shops



line Sn3 laser kits. One is a D&RGW MOW bunk car for \$69.95 and one is an RGS/C&S type stock car for \$59.95.



AVAILABLE S PRODUCTS

American Models: www.americanmodels.com – They are re-doing the shorty heavyweight passenger cars in NH and NYC liveries.



B.T.S.: www.btsrr.com – Lists the laser craftsman kit Howard Bros. Feed and Grain complex for \$399.95. It has a 180' x 100' footprint.



Greenbrier: contact Jeff Graeber geoffreygraeber@me.com. See the NASG website. Jeff is saying that he can have some brass GP30s custom painted by summer or fall in these road names: UP, SP and Cotton Belt.



Larkspur Laser Art: www.larkspurlaserart.com – They list S scale street surface sheets that interlock. Each set consists of 2 pieces 9 and 1/2" x 4 and 1/2". They come in cobblestone or herringbone design.

See
Products
on page 4



PRODUCTS FOR S GAUGE Continued from page 3

Port Lines Hobbies: www.portlines.com – Check Doug’s listings for NEW ARRIVALS MTH inventory of their latest releases. He may have F7s in WM, RDG, Burlington liveries and NW-2s in UP, SF, B&O, NP, and LV.

Rail-Scale Models: www.rail-scale-models.com – They have laser cut lumber stacks. Each kit has 2 four-foot-high stacks.



Tru-Color Paints: www.tru-colorpaints.com – Hobby shops are starting to carry this line of acrylic paints in some of the familiar railroad paints we were used to from Floquil. They now list some aerosol spray cans besides brush paints.

3000 Toys: www.3000toys.com – Some of the new vehicle items they carry include a Shell service set that includes 4 vehicles and a gas pump. Also listed among the

many vehicles is a 1964 Chevy Suburban crew hauler.

The Dispatch is seeking a volunteer Advertising Manager. Job entails contacting S businesses via mail, email or phone to explain the advantages they will receive by advertising to a captive audience. Email your interest to: dispatch@nasg.org



O&S Scale Midwest Show

\$20 Pre-Registration!

\$25 at the door

NEW SHOW DATES THIS YEAR OCTOBER 8-10, 2021

Lower Room Rate of \$105!



MEET OLD FRIENDS & MAKE NEW ONES • PRESENTERS • TOURS • VENDORS

→ REGISTER NOW ←

ONLINE: oscalemidwest.com

CALL: 815-584-1577

MAIL: 407 E. Chippewa St
Dwight, IL 60420

oscalemidwest.com / sscalemidwest.com

REGISTER EARLY for Easy Check-in & Preprinted Badges

Wyndham Indianapolis West

2544 Executive Dr.

Indianapolis, IN 46241

Ask for the O&S Scale Show Rate

317-248-2481 / 877-361-4511



President's Message

Will Holt, NASG President

TIME TO GET GOING AGAIN

As you read this, some train shows are resuming. On April 17, Great American Train Shows Inc, the new parent company of the Great Train Show, the Great Midwest Train Show and Greenberg's Train and Toy Show, announced these events will resume starting about now. The first dates for the shows are August 14, August 8, and July 24, respectively. Resuming in early 2022 will be the World's Greatest Hobby on Tour.

There likely will be requirements for such things as masks, distancing, etc. of course. More importantly there will be people having the chance to meet and share their interest in model railroading.

So, it will be time for us, as S, 1:64 model railroaders, to get out, using common sense, to promote our chosen scale once again. Why? S was gaining momentum before COVID-19 interrupted gatherings of all types. This momentum can be regained.

How? As experience has repeatedly shown, the best way to promote, or to sell, S is in person, face-to-face. All of us, as S Model Railroaders, need to get out there in any way we can. If we do not, who will? We can be sure that ambassadors of other scales will be out there.



New Orders

Richard Caugherty, Editor

SHARE, SHARE, SHARE

Just thought I would couple on to Will's message by offering up an idea. I used to "hoard" my train magazines back before the computer age. I do not anymore since it typically easy to get articles and photos online. I plan to take them to club meetings and offer them to anyone who would like to read them. I hope to not go home with any.

Maybe this would be a good idea for you to use. It does not just have to be when you go to a train club meeting. You could take them to any club of which you are a member. If not to club meeting, maybe you could refresh the magazine rack in the dentist or doctor's office. I know at this time may such places do not have magazines out do to Covid 19, but as restrictions ease, might be your chance.

You might be surprised at the members of your train

club who do not belong to NASG. Sharing your magazine might get them interested enough to join. Try it, it cannot hurt.

APOLOGIES

I was very sure that the May-June issue was going to be almost mistake free. A good thing I was not holding my breath.

I will not go into details of where to find them, but I am sure you have as well as me. The puzzling thing about using a computer to create these pages is that sometimes you wonder if it does not have a brain. I swear that some of the blunders I know I fixed and yet when I went back to examine those pages there, they were just as if I had not corrected them. How could that be? Got a new version of my software several months ago. Found that after much detective work, it was not auto saving as the previous version was.

So even though I made corrections these were not being saved. Fixed the problem, but I manual save all my work as I go just to be on the safe side.

Still looking for your articles and photos.

These resumptions are opportunities that should not be passed over. All of us, as NASG members, need to step up. Understand that promoting S is NOT an exercise in futility. The more we promote, the more S will grow.

SOON, SOON

We are getting closer and closer to the end of the COVID-19 tunnel. Other model railroading events are going to take place.

Come Fall, the Fall S Fest will take place in the Milwaukee area in November followed a week later by the Train Fest, also in Milwaukee. The latter is one of the largest trains shows in the country. Currently both the Badgerland S Gaugers and the Chicagoland Association of S Gaugers plan on being there presenting S model railroading to the audience of this show, which often runs in the range of 20,000 attendees.

We anticipate that many of the annual local and regional train shows will take place as we go into 2022. As individual NASG members and as local S organizations, let us take advantage of every opportunity. It takes all, yes all, of us!

THE DISPATCH

Were you disappointed with the smaller May/June issue? Why did that happen? Simple, editor Richard Caugherty cannot publish articles he does not have. Want more articles? Then sit down and write; do not leave it to others.

NASG OFFICERS

PRESIDENT: Will Holt
2186 Cabrillo Lane,
Hoffman Estates, IL 60192-4633
e-mail: president@nasg.org 630-881-9025

EXECUTIVE VICE PRESIDENT: James Whipple
1719 Middle Road, Glenshaw, PA 15116-3127
e-mail: exec_vp@nasg.org 412-487-3364

TREASURER: Michael Ferraro, CPA
278 Route 34, Matawan, NJ 07747
e-mail: treasurer@nasg.org 908-566-4159

SECRETARY: Andrew Malette
8 Treeline Court, Etobicoke, ON M9C 1K8, Canada
e-mail: secretary@nasg.org 416-626-8395

EASTERN/NORTH EASTERN VICE PRESIDENT:
Jeff English
6 Lansing Avenue, Troy, NY 12180-4829
e-mail: eastern_vp@nasg.org 518-274-8068

CENTRAL/SOUTH EASTERN REGION VICE PRESIDENT:
Jay Mellon
5915 Colbert Street, New Orleans, LA 70124
e-mail: central_vp@nasg.org 504-224-1158

WESTERN REGION VICE PRESIDENT: Peter Gehret, MD
59 Glenalla Place, Castle Rock, CO 80108
e-mail: western_vp@nasg.org
303-660-1991 Cell 303-916-8355

COMMITTEE CHAIRS

AMERICAN FLYER COMMEMORATIVE CAR PROGRAM

Chairman, Clay Buckage
Telephone: 610-248-0890
E-Mail: afcarprogram@nasg.org

ANNUAL CAR PROGRAM
Chair, Chuck Kemper
Telephone: 832-283-2876
E-Mail: annualcarprogram@nasg.org

COMPANY STORE

Store Keeper
E-Mail: companystore@nasg.org

CONTEST (Standing)

Chairman, Charlie Leonard
Telephone: 609-877-7887
E-Mail: contest@nasg.org

CONVENTION (Standing)

Chairman, John Myers
Telephone: 614-766-9033
E-Mail: convention@nasg.org

THE DISPATCH

Editor, Richard Caugerty
Telephone: 412-609-1772
E-Mail: dispatch@nasg.org

ELECTIONS (Standing)

Chairman, Jamie Bothwell
Telephone: 610-868-7180
E-Mail: election@nasg.org

LIBRARY

Librarian, Dale Minard
Telephone: 760-822-4050
E-Mail: librarian@nasg.org

MEMBERSHIP

Secretary, Dick Kramer
Post Office Box 268
Middlebury, Connecticut 06720-0268 Telephone: 203-527-3601
E-Mail: nasgmem@nasg.org

MEMBERSHIP OUTREACH

Chairman, Kenneth Zieska
Telephone: 763-232-3455
E-Mail: adhoc@nasg.org

Co-Chairman, Robert Whipple

NASG GROUP FACEBOOK PAGE Administrator:
Christopher Burger Telephone: 513-501-7917
E-Mail: chrisandmhelburger@yahoo.com

Co-Administrator: David Heine

PROMOTIONS (Standing)
Chairman: James McAuliffe
Telephone: 319-393-3358
E-Mail: promotions@nasg.org

SERVICE (Standing)

Chairman: Open
STANDARDS (Standing)
Chairman: Phillip Sharp
Telephone: (International)
E-Mail: engineering@nasg.org

Co-Chairman: Gaylord Gill
WEB SITE
Web Master, Peter VanVliet
E-Mail: webmaster@nasg.org

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

NASG New Members March 1, to April 30, 2020

Charles Anderson.....	Sheffield, Massachusetts	Donald R. Millar.....	Atco, New Jersey
Barnes, Jerry F.....	Olympia, Washington	Brandon G. Moore.....	Midlothian, Virginia
BH Collectibles LLC.....	Brooklyn Heights, Ohio	Jerry Nelson.....	Hot Springs, Arkansas
Richard A. Bilonick.....	Pittsburgh, Pennsylvania	Michael Ostertag.....	Green Bay, Wisconsin
Bruce Carter.....	Fairfield, Connecticut	Bill Pomroy.....	Burnsville, Minnesota
Robert G. Comstock.....	Madison, Connecticut	Mike Smithana.....	Crivitz, Wisconsin
David L. Duffey.....	Georgetown, Texas	Ed Spiegle.....	LaVale, Maryland
Robert A. Galganski.....	Buffalo, New York	Kevin T. Staley.....	Mint Hill, North Carolina
William J. Green.....	Billerica, Massachusetts	Frank C. Tietien III.....	Ulster Park, New York
Mark Hall.....	Kansas City, Missouri	Andy Traister.....	Greenville, Indiana
Roy Inman.....	Olathe, Kansas	Ronald E. Wells.....	Montclair, California
T. J. McMahon.....	Buffalo, New York		

Roger N. Johnson made a donation to the NASG.

