



Volume 6, Number 3

March 2022

The NMRA's **Turntable** is a monthly publication which, like a railroad turntable, will lead you in several directions on the internet.

This e-publication is a collection of railroad and model railroad videos, podcasts, websites, and/or other information freely available on the internet that we think may be of interest to you. The NMRA claims no ownership of this information, nor do we endorse its creators or their websites. The *NMRA Turntable* will not promote individuals or their for-profit ventures.

OO Scale 3D Printed Station Building



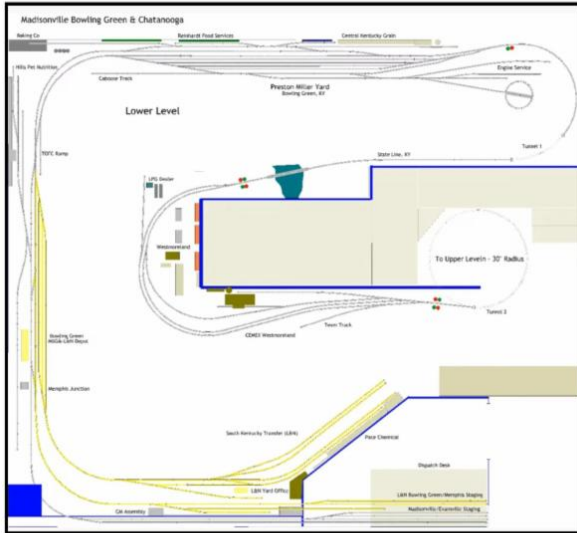
3D Printed Station Building

The presenter's Model Railway Station platform has looked very bare and

adding a station building was something that had been on his projects list for quite some time.

Bewdley on the Severn Valley Railway was the inspiration for the project and so we set off to 3D model and print the building.

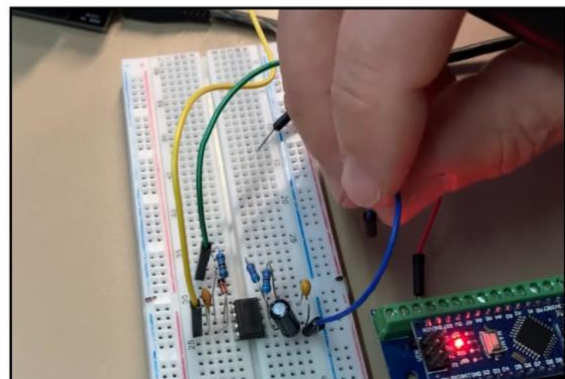
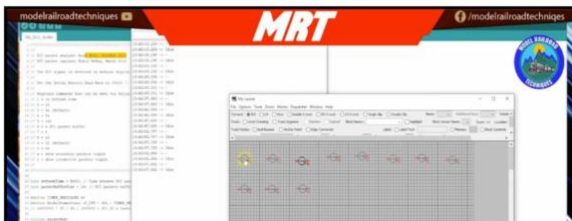
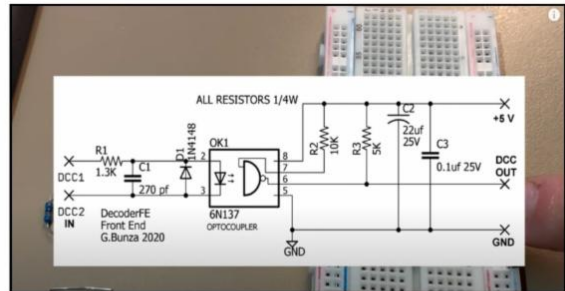
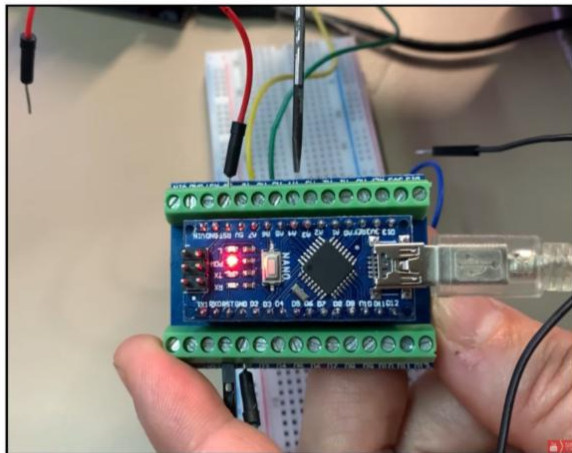
Operations on the Madisonville Sub

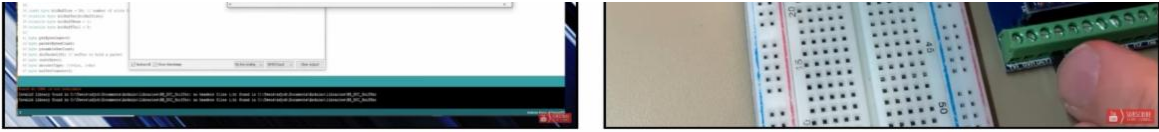


Operations on the Madisonville Sub

Mixed train and passenger train operations on the Madisonville Sub.