Deceased Memebers

Louis Aprile.....	Milford, Ohio	Dick Hughes.....	Las Vegas, Nevada
Robert Greengrove.....	Nutley, New Jersey	R. Eric Reis.....	Kenmore, Washington

DISPATCH DEADLINES CHANGED

for submitting time sensitive articles and advertising are December 15 for the March issue, February 15 for May, April 15 for the July issue, June 15 for September issue, August 15 for the November issue and October 15 for the January issue.

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**.

You never know what you will find until you look for it

by Roger Schneider,
Pittsburgh S Gaugers,
photos by the author

As happened a few years back, I took a chance and twisted the arms of a few guys to go over to the Union Station after the Spree closed on the Friday afternoon.

The museum and associated tower had been open to visitors during the day on Friday and Saturday but not in the evenings.

The first year I thought we would just take a chance and at least see the outside of the station. As it turned out there were a couple of guys still there from the Marion Union Station Association that year and they were more than pleased to show us the inside of the tower and the inside of the station.

More recently the tower

had been moved from its original location across from the station – you will see this in the old photos – and they removed about ¼ of the original height.

There are many track crossing “diamonds” all around the station: two tracks east and west and two tracks north and south on each side of the station. We got super lucky and saw five trains going through the diamonds in the 90 minutes or, so we were there starting a little before 7p.m.

Sadly, quite a few guys decided to call it a day and go back to their motels. They missed quite a treat.



This old picture hanging in the current tower's position shows in was across the tracks from the Union Station. Sorry about the reflection. The actual photograph was taken in 1963 by The Hughes Studio in downtown Marion and is taken looking west.

All the trains plus two Station Association guys did personal tours for us again this year. This was not pre-arranged. We just had lucky timing.

Technically the station was to be open only until 5 p.m. on that Friday!

At one time Marion (former home of President Harding) was a junction point for three railroads (hence the Union Station name): New York Central, Chesapeake & Ohio and Erie (later Erie Lackawanna.)

We watched the 5 trains going through the diamonds from a

platform just outside the top door to the AC tower control room. Evidently about 60 trains pass through here each day: CSX and Norfolk Southern.

So maybe it was luck, but our adventure really turned out OK because we took a chance.

Please see several other photos about the group's experience on page 26.

The Dispatch is seeking layout articles and photos for future issues.



Also displayed in the tower was this picture of an Erie Alco PA-1 photo making a stop. This photo was taken looking east and there is the tower on the opposite side of the tracks.

Down by the Depot

by Carl Rudolph
Sacramento Valley American flyer Club



As the ancient doggerel says, “Spring has sprung” as this column is being written. And it is true in more ways than one – while trees are putting out leaves and the dogwood is blooming, the vaccinations for coronavirus are proceeding apace and there is hope in the air. The national convention for the Train Collectors’ Association is on for this fall and the Spring S Spree is right around the corner – so train events are coming back to life! But the S clubs have been alive all along so let us get to the news:

The **Pioneer Valley Model Railroad Club** did not have an official club meeting this time around, but they did have some members join a Zoom meeting with two other clubs (Bristol S Gaugers and Connecticut S Gaugers). This meeting featured a presentation by a member of “Next Generation Railroaders” otherwise known as “Generation Z”. The presentation described this group of young modelers and railfans and what it takes to make them interested in club-related activities. The presentation sounds remarkably interesting and thought-provoking if we want to keep clubs alive with new members. The newsletter included a link to the recorded presentation, but the link was no longer active at the time of this writing.

The **South Jersey S-Gaugers** are still meeting virtually since the Stratford Senior Center is still closed. Show-and Tell works well on Zoom and the members have been doing that to everyone’s pleasure. This time around, **Ed Claypoole** penned a fine article about the East Broad Top and its current revival.

The **Cuyahoga S Gauge Association** (Cleveland area) still are not meeting. The latest newsletters have had an interesting series of articles dealing with AC traction motors, and their controls, in modern (real) locomotives. President **Jim Futules** has announced that the May meeting will be in-person and outdoors so they can finally have a real meeting!

The **Miami Valley S Gaugers** (Dayton area) still are not meeting either, in person, but are enjoying Zoom meetings instead. In recent newsletters, Tom Hurd has made suggestions to improve meetings by adding a social time at the end, having meetings at interesting places, lunch meetings, day trips, etc. all of which sound good to yours truly. **John Clifford** and **Alan Smith** both had great articles about improving the performance of Flyer reverse units, while **Jay Reese** provided an article about making gondola loads from spare windshield wiper adapters and **Tom Hartrum** sent in photos of a shed that took 40+ years to finish on his layout! Looks good too!

The **Central Ohio S Gaugers** (Columbus area) are terribly busy with final plans for their hosting of this year’s Spring S Spree. The show is a go, but the Age of Steam Roundhouse tour was cancelled because the roundhouse has inadequate staff available for large groups. Really too bad but understandable. The club has had Zoom meetings like everybody else but finally had an in-person meeting at **Art Lofton’s**. It was a hybrid meeting – join by Zoom if you wanted to. By the time you read this the Spree will be long over and surely a big success!

The Central Ohio S Gaugers – Northern Division (Toledo area) continue to be highly active individually at home. But recently they started having meetings again at members’ homes, including homes of **John Donnersbach**, **John Frank-**

forther, and **Tony Palumbo**. The last of those was to be a virtual dining car experience with a “ride” from Buffalo to Fort Wayne on the Nickel Plate. Meanwhile, John Frankforther and Randy Krajewski were sending out photos of new projects – John is being a scratch-built signal bridge and Randy’s being a new flat car with liquid hydrogen tank load, refurbishment of a Minicraft 400, and a repro AF lighted dealer sign. All cool stuff.

The **Badgerland S Gaugers** sent in a newsletter, the first in some time. This one was essentially a letter from correspondent **Jeff Madden** that recounted the current situation about this year’s Fall S Fest (which the club hosts and is still on the calendar). Jeff also wrote about what S gaugers are probably doing while in isolation or shut-down – projects of cleaning, organizing, weeding out inventory, building things, etc. which surely is all true.

The **Kansas City S Gaugers** are planning on meeting for lunch at a restaurant close to **Bill Hutton’s** office, then returning to his office for the club meeting and running trains. Having an office where you can run trains has to be perfect! The club is taking their layout to the Wyandotte County Museum for the exhibit on the Union Pacific being in the county for 100 years. Also, the Model Railroad Exhibit at the restored Kansas City Union Station has received a donation of Flyer trains so the club is going there to do maintenance on the S gauge portion of the display.

The Dallas-area **Lone Star Flyers S Gaugers** sent in the following note: “The DFW Lone Star Flyer Club had its first in person meeting in over a year on April 10th. All who attended had received their full Covid vaccines, but still wore our masks. It was so good to actually “see” each other after a long number of Zoom meetings. We had about 15 members attend. We had an opportunity to make bids on two collections that had been donated to the Club with final bids at the May meeting. The North Texas Council of Railroad Clubs consisting of about 30 clubs is planning significant changes to its next two shows scheduled for October 2 and 3 and January 15 and 16, 2022. It is adding an exciting new Great Train Race to the shows that will allow contestants, especially kids, to race side by side over curved and elevated tracks and be the first to complete 3

has never been done in our shows before as we are trying to give our shows a fresh new look. The LSF Club is donating the track, consists of and trestles for the racetrack. **Larry Yurcho** (bold font added ed.) will be building the 4’ by 8’ layout. There is a lot of excitement about this new feature for our shows.”

After a long dry spell, we have heard from the **Rocky Mountain Hi-Railers** again! They, like everybody else, have been pretty much shut down since early in the pandemic but life is returning. The newsletter had a couple of wonderful articles showing what members have been doing at home. **Glenn Hadden** made a whole train of different Fire Fighting Cars with tanks, nozzles, hoses, etc. all in red and white and very inventive. **Bill Seader** wrote about his American Central Lines layout in progress that is a very realistic model of the Jersey Central with very realistic operations planned. Other club members have already contributed to his layout.

In the San Francisco Bay area, the **Golden Gate American Flyer Club** is continuing with virtual meetings. Lionel has set samples of the Flyer Fest West commemorative cars to the club for inspection. The company identified on the cars is

still in existence and they have asked the club to air ship the cars and some track to the company’s advertising photographer to take publicity photos and the company will provide some historical background regarding the period logo. It all sounds very cool and if you want to know what company it is, watch for the club’s publicity on Flyer Fest West 2021!

The **Southern California S Gaugers Club** still meets virtually. At a recent meeting, Will Taylor from the Carquinez Toy Train Operating Museum in northern California provided a presentation about the museum and its layouts, which include some American Flyer S gauge trains and accessories. The club also had a detailed discussion, with worksheet, regarding means to transport the club layout modules. Under discussion are trailer vs. truck. Buy vs. lease, storage space, maintenance, sizes, and all the other details that needs to be ad-

dressed. There is plenty of action across the land in S gauge, pandemic or no! Yours truly is about to pack up and make the trek to Marion, Ohio for the Spring S Spree which has been a bucket list item for decades! Hope to meet a bunch of our correspondents there!

Keep trackin’!

Email: clubcar11@comcast.net
or Carl Rudolph, 19400 Superior Drive,
Twain Harte, CA 95383

AutoControls.org DCC & Analog
Youtube How-to Videos & Drawings, for Automatic Train Control
• Pnt-to-Pnt: 1, 2, or 3 trains point-to-point on the same track
• Loop: 2 or 3 trains on the same loop

Above Pikemaster DCC loop, has no blocks, uses single detector

Pushbuttons allow public to start trains
James Ingram, vms 570-322-7597

Pic from 2017 NASG Timonium Display

AmericanFlyerTrains.com

Dave Blum
PIKESVILLE MODELS
3315 Timberfield Lane
Pikesville, MD 21208-4425
410-653-2440

ALL THE FLYER YOU DESIRE!
E-mail: americanflyertrains@gmail.com

PRE-SIZE S SCALE
MODEL SPECIALTIES

Steve Wolcott & Linda Lindsey
Paonia, Colorado
970-527-4586

Cast urethane products for your model railroad: tunnel portals, culverts, bridge piers and more. We are adding new products all the time.

www.presizemodels.com

Are your DUES due?

NATIONAL ASSOCIATION
S GAUGE
UNITED
GAUGERS

CamAm NASG Buffalo

by Jim Martin, Convention marketing and promotions chair

CanAm 2022: If things had gone as planned, right about now organizers of the 2021 NASG CanAm convention in Buffalo would have been in the final push to deliver an outstanding experience, and many of you reading this would have been feeling the anticipation of the approaching event. As we all know however, 2021 was not to be.

With the burden of uncertainty now lifted from their shoulders, event organizers feel rejuvenated and ready to use their additional twelve months to fullest advantage. Buffalo 2022 will be a knockout event.

Buffalo alone will provide convention goers with a fantastic range of sights and experiences, but if you can find some extra time outside of the convention, a short trip north would be the cherry on top.

One of the opportunities presented to us is to put a little more "Can" into the CanAm. The additional twelve months will be used in part to try to find out how many convention goers might like a bus tour across the Peace Bridge into Canada to visit some rail delights there.

Among the attractions are two rail mu-

seums in Fort Erie, Ontario, just across the Niagara River from Buffalo. Further down the road in Toronto are the Roundhouse Rail museum and the soon-to-open Little Canada. Little Canada (little-canada.ca) is a 44-thousand square foot animated model railroad display depicting iconic areas of the Canadian landscape. These, and historic Union Station are all within comfortable walking distance from other attractions such as the CN Tower, the Ripley's Aquarium, the Rogers Centre stadium, home of the Blue Jays, and of course the theatres, the dining and shopping, the Toronto Islands, and so much more.

Hamilton lies halfway between Toronto and Buffalo and a visit to their Steam and Technology Museum would also be worth a stop.

The Niagara Peninsula, which you will traverse on your way to Toronto, is home to wineries, historic Niagara on the Lake, and of course, the world-famous falls as viewed from the Canadian side.

All the above would be too much to fit into a one-day bus tour but not into a convention information kit for the registration desk. So, now that you have a year to think about it, why not plan to build some additional vacation time into your trip and give yourself two or three additional days

to sample some Canadian hospitality. There are also many fine Canadian layouts in various scales within 30 or 40 minutes of the border. A self-guided tour of some of those is also a possibility. These are all ideas we will be working on in the months ahead.

TH&B Convention Car: The CanAm convention car is an excellent and most appropriate choice. It will be a Toronto Hamilton and Buffalo 3-bay hopper car produced for us by American Models. It will be available in both scale and high rail versions. Check the NASG website often for availability as well as to link to the extensive CanAm Convention website.

Tractor Fab: The 1:64 farm model hobby is an interesting parallel to the 1:64 model railroad hobby. For a long time, it seems to two sides knew little about one another with only some Ertl farm vehicles serving as the connective tissue. That however is beginning to change to the benefit of both.

Tractor Fab offers useful photo-etched and resin products to help us super detail tractors and other rural items on our layouts. Thus, it was interesting to note that the company has recently been sold to S-scaler **Kent Loewen** in Western Canada. Kent acquired the tooling assets only, with

Convention rescheduled



Opening soon is the 44,000 square foot animated model railroad display of Canadian railroading which could be part of your 2022 convention week excursions.

all previously existing inventory sold off to dealers. He promises to bring the old products back and is looking for suggestions for new 1:64 items of use to both the farm and train hobbies.

Kent is also affiliated with **CanaDakota**, a complimentary company that produces detail parts for 1:64 semi-trailer trucks.

Check both lines out at tractorfab.com,

or contact Kent at Fab, CanaDakota, and Kent's Moore Park Model Works (laser cut styrene semi-trailer kits) can also be reached via Instagram or Facebook.

Till next time, Cheers, Eh?



#6213 at the Roundhouse Museum in Toronto.



Above is an actual Toronto, Hamilton & Buffalo three bay hopper that is the prototype for the convention car being offered.

See New Submission Deadlines on page 5



TRAINS & MORE, LLC
P.O. BOX 1751
MANCHESTER, CT 06045-1751
www.trainsmore.com

Selling American Flyer Trains & Parts since 1992
Major Credit Cards Accepted

trainsmore@aol.com 860-432-2124

Plasticville church puts on Sunday

by Joseph Kimber,
photos by Milton Leap



I have always thought the Plasticville church number 1600 (current No 1800-150) to be the perfect size for a small S scale village church. I found one on eBay with no broken corners and the cross on the steeple intact.

However, the walls have a stipple effect that appears to simulate stone. That being the case, the walls would not likely be white.

So, the first step was to remove the paper "stained glass" windows and spray the walls a light gray on both sides. Ensure that all the paper is scraped off the back of the walls.

The steeple was also given a coat of light gray. (The paint used was gray primer). After the walls had dried, they were next given a misting of flat black by holding the spray can 2-3 feet away. This gives a stipple effect as can be seen in the photos.

Practice this technique on some scrap pieces until you achieve the look you like.

After the walls thoroughly dried the window frames were painted flat black to simulate iron frames.

There remained only the front door to modify. Since this

door is molded into the wall, we decided to leave it intact, remove the paper cover, and paint it red. The door had "iron" trim molded into it which was painted flat black along with the handle and hinges.

The roof of the church is gray out of the box, though a little light for a slate roof. It received a coat of darker gray which helped.

Now to find "stained glass" to put in the windows. I planned to light the church, so I looked for translucent windows. After searching the internet, I found some windows made in England by Langley Model Decals. They should be cut larger than the window openings and glued to the back of the wall behind the openings.

I used PSA glue from Micromark to install windows. This glue remains very tacky



Light streams through the church's stained glass windows.

after it dries and does not smear the "glass".

I plan to convert all my building lighting to LED's. LED strips are now available in 12-volt single lights and 3, 6 and 9 light strips, prewired with leads.

The leads will most likely need to be extended to reach the lighting bus wires but this is not difficult. I use red/black 22 AGW zip cord for extending the leads and shrink tubing to insulate the soldered connections.

A six-light strip of warm

white LEDs was glued to the underside of the "back" roof as shown in the photo. A length of styrene tube, painted black, is glued in a corner of all my buildings to serve as a "conduit" for routing the wire.

The final task was to paint the cross on the steeple gold. This is a quick and easy way to "dress up" your Plasticville church.

Since I can no longer use my hands, the painting and assembly was done by Milton Leap, a friend I have known for 72 years. I just supervise.



LED strip lights attached to the inside of the church roof.

I suppose you noticed we are a few pages short again, since we did not receive very many submissions for this month. With such a large membership we should have a backlog of articles to publish, but do not. Thanks to all those who do contribute. If you have been thinking about sending us something, what are you waiting for? Looking forward to reading a lot of new articles.

Spring Spree provides first opportunity for in person meets

As reported by James Auliffe and Jeff Madden

Spring S Spree 2021 was held on April 30 and May 1 in the Veteran's Memorial Coliseum on the Marion County Fairgrounds in Marion, Ohio as we emerge from the Covid-19 pandemic.

Sponsored by the Central Ohio S Gaugers (www.COSG.club) with John Myers and Art Lofton as co-chairs for the show. There were 187 pre-registered with 55 walk-in attendees on Friday and 33 on Sat. One hundred and twenty-one (121) tables were rented by 33 Dealers.

Attendees could view the three layouts on the show floor. One from the COSG and two from the Pittsburgh S Gaugers provided two layouts: the hi-rail display and their modular



Central Ohio S Gaugers members displayed their layout, as well as hosting the event. Photo by Eric Hopkins

layout using standard and narrow-gauge scale track. The club is also hosting the 2022 Spring S Spree for the first time in the Pittsburgh, PA area.

Although most dealers were offering American Flyer for sale. Dave Blum of Pikesville

Models was also offering SHS/MTH products. There were a few tables with brass engines and rolling stock. Only one manufacturer, River Raisin, attended the show. Of course, there were Individuals with train items for sale.

Rob Berridge, & AF Switch Repair by Jim Klinksick.

The Spring Spree car is a rebuilt steal boxcar made by MTH in two numbers with the Bicycle® logo.

At the end of the day on Friday, there was the Pizza Party for attendees. The hospitality area offered snacks, soft drinks, & water throughout the day.

As for local attractions, the Marion Union Station Museum was open but other attractions like the President Harding Home & Memorial, or the Popcorn Museum were closed or only open from 1-4pm on weekends.

During the show, there were four silent auctions and a door prize drawing of an American Flyer Nickle Plate Flyerchief GP-7 locomotive won by Neil Strausser of Shillington, PA.

"Personally, my wife and I, coming from Wisconsin, enjoyed our first long-distance drive and overnight outing in over a year," commented Jeff

"Although there were sales, I missed out on a SHS Consolidation by waiting too long to decide I needed it," lamented James McAuliffe.

Four clinics were presented; Bridges Built from Scratch by Dana Davis, Loads for Gondolas and Flat Cars by Monty Kaufman, Cars/Trucks/Buses on The Move by

Madden. "It was such a relief to meet with old friends and eat inside a few restaurants."

The next S show is the O-S

one in Indianapolis, Indiana, on October 8 and 9, 2021. And the Fall S Fest is also going ahead as scheduled at the Four Points

Sheraton in Milwaukee, Wisconsin, on November 5-7.

The next Spree will be at the Washington County Fair-

grounds just south of Pittsburgh, PA on May 13 and 14, 2022 hosted by the Pittsburgh S Gaugers.