Build a Digital Command Control Interface





Build a DCC Interface

Model Railroad Techniques shows you how to build a Digital Command Control Interface for use with their Arduino Project.

This interface was designed by Geoff Bunza and is designed to interface with your Digital Command Control Station and Arduino for cheap accessory decoders etc.

Gravity vs Siphon Airbrush

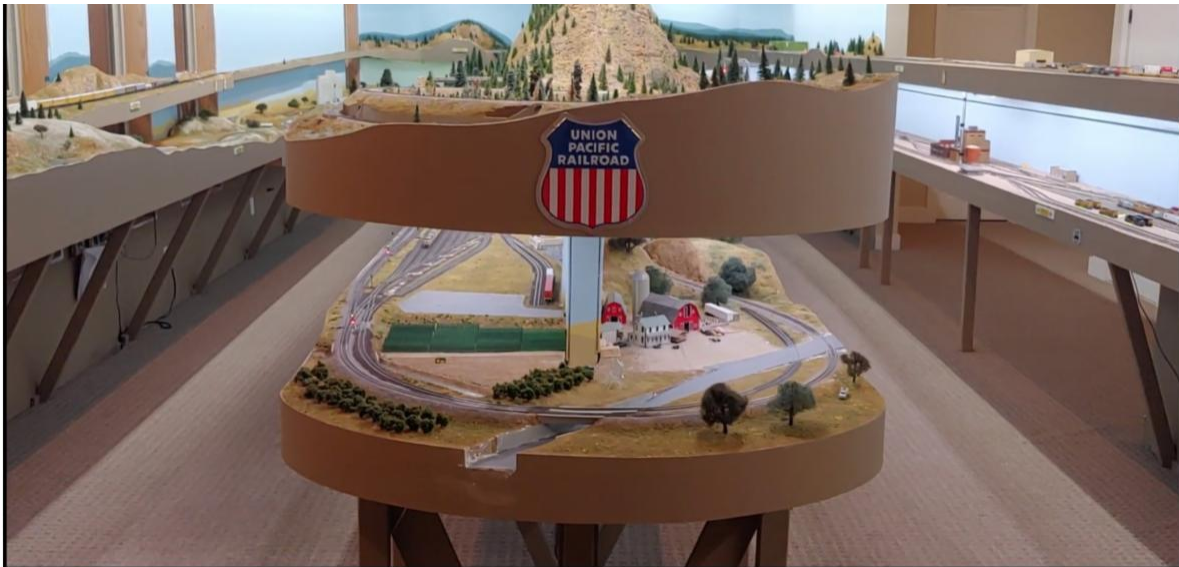


Gravity vs Siphon Airbrush

In this video, Airbrush Asylum discusses the Pros and Cons between a gravity vs a siphon feed Airbrush. Which Airbrush is best for you? The two Airbrushes that are showcased here are the HPCS Iwata Eclipse (gravity feed) and the Sagola XTECH 500 (Siphon feed).

N Scale Feather River Route





Feather River Route

March 8, 2022, marks the 25th anniversary of Mark Bridgewater's Feather River Route, a modern Union Pacific N scale layout that has been moved and rebuilt 3 times in two cities. Thanks to modular construction, he was able to rearrange the modules to match each of the different room configurations. The scenery is now mostly complete, so he is starting to build structures and detail various scenes to photograph, to ultimately submit articles to magazines. He also continues to operate the layout with full signaling and a dispatcher.