NASG information table being manned by (l. to r.) James McAuliffe, Promotions Chair, Len Holt and Will Holt, President (in sitting in the rear) Photo by Eric Hopkins



Dealer and NASG member Dave Blum answers a question about his sale items. Photo by Eric Hopkins



The Veterans' Coliseum provided an ample amount of space to spread out dealers tables and displays to allow for social distancing. Photo by Eric Hopkins



A Spree attendee thinks over whether he needs another car or two. Photo by Eric Hopkins



S scale PSG member R. James Whipple explains some the attributes of the scale side of S gauge to attendees. Photo by Eric Hopkins



It is not unusual to find almost any type of S gauge item for sale at a Spree. Photo by Jeff Madden



PSG had its largest contingent at a Spree ever along with both their hi-rail and scale layouts. From left to right are Roger Schneider and Gary Schutte front and second row are Larry Stroup, R. James Whipple, Bob Kestner, John Shannon, Lou Templeton, Jon Knox, Gary Forschner, Luther Stephens, Eric Hopkins, Ted Miliken, Chris Eddy, and Bill Hammond. Photo by Justin Rizer

Dirty knees leads to a solution for module club layout

by Dan Taglia, photos by author

About 10 years ago I wanted to get involved with a local train group because I had been in a train club before. I had moved to the West side of Houston and there was hardly anybody that lived in the area. After sending out some emails, I found a module club, the Houston S Gaugers.

At my first train show, I helped the guys set up the modules. The only way to get inside of the module is to get down on your hands and knees and crawl underneath one of the modules. After about 15 times of



No more ducking under to enter the inside of the club's modular layout, they only have to lift the bridge and walk in upright. The module is built in the manner of the old Erector set. It is very sturdy and only takes a half hour set up by two members.

doing this, it got incredibly old. And I always wore short pants to the shows so I can be comfortable and every time I went underneath the table my knees would rub either against the carpet or the bare floor.

Our first venue was a concrete floor that was very dirty, and you can only put so many things down to kneel on but eventually your knees hit the floor. So here I was walking around all day with dirty knees and thinking "there's got to be a better way".

Most of the people in my train club at the time were over 60 years old and if there was anybody younger than that, they were

few. I felt we all deserve and appreciate a better way to get in and out of the set up. When I went home my wife said, "tell me why that happens?" So began challenge to try to figure out how to get around this because I do not want to do it again.

I had seen lift bridges in model railroaders' layouts, and I read about them in many articles, so you do not have to duck under to get inside. With the module you do it a lot and I thought how I can incorporate that feature that somebody has built in permanently into a modular situation.

I thought about the length of the dimensions of a module. how much space would it need to have on the ends to support a bridge, how to lift the bridge, how to bring it back down and what about trains running. A million things went through my mind as to how I could pull this off.

I decided to start sketching designs for a regular length module to be incorporated in with all the others but with a lift bridge. All the other modules were wood and old and heavy and creaky. As a kid I played a lot with Legos and erector sets and those construction type things that you can build almost anything; I decided to think along those terms because the module would have to be assembled and disassembled quickly at a show.

I came across a company that deals with extruded aluminum posts, brackets, hardware, and panels that can be custom cut. Everything that you need, you can build with modular pieces that can be put together with simple tools. The name of the company is 80/20. Their motto is some-

See Dirty Knees on page 19



Dan Taglia who imagined the project of eliminating a duck-under for a club module holds the bridge in the open position so club members will easily be able to enter the inner circle.

16 NASG DISPATCH, JULY-AUGUST 2021

Lionel O-27 car hauler remarkably perfect for use with S gauge trains

by Ray Puls, photos by author

I have built a few car haulers using the Lionel O-27 car hauler chassis. These chassis are the ideal size for S gauge, measuring the width of the car it is remarkably close to the width of other S gauge rolling stock.

These are not awfully hard to find, the first one that I acquired was given to me by a friend of a friend in S, and others were purchased at swap meets or on an internet auction site all for \$20.00 or less.

These cars generally come with three levels for the cars, I removed the top-level deck and set it aside to be used for another project.

The first chassis arrived with the Lionel trucks already removed so I measured the distance from the end of the coupler on an American Flyer box car and proceeded to place an AF truck with the same coupler end distance on the Lionel chassis.

I found that I would make an adapter to fasten each AF truck to the chassis because I wanted to use the same mounting holes already on the chassis. I made the adapter out of some scrap .060" aluminum sheet.

This piece of aluminum I cut 15/16" wide and 1 5/16" long and drilled an

See Hauler on page 19.



NASG DISPATCH, JULY-AUGUST 2021 17

Explore what a trolley layout might have to offer you

by Jeffrey Madden

I was thumbing through some O scale magazines from the 1990s and early 2000s, and lo and behold there was almost always a traction column, plus traction photos and usually some ads for overhead wire equipment.

In these magazines there were manufacturers advertising for brass or cast traction items. Since O was prevalent in the '30s through the '50s, modeling traction was a natural for modelers who lived in that era. Even in the '90s many pre-baby boomers

and baby boomers gravitated to some traction.

Modeling traction allows for a smaller space often needed for home layouts. Many O clubs added traction to the larger steam-diesel layouts. And the larger bulk of O scale made it much easier to fabricate intricate overhead power lines. Maybe S would be the next best ideal size for urban trolley modeling for the same reason.

Why S traction modeling didn't catch on very much was because S as a modeling scale didn't really get started until after WWII when Gilbert American Flyer began with 3/16" scale and scale S didn't really make much of a foothold until the 1960s.

There appeared to be interest in traction during the run of the "S Gauge Herald" because of a frequent column called "Trolley

Fare." Almost all these columns were penned by Ambie Hennek, and his ideas usually involved scratch building trolley bodies.

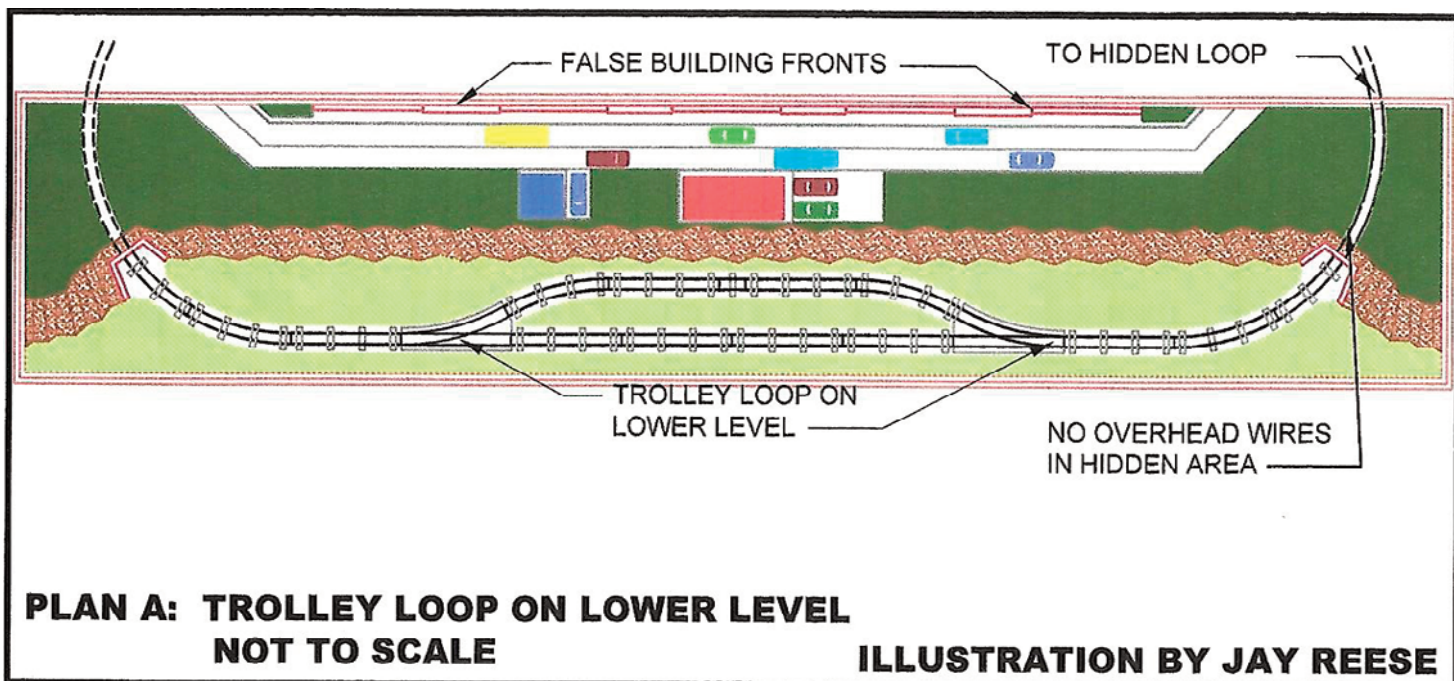
Other than Dayton in the late '40s, Ives and Pope in the '70s, hardly any streetcars or interurbans were produced, and those only came in undecorated kit form, and bodies only.

David O. King in 1981 advertised a powered S trolley, but I am not sure any were ever produced.

Putt Trains produced a small one-truck Birney that was powered, but these have been unavailable for many years.

Dick Karnes is one of the few S modelers who models overhead wiring and

See Trolley on page 25



A. Construct a short traction line at a lower level at the front of your layout with only the visible portion of the overhead wiring (dummy or powered) appearing and disappearing under the standard gauge line above. If the overhead were unpowered, the hidden loop would not need any catenary.

Change Lionel 0-27 car hauler

Continued from Page 17

11/64" hole 7/16" from one end of the adapter, I then drilled a second 11/64" hole spaced 1/2" from the first hole, this hole will be used to mount the AF truck to the adapter.

Since the adapter will swing on the Lionel chassis the second hole is counter-sunk to allow a flat-head screw to fit flush with the surface of the adapter and the AF truck mounted tight to the adapter.

The adapters with the AF trucks at-

tached then were mounted to the chassis and the car was complete other than adding the autos for a load. This is an easy project and can be done for a very reasonable cost.

As an update on these eight car auto haulers, I removed the trucks and discarded the aluminum adapter I had originally assembled to the cars. I then cut and fit some 1/8" x 1/4" pieces of Polystyrene, these were glued to the car chassis.

At this time removed part of the boss to which the Lionel trucks were mounted to make it level with the added Polystyrene

pieces.

When the glue had set, I drilled holes in the chassis for some #2 x 1/4" pan head screws. These holes were centered on the chassis and located 1 1/8" from the end of the car and the trucks were mounted to the car. The appearance of the car was much improved being lowered by .060".

One word of caution, if these cars are loaded with die cast cars as these are, you will need a good heavy locomotive to pull several them or possibly double head the train.

Dirty knees leads to duck under solution

Continued from page 16

hing like, "We are the industrial erector set".

I called them and they sent someone to meet me. You could have a design on a napkin, send it to them, give him a call and say, "this is what I want to do" and they will help you through the whole process. They are fantastic.

I came up with the dimensions that I needed and what I wanted to do and between 80/20 and myself, we were able to develop a design that would work and can be assembled and disassembled fast and easy.

I enlisted the help of one of my railroad train club friends and S gauger, Don Hand. Don and I would get together every couple of weeks or so and work out some of the bugs and what had to be done.

Not only did I have to make this mechanically sound, but I had to make it look good. I had done some basic scenery stuff on different layouts but never to any great extent. so, I found this to be a great opportunity to try my skills out on some landscaping and rock molding.

All in all, it was more like a learning experience for me and something that the club could use, we could have fun with and people could learn from it.

I model in Sn3 only and the club layout is all standard gauge. In case I ever do want to incorporate it into my train layout I would run two main lines of S scale and one line of Sn3 over the module and bridge

section. Since the club was only running standard gauge on their setup, I would just put a train on the track in front of and behind the bridge so that people at least could understand the relationship between narrow gauge and standard gauge. If the module never got used or the club disbanded, I would always have a module. I could use it with Sn3 and if I wanted to convert to dual gauge, I was ready to go.

About a year and a half ago we moved from the Houston area to Arkansas where I am now working on a permanent train layout in the hopes that someday I may be able to incorporate it because I like it so much, but the layout plans do not need it, so right now it is just sitting on the sidelines waiting for a piece of land to inherit.

The whole unit or module can be taken apart and assembled in about 1/2 hour with two people. One person can do it in 45 minutes. I have done it several times. It all fits in the back of my Sequoia, which is kind of like a suburban, without any problems. The three main pieces of the module are the two end pieces and the bridge module that the train goes over, and the base which locks it all together. The whole unit can be assembled with three Allen wrenches.

After it is completed, I realized that I did not want to have the lift bridge up and having a train come crashing through, so we wired it accordingly so that when a train approached the module when the bridge was up, it cut off the circuit and a train would stop before it went off the rails.

After it was installed at each of the train

shows everybody enjoyed using it and observing it while it was in operation. I had a lot of fun making it, even though the whole project was not inexpensive.

I have realized over the years that all modelers in all scales have some great ideas. I see too many times that one scaler does not find much interest in other scales. That is silly. I hope that modelers of all scales might find this module idea worthwhile, especially, in that it works in all scales.

Editor's Note: Hope you enjoy these types of articles and we are looking to publish more in the future. Please send us your ideas.

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
S Gaugian • S/Sn3 Modeling Guide
Sn3 Modeler

**Need an Article?
Need an article search?
We'll find it and
send you a print or lend you the magazine**
Russell M. Mobley Memorial Library
NASG, Inc.
560 Sunset Dr., Vista, CA 92081-6820
library@nasg.org

Do it yourself

Construct cement pipe loads for your gondola cars

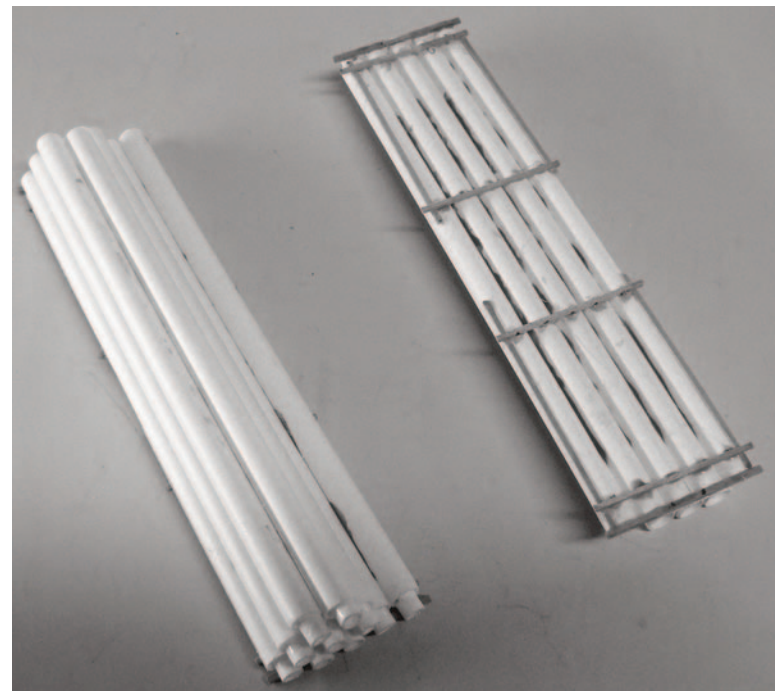
by Edwin C. Kirstatter

After looking at a picture of a B&O train with many gondolas filled with what I think were concrete pipes, with two layers of eight or more pipes in each to max out the weight capacity of these cars. I thought I could try to make one of these loads for a gondola.

Those might be 50 foot long high side gondolas in that train? My model is only 39 1/2 feet long inside of this only a 40' car. So, I will make my pipes only 36 feet long plus the nipples at one end to join them. Adjust these for the car length you have.

Using an AAR book of Rules Governing the loading of commodities on open top cars as a guide for us to make our load as accurate as possible.

To start this model load, gather up all the materials you will need to build it. Look in an Evergreen Scale Models catalog for the sizes of polystyrene tubing of an opaque white plastic that they have that we can use. Use #430 tubes for our 18" pipes



Finished pipe loads, top and bottom views.



B&O #9085 an Alco Model S-2 Diesel Switcher at MP 119.8 from the Middlebury Road Bridge over the tracks, West of Kent, Ohio, westbound along the Cuyahoga River to Akron, Ohio its terminal in 1957.

in S scale.

Anything larger will not fit in our gondolas as shown in the picture. And #429 for the nipples of about a 12 inches length cemented into the

others with Super Glue at one end only of these pipes.

You will need some Bass wood strips from Northeastern Scale Models for the spacers under these on the car floor to support these pipes and other wood for cribbing also.

Cement four spacers equally on the cars floor from side to side using 1/16" square wood of

4x4s with Goo for a contact adhesive followed by the bottom layer of pipes on these.

Do not cement these to car floor if you want to make it a removable load to run your car empty again or for another type of load.

The top layer of pipes will nest on the others below cemented together. No painting required with this color of

opaque white plastic tubing. It is close enough for the concrete pipe color. Clean off any Goo when set up that has spilled out onto the pipes and is visible.

In the picture no steel banding or other tie downs are shown. Cement our pipes together with Goo or Super Glue where it does not show.

Place 4x4 wood blocks on both ends of the bottom layer of pipes to prevent shifting. But cement these to the ends of your pipes with Super Glue so you can remove this load from the car.

And put 2x4s at sides of these pipes (1/32"x 1/16") to prevent them from rolling sideways. Then any other cribbing you might want to add as shown on the AAR Figure that is not shown in that train picture.

Finally, spray it with Testors 1260 Dullcote to kill any plastic shine.

Your pipe load model should now be ready to ride on your layout. It will only add a few ounces of weight to your car.

REFERENCES:

AAR Rules Governing the Loading of Com-

modities on Open Top Cars, Effective March 1, 1945, page 383, Fig. 191.

Photograph of a B&O Local train returning from Newton Falls, Ohio with pipes loaded in many Gondola cars.

B&O #9085 an Alco Model S-2 Diesel Switcher

at MP 119.8 from the Middlebury Road Bridge over the tracks, West of Kent, Ohio, Westbound along the Cuyahoga River to Akron, Ohio its Terminal in 1957.

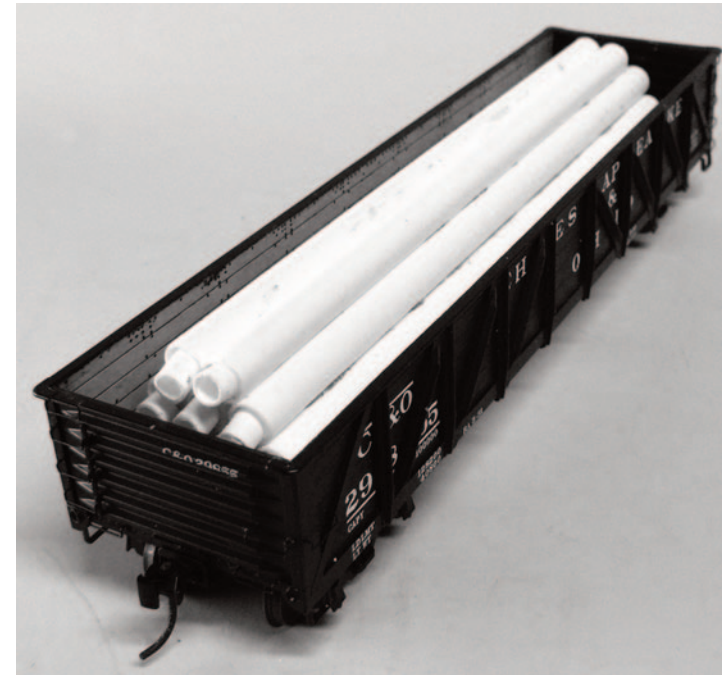
RESOURCES:

Des Plaines Hobby – SSA USRA Composite Gondola Kits.

Evergreen Scale Models – Plastic shapes, sheets & tubing.

Northeastern Scale Models – Bass wood strips.

Walthers – Goo adhesive, Super Glue, and materials.



A C & O gondola plus a load of cement pipes.

The Dispatch hopes that you are interested in more articles about loading up your gondolas or hoppers. Maybe it is one about how to change a car to scale or repaint and decal an old AF engine you rescued from a junkbox. Well, write us and send photos so we can publish your idea.

A. C. Gilbert's

American Flyer Trains

Bob Iannacone

615-614-3564

cell: 615-429-8292

biannaco@bellsouth.net

www.americanflyertrains4u.com

PORT LINES HOBBIES



"Specialists in S-Gauge Railroad"
—AMERICAN FLYER PARTS SERVICE—
ON-LINE CATALOG, OR \$8.00 BY MAIL.

6 Storeybrooke Drive Newburyport, MA 01950 (978)-465-8798

VISIT OUR WEBSITE FOR PRODUCT LINES & INVENTORIES!

CHECK OUR ONLINE INVENTORIES FOR
S-SCALE BRASS; STRUCTURE KITS; Sn2 and Sn3;
CONSIGNMENT ITEMS; USED AF; BOOKS;
LAYOUT DETAIL ITEMS; & MUCH MORE!

MANY 1:64-
SCALE VEHICLES
IN STOCK!



ENGINES,
ROLLING
STOCK, &
TRACK
FROM LI-
ONEL, MTH
and

NEW: TRACK &
TURNOUTS from
FOX VALLEY
MODELS, NOW IN
STOCK!



American Flyer Repair Service available.
Guaranteed work.

On-line Inventories of our SHS,
MTH, Am Models, "Flyonel", Used
AF, Tools, AF Parts, Electronics,
Structure Kits, 1:64 Autos, and
figures, and other S-scale supplies!



—Several track systems for
AF & Highrail S-gauge—
Check our "Track Options"
website page!



VISA, MASTERCARD, DISCOVER, AMEX, & PAYPAL ACCEPTED.

VISIT US AT: www.portlines.com

E-mail: doug@portlines.com

REMEMBERING OUR NASG MEMBERS

Former president, active modeler passes away on March 14

Rollain "Raleigh" Earl Mercier, age 83 of Somersworth, NH, passed away Sunday, March 14, 2021, after a brief illness.

Rollain was a Life Member of the NASG and served as Convention Chairman from 1972-1979, Executive Vice-President from 1979-1981 and President from 1981-1985.

He received the NASG's "Bernie Thomas" award in 1987.



Rollain was part of the "Brass Car Committee", which in 1984 oversaw the commission for Overland Models to import two-bay, rib-sided, covered hoppers, and the five tank cars imported in 1986.

In 1986, Rollain re-started the S Gauge Herald, but that effort was short-lived (through 1988). He tried again in 1994, but only a single issue was published.

He built trains to scale and created model railroad layouts with his railroad club. He loved steam locomotives and would travel hundreds of miles to see one take a run.

Fascinated with computers, he was proud to be part of the tech revolution. He became a publisher of magazines, newspapers, and documentaries.

"All American Flyer "Northeastern" cabooses can now breathe a collective sigh of relief!" Those who were attending NASG conventions in the 1980s will know what I am talking about," wrote R. James Whipple, current Executive Vice-President.

He was a veteran of the U.S. Air Force Reserves, serving during the Vietnam War and a member of the Rising Sun Masonic Lodge No. 39 in Nashua.

He is survived by his three daughters and son-in-law: Barbara Natale and her husband Thomas, Suzanne Vail of Nashua, and Mary Anne Bernard, nine grandchildren and four great-grandchildren.



"Dan" Ponzol passed away unexpectedly, he had a vast knowledge of Gilbert, Lionel American Flyer trains and how to repair

Danton "Dan" Albright Ponzol, 69, passed away at home on March 2, 2021, surrounded by his loving family.

He attended Allentown High School and later Muhlenberg College.

He received his master's degree in His-

tory from Lehigh University.

He also worked for the Bethlehem Police Department and for the Morning Call.

Danton went on to become a History Supervisor for the Pennridge High School.

He was an avid train collector and a 20-year member of NASG. He had a vast knowledge of Gilbert and Lionel American

Flyer products and how to repair them.

He was one of the original directors for the Allentown Train Meet Association.

He is the author of the book "Lionel: A Century of Timeless Toy Trains."

Danton is survived by his wife, Kimberly of 35 years; sons, Dante Alexander, Danton Alastair, and Daniel Ponzol.

Long time NASG member, interested in anything mechanical, Robert Greengrove passes away at home in Nutley, NJ

Robert Greengrove, 91, passed away peacefully at his home in Nutley on April 13 surrounded by loved ones.

Robert is survived by his wife Carol; his four daughters Cheryl (Lin), Robin, Wendy, and Amy (Bill) Gripp; and seven grandchildren Alexandria, Kyle, Ian, Kelsey, Erika, Cara, and Anna.

As a youth he worked at the family business, Pro Lumber & Hardware, in

Belleville, NJ. There he developed his love of mechanics and tinkering which led to a mechanical engineering degree from Stevens Institute of Technology.

He worked as a mechanical engineer for several years before delving into the fascinating world of computer programming. He ended his career as the IT Manager at Micro Stamping Corp in Bound Brook, NJ.

Robert and his wife purchased a Vic-

torian house in Nutley, which they renovated room by room over the next 60 years.

Always interested in machines, especially trains, Robert spent his retirement creating an intricate model train layout that encompassed the entire basement of his home.



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 Richard Caugherty, Editor, 714 Twin Oak Drive, Pittsburgh, PA 15235. Please be sure to include your member number. Ads will run for three consecutive issues unless told to stop.

FOR SALE

FOR SALE: AF #15 Directonic Rectifier \$25, AF Work Car \$25, AF HO Train #5318 New York Central includes track, caboose, track car, wheel car, engine (does not run) \$20, AF NTTM Work Train: Combine #6-48240 \$65, Gondola #6-48230 \$45, Box Car #6-48234 \$50, Caboose #6-48247 \$60, Flat Car #6-48226 \$42, Tank Car #6-48223 \$39. Buy entire Work Train \$245. Your address needed to calculate shipping. Robert E. Hartzell, Phone **610-799-2470**

FOR SALE: DSL Shop Building Kits, #S101 Halsted Hobbies \$40.00, #S102 Pershing Bakery/Signs \$40.00, #S102 Pershing Bakery / No Signs \$35.00, #S103 Davis Drugs \$50.00, #S105 AI's Body Shop \$35.00, #S107 Dine Store \$65.00, #S203 One Car Garage \$15.00, Buy one or all. Postage will be actual cost to your Zip Code. Contract **John Royal at 508-285-7896 or E-Mail: royaltrainequip@hotmail.com**

FOR SALE: Grandson moving from O to S gauge. Like-new Lionel 6-32936 Pennsy flyer 4-4-2 steam logo with smoke, traction tires, 7 like-new freight

FOR SALE

cars (included 2 cabooses) circle of track, new CW-80 80 watt transformer, also tunnel, oil tower, church, and # 356 Lionel Freight Station in original box. all for \$265 and postage, or can pick up. Don Heimburger, **don@heimburger-house.com or 708-771-2468**

FOR SALE: CSX Cabooses 20.00 (bay window), NIB Xmas Box Cars 30.00, NIB (easy to repaint) Cylindrical Grain Hopper 50.00, 1950s-60s Motive Power 50.00 All include shipping, **Call Roger 507-676-0665**

FOR SALE: Overstock of American Flyer and S scale cars, locos, structures, misc. No lists, can make appointment to visit and see items. Don Heimburger, 708-771-2468, **don@heimburger-house.com**

FOR SALE: Reducing my collection/accumulation at age 75. Included scale, AF and Bachmann On30. Priced to sell. Email: **gmheugene@gmail.com** for an updated list. Mostly freight cars, but the first engine offered is American Models GP-35 decorated for National Railways of Mexico.

WANTED

WANTED: S Scale river Raisin Orange Burro Crane, Putt Trains 4 Wheel Diesel Switcher #55 Blue & #56 Yellow, Putt trains #41 Yellow Shaker Heights Trolley car. Putt Trains #23 North Shore Line Trolley car. SH s #01736 NW-2 B-B (Chinese Red) Diesel Switcher. **James Wright 218-780-4691**

WANTED: Lionel AF 6-47998 Santa Fe Alco PA A-A NIB (2017 AF Catalog), Lionel AF 6-48136 Santa Fe Alco PA B Unit NIB (Classic Trains Catalog v2 2004), American Models or SHE S-Helper Engines in C&NW in DC Hi-Rail or Scale **312 772-5018 Leave message and your email address.**

WANTED: Pigmeats Electric Remote control switches. Contact **Bill Pyper by e-mail: rrbill39@gmail.com**

WANTED: American Models SD60 Locomotives Iron Rail Models, "Beer Can" Style Tank Cars, Orange Burro Crane, Rusti Downs Tank Cars, Terry Putt Industrial Switchers, SHS 01736 CB&Q Diesel Switcher SHS 00537 5 Car Set, Jim Wright **218-780-4691 or aflyer69@gmail.com**

Wanted: Advertising Manager

The Dispatch is seeking someone to be in charge of advertising for the magazine. The volunteer position requires you to solicit ads and keep track of in what issues ads are to run. A background in advertising and/or marketing would be helpful, but not necessary.

Please send you qualifications to Richard Caugherty, editor at this email address: dispatch@nasg.org

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 can print it in a timely manner.

DUE TO THE COVID-19 PANDEMIC PLEASE BE AWARE THAT EVENTS LISTED HERE MAY BE CANCELLED OR RESCHEDULED. CHECK THE INDIVIDUAL WEB SITES FOR INFORMATION.

2021 TRAIN SHOW UPDATES

Train Shows Inc. has closed permanently. Operation of The Great Train Show, Greenberg Train and Toy Show, Great Mid-west Train Show and The World's Greatest Hobby on Tour Show has been taken over by a new organization. To see what shows are planned visit www.TrainShow.com for details. **August 7 through 28, 2021** □ **Online Idaho Rails 2021 The Pacific Northwest Region NMRA Annual Convention** is hosted by the Third Division. Because of the ongoing COVID-19 restrictions, the PNR Board of Directors has opted for a virtual convention. The convention dates are August 7, 14, 21 and 28. Web site can be reached at sites.google.com/view/3rddivisionpacificnorthwestreg

September 8 through 11, 2021 □ **Irvine, California**

ORANGE BLOSSOM SPECIAL □ Pacific Southwest

Region NMRA 2021 Convention will take place at The Hilton Irvine/Orange County Airport Hotel. We will offer layout tours, ops sessions, prototype tours, contest room, as well as many clinics postponed from the Van Nuys Local 2020. The Full Fare price of \$125 includes: Welcome Reception, General Member-ship Meeting (with continental breakfast), Hobo Auction, Swap Meet, and Awards Banquet. There will also be several non-rail activities for guests looking to take in all that Southern California has to offer. More info at www.PSRConvention.org

September 9 through 12, 2021 □ **Greenville, S. Carolina**

SWAMP RABBIT EXPRESS presented by the Palmetto. Division NMRA at the Hilton Hotel, 45 West Orchard Park Drive, www.swamprabbitexpress.org

September 26, 2021 □ **Lindenhurst, New York Northern Spur Model Train, Diecast Vehicles & Toy Meet.** Firemen's Memorial Park, 555 Heiling Blvd. (north off Hartford St.) 8:30 am to 1 pm. \$5 adults, under 16 free w/adult. Handicap accessible. Contact: Carmelo Sancetta. P.O. Box 1286M. Bay Shore, NY 11706. 631-666-6855

October 2 and 3, 2021 □ **Cartersville, Georgia**
The **PIEDMONT DIVISION NMRA MODEL TRAIN**

Extra Board

ARTICLES OF INTEREST TO S GAUGERS IN OTHER PUBLICATIONS

S-SCALE DRAWINGS and photographs of an **NAXT Liquid Phosphate Tank Car** fill four pages of the February 2021 **Railroad Model Craftsman**. These drawings and photographs would be an excellent guide for anyone wanting model this rare tank car.

TRAIN RIGHT OUT OF HISTORY in the May 2021 issue of **Classic Toy Trains** tells the story of how **American Flyer's Frontiersman** set was "sold with executive style." 3-page story and seven photos by Richard L. Trotter.

Seeing forever on an S gauge masterpiece appears in the March 2021 issue of **Classic Toy Trains**. Written by **Roger Carp** and photographed by **William Bramlage**, with a layout drawing by **Kellie Jaeger**, it tells the story of **Michael Mitter's** extensive 25'x 30' S gauge layout.

Blending roads into backdrops is an excellent article in the February 2021 issue of **Model Railroader**. Authored and photographed by **Gregg Condon**, it describes ways to realistically continue your roads into the distance.

SHOW at the Clarence Brown Convention Center, 5450 GA Highway 20. Saturday 10 am to 5 pm; Sunday 10 am to 4 pm. Tickets: \$9 per adult, under 10 years free! **FREE PARKING.** Hotel available next door. Six operating layouts to enjoy, 150.

tables of model train dealers, □ White elephant □ tables, raffle layout. www.piedmont-div.org

October 6 through 10, 2021 □ **Tulsa, Oklahoma**

The 2021 TULSA UNION CONVENTION Check out our web site at www.2021TulsaUnion.com. The convention venue is the Embassy Suites-Tulsa, 3332 South 79th East Ave. Early registration of \$60 is available through July 1. The convention will offer operating sessions, layout tours, contest room, 20 clinics plus □ non rail □ activities. The 2021 Tulsa Union Convention is a joint production of the Indian Nations Division, Mid-Continent Region and Lone Star Region.

October 8 through 10, 2021 □ **Indianapolis, Indiana O & S SCALE MIDWEST SHOW** Enjoy the O and S

Scale Midwest Show. This is a 2-rail O scale and S scale show; but 3-rail and hi-rail modelers and collectors are invited to attend. Details at www.oscalemidwest.com/ Email: info@oscalemidwest.com

October 21 through 24, 2021 □ **Hunt Valley, Maryland**

MOUNT CLARE JUNCTION MODEL RAILROAD

CONVENTION hosted by the Chesapeake Division NMRA. Spend the long Weekend engaged in clinics, hands-on events, operating sessions, local layout, and prototype tours. Stay for the banquet and help us celebrate the

MER's 75th anniversary. The host venue, Delta Hunt Valley, 245 Shawan Road, has allocated 17,000 sq ft of convention space for us to spread out and enjoy the hobby. Visit www.mtclarejct.com or contact the convention committee at info@mtclarejct.com for more details. **November 5 through 7, 2021** □ **Milwaukee, Wisconsin**

FALL S FEST sponsored by the Badgerland S Gaugers will be held at the Four Points by Sheridan Hotel, 5311 S. Howell. Details at www.trainweb.org/bsg/org/events/sfest.htm

From GOAT to KING — American Flyer Breaks the Power Barrier! tells the story of American Flyer set number 20460, the longest set produced by the A. C. Gilbert Co. in the post-war era. Authored by **Don Heimburger**, former publisher of the S Gaugian magazine, this history appears in the February 2021 issue of **Classic Toy Trains**.

INTRODUCTION TO 3D PRINTING by **Brian Pickering** is in the January 2021 issue of **Railroad Model Craftsman**. This six-page article is illustrated with eleven photos by the author and is billed as Part 1.

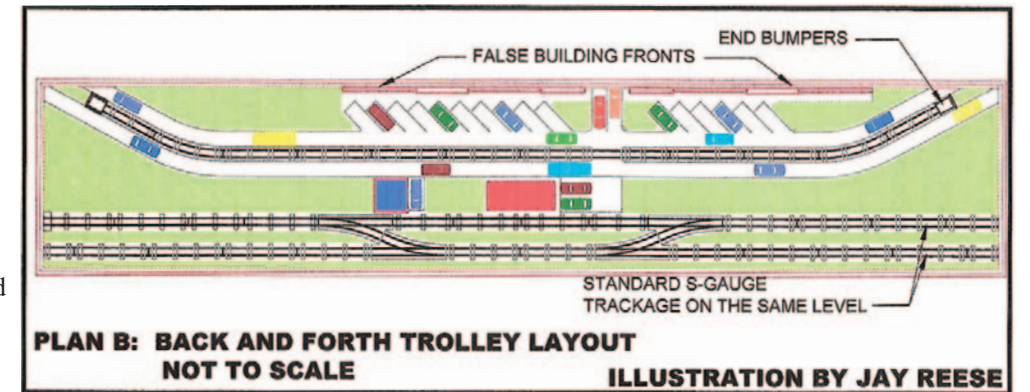
SCRATCHBUILT HARDWARE STORE IN S by **Dale Smith** appears in the December 2020 edition of **Railroad Model Craftsman**. Six pages are copiously illustrated with 23 step-by-step photos by the author. Lots of good advice about what materials, tools, and methods to use. An excellent article for a scratch building novice.

BROOKS STOVER, frequent contributor to *The Dispatch*, and the best layout photographer that I have seen, has published **Creating BETTER LAYOUT PHOTOS** in the January 2021 edition of **Model Railroader**. This is a must read if you want to produce first class pictures of your layout.

Explore trolley ideas

various traction motive power. The late Ed Davis modeled urban transit with outside 3rd rail – but no catenary.

KND Enterprises in Pennsylvania makes resin kits for an interurban, various freight and express motorcars, a 67-ton B-B boxcab and even a snow sweeper. More interurbans and double-ended PCC car can be found on Shapeways and powered with



B. There is always the idea of the short, straight-line trolley line through a street area that is controlled by automatic reversing.

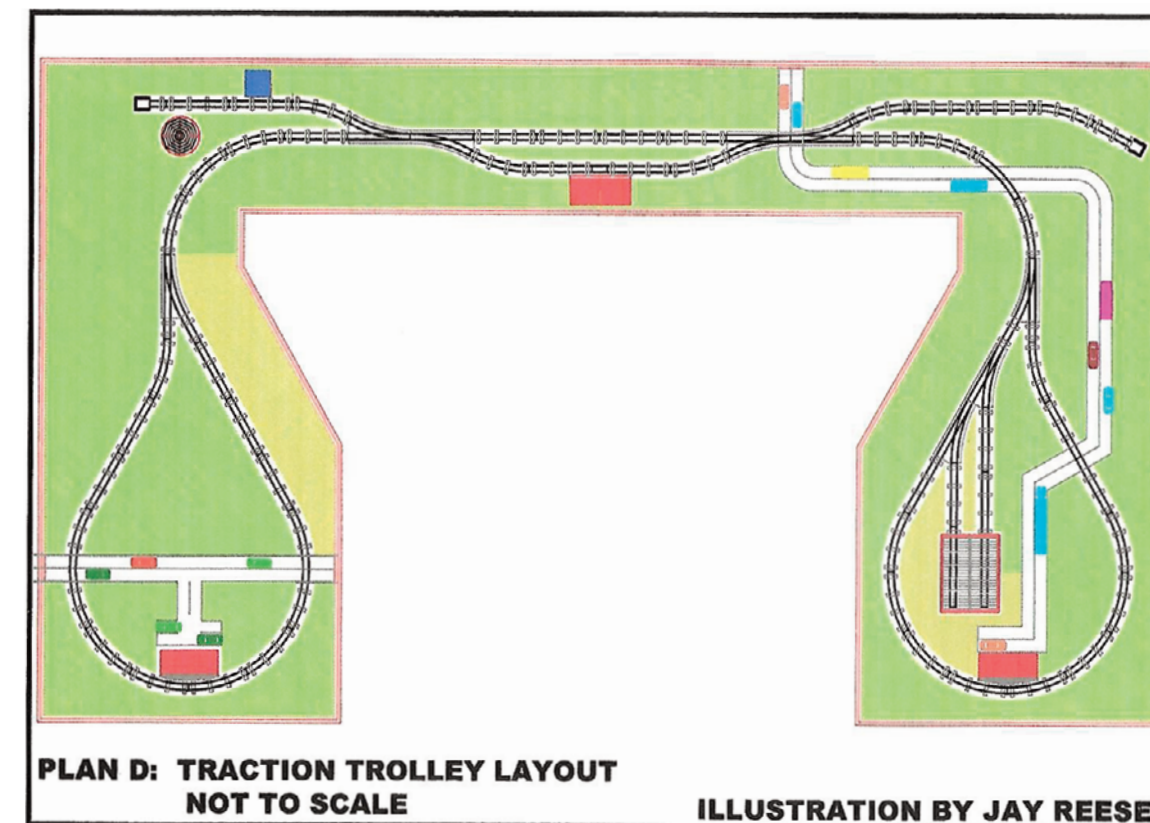
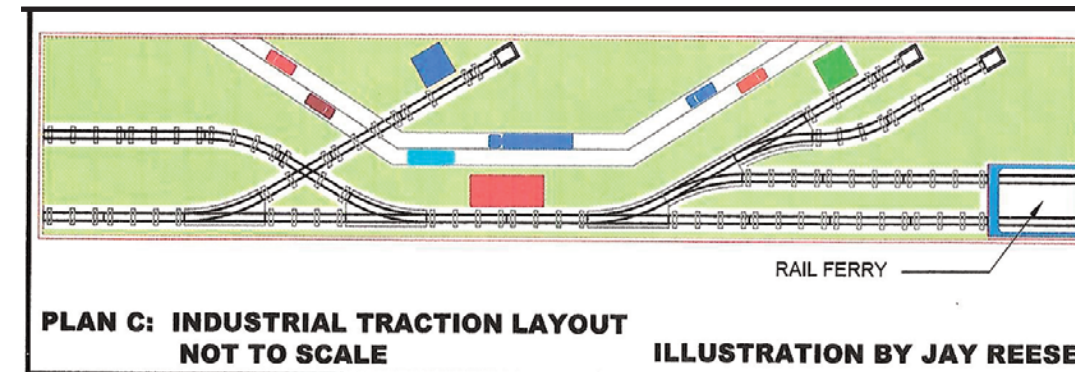
Northwest Short Line Stanton drives.

There really are some "light rail" lines in cities making a comeback for tracks in streets. Of course, there are many traction

tourist lines around if you want to experience traction firsthand.

And those modeling more modern times in S could include a trolley museum on their layout. Trolley modeling could be a nice addition to modular club layouts as well.

C. You could also create a small industrial traction area with maybe a wharf. You might need a steeplecab or boxcab freight interurban for this situation.



D. And, if you really love traction, you could go all the way and build a traction layout, which, because of smaller radii needed, could be built in a smaller space than any other type of S layout.

Editor's Note:

If you are enjoying this article and have similar ideas for layout designs, please forward them to *The Dispatch* and hopefully we will be able to share your ideas with other modelers.

You never know what you find until you look

The final picture is one I took up in the AC tower. A Station Association member named George Detwiler is on the left. They have the tower set up with all the levers at controls that would have been used to operate switches and signals in the zone controlled by tower AC. This is all set up to simulate actual tower operation. George is explaining schematics that are laid out on the flat covers for the

ment to our PSG members Chris Eddy and Jim Whipple.



Announcing the 2021 NASG Annual Member Car

We are happy to announce that our 2021 annual car for NASG members only will be a PS-2CD 4427 3-bay Covered Hopper in a GE Railcar Services /TLDX scheme called "Gold Kist – Atlanta, Georgia."



We have again contracted American Models to provide another high-quality model. This will be in the original gold-colored sides and black ends. It will be available for \$68 inclusive of shipping in two road numbers and in either scale or high rail/AF compatible versions.

We are expecting delivery in July.

To order: go to the NASG Store at www.nasg.org/store and go to the Annual Member Car page.

2020 Annual Member Car

We are down to a small remaining inventory of the 2020 MNS 50' boxcar. **To order: go to the NASG Store at www.nasg.org/store and go to the Annual Car page.**



CLUB CARS FOR SALE

ANY MEMBER CLUB with special edition cars from conventions or fests can advertise them here for no charge. Send a hi-res jpeg photo and information to dispatch@nasg.org

North Florida Div. of Atlantic Coast S Gaugers is offering Lionel AF boxcar in Florida's colors to support North Florida ACSG. \$100/SH included or \$80 @ a train show. Check to Larry Shughart, 5216 Lourcey Road, Jacksonville, FL 32257

2019 NASG CONVENTION BOX CAR featured the US Playing Card Co. Bicycle logo. The white bodies/blue roofs display the red logo #1985 & red roof displays the blue logo #2019. Hi-rail & scale available for \$70 plus shipping. Visit www.COSG.Club for info and order form or call COSG 614-766-9033

S FEST 2018 ILLINOIS CENTRAL REEFERS AND GONDOLAS CASG offers yellow and orange reefers for \$57 yellow & \$75 orange (only 32 produced) each in 2 different Specify hi-rail or scale. Contact Leigh Maginniss, 314 S. Drury Lane, Arlington Heights, IL 60004

SOHIO TANK CAR These Lionel American Flyer cars sell for \$70 including shipping. Make checks payable to SCSGC, mail to Jeff Kruger, 1865 Nottingham Lane, San Dimas, CA 91773-3718

BURLINGTON REEFERS StateTRACK & line S-Gaugers have reefers for \$65 including shipping. To order make checks payable to SLSG, mail to Tom Behles, 15804 O'Brien Rd., Harvard, IL 60033

2017 CONVENTION CARS AND TRAILERS TOFC \$60 each, TRAILERS \$20 each Shipping: \$11 1st item, \$4 each additional item. **BALTIMORE AREA AF CLUB** has TOFC & trailers B&O #2017 in scale, B&O #9523 in hi-rail & scale, WM #18898 & #2411 in scale & hi-rail. Extra trailers available. <http://baltimoreamericanflyerclub.org/wp-content/uploads/2017-CarForm5R-1.pdf> Order from BAAFC, c/o Kyle Russell, 4146 U Way, Harve de Grace, MD 21078

Golden Gate American Flyer Club has a Deep Rock tank 2 car set for \$159.95 + \$15 shipping. Checks payable to GGAF, send to Paul Guargaglia, P.O. Box 4054, Foster City, CA 94404-

2012 S FEST SOO LINE CONDOLAS in limited supply with loads @ \$40 ea. + shipping \$10 first car, each add. \$4. Loads avail. in 3 colors Hi-rail or Scale. #2012 or 67491 **2016 S FEST SPRECHER REEFERS** limited supply \$55 for Hi-rail, \$60 for Scale. Shipping \$10 first car and Each add. \$4. # 2016 or 20025. Call 414-421-8512 or rons48tblue@gmail.com



COMPANY STORE

FOR SALE TO THE GENERAL PUBLIC

NMRA Sn3 TRACK AND WHEEL GAUGE \$7 members
NASG S-3, S-4 TRACK & WHEEL GAUGE \$7 and 2 for \$12
#802 and #5 KADEE COUPLER HEIGHT GAUGE Measures car on track proper 17/32" height. \$6 each
S SCALE CLEARANCE GAUGE \$7 members \$9 non-members
REFRIGERATOR MAGNET 50TH ANNIVERSARY LOGO \$4 each
CLASSIC ERA
MODERN ERA

FOR SALE TO NASG MEMBERS ONLY

NASG LAPEL PIN 3/4 diameter \$5
NASG CAP \$19 Tan & blue denim with color logo
NASG T-SHIRT \$15 2X \$18 ash gray with blue logo
NASG GOLF SHIRT \$29 2X \$33 dark blue w/pocket yellow logo
EMBROIDERED PATCH \$4 2 3/8" diameter

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: Shane Lambert, 2091 Vining Drive, Unit D, Woodbury, MN 55125
IMPORTANT: Be sure to include your member number, quantity desired and sizes. **PRICES include shipping to anywhere in the continental US.** All shipping is by US Mail. For shipping outside the US contact the Company Store. **Wisconsin residents** please include appropriate sales tax and county of residence. If you have questions contact Storekeeper Shane Lambert 651-689-3206 or e-mail to companystore@nasg.org
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.

2019 American Flyer Commemorative Car \$69.00

includes domestic shipping. Since 1981 NASG has contracted with Lionel to produce a limited-run car so a caboose represents the end of the line. **NOT PART OF SALE**



2017 and 2018 American Flyer Commemorative Cars \$69.00 each or two for \$130.00

2016 American Flyer Commemorative Car \$79.00
 A CNW flatcar loaded with pallets. Extra pallets 4 for \$10.00.

NASG CAR DISCOUNT SALE

ALL CARS ON THIS PAGE EXCEPT THE 2019 CABOOSE ARE PRICED AS FOLLOWS
 Buy five or more cars — Take 30% off
 Buy four cars — Take 25% off
 Buy three cars — Take 20% off
 Buy two cars — Take 15% off
 Buy one car — Take 10% off

2015 Convention Car \$68.00 hi-rail only
 Kansas City Southern PS2 hopper car by MTH Numbers 286707 or 286815

2015 AF Commemorative Car \$69.00 Lionel BNSF waffle sided boxcar

Please check the NASG website for the most up to date information on car availability since some may sell out by the time The Dispatch is printed.

2010 Jenney Gasoline Triple Dome Tank Car \$75.00 by Lionel road number 2910



2006 General Electric Crane Car \$70.00
2007 General Electric Boom Car \$52.00
BOTH CARS ONLY \$115.00

TO ORDER THESE CARS

Make payment out to NASG and mail to:
 Clay Buckage, American Flyer Commemorative Car Project,
 685 Barlett Court, Brentwood, CA 94513-6205
 925-679-4887
 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.
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 Clay Buckage at clay@da-vestnt.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.

New items 2020

www.americanmodels.com



Milwaukee Road GP9



Milwaukee Road S12



Lehigh Valley S12



Lehigh Valley RS3



Burlington Northern Santa Fe.. GP-35



CSX GP-35



Toledo Peoria & Western
3 bay coal Hopper.



Toledo Peoria & Western
40' AAR Box car



USRA Pacific 4-6-2 die cast locomotive with die cast Vanderbilt tender.

Coming Soon: Our new Pacific with new USRA cab.
Order now for scale, DC HR or AC HR engines with or without sound.
All engines come with smoke and choo choo sound.
We will print any road name on tender and cab. DC versions \$499.95.

American Models
11770 Green Oak Indust. Dr
Whitmore Lake, MI 48189
Phone: 734-449-1100