March Model Railroad Madness
Narrow Gauge Tour on Sale thru March 31st
 Check the Website for NEW Lower Price

Gateway 2022
 NMRA National Convention
 August 7-13, 2022
 Marriott Grand, St. Louis, MO
 Information/Registration at gateway2022.org

<p>Bus Tour 8:00 AM - 5:00 PM Travel time is two hours. One of the layouts is located in the basement of a well stock hobby shop. A box lunch is included with the tour price. Chuck McCabe, CD&H Railway Dr. Richard Morgan, Franklin & South Manchester Bill Whittington, Franklin County in Southern Illinois Greg Kimmel, Freelanced HO Scale Layout</p> <hr/> <p>L4021 - Mark Twain Zephyr Bus Tour 1:00 PM - 5:00 PM Eric Brooman, Utah Belt Joe Visittine, East Bluff Terminal</p> <hr/> <p>Thursday August 11, 2022 L5022 - General Pershing Zephyr Bus Tour 8:00 AM - 12:30 PM</p>	<p>Layout Descriptions</p> <p>Layout Photos</p> <p>Layout Bus Tours</p> <p>Prototype Tour Info</p> <p>Prototype Tours</p> <p>Self Drive Tours</p> <p>Modeling With Master</p> <p>Clinic Schedule</p>	<p>Monday August 8, 2022 P2027 - National Transportation Museum Bus Tour 8:30 AM - 1:00 PM National Transportation Museum</p> <hr/> <p>Tuesday August 9, 2022 P3028 - Port Harbor Railroad Bus Tour 9:00 AM - 11:00 AM Port Harbor Railroad TRRA Madison Yard</p> <hr/> <p>P3029 - Amsted Rail Bus Tour 12:30 PM - 3:30 PM</p>
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The clinic schedule is constantly evolving, keep checking back for updates.							
August 8, Monday							
Room	8:00 AM	9:30 AM	11:00 AM	1:00 PM	2:30 PM	4:00 PM	5:30 PM
A		Steve Davis	Dave Lutz	John Lawrence	Marty Wright		Dave Lutz
		Leland Clough for Operations	Mockups from Technical Materials	Setting the Scene	Modeling the Old Chief People (Diagrams, Photos & Paintings)		
B	Healy Subdivision	Gary Rastner		Steven Thomas	Linda Eaton	Dean Smith	Dean Smith
	Trains & Trackage of St. Louis	A Railroad's Investment in Materials & Equipment (Signal, Crossover)	Trains & Trackage of St. Louis	Trains & Trackage of St. Louis	Trains & Trackage of St. Louis	Trains & Trackage of St. Louis	Trains & Trackage of St. Louis

Partner Activities

Merchandise

Banquet

Contest

Contacts

Tuesday August 9, 2022

S3043 - Narrow Gauge Tour
9:00 AM - 5:00 PM

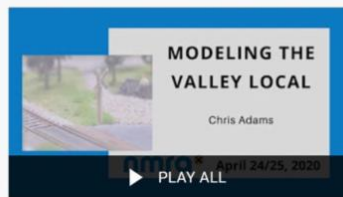
Richard Rands, The Mineral & Southfork Railway
Bob Lenz, Colorado Western Railroad and Aspen Junction Railroad
Pete Smith MMR, Loon Lake Railway and Navigation Company
Jerry McCormac
Herb Koeing, Cordite and Flat River
Randy Meyer, Canyon & Rocky Mountain Railroad

Gateway 2022 National Convention

The **Gateway 2022** NMRA National Convention crew continues to update their list of clinics that you can attend during the convention.








New to their website are listings of Layout Bus Tours, Self-Driving Layout Tours, and Prototype Tours that you can sign up for at the convention on their website.

NMRAX Video Clinics on YouTube



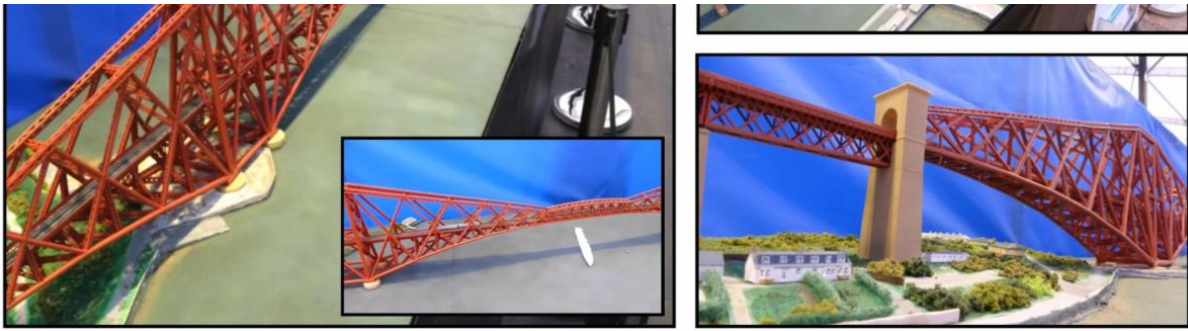
Our NMRA-X channel on YouTube contains over 170 model railroad clinics that were shown at past NMRAX events.

Shown at right are just a few of the many clinics that are available to be viewed by you!

- 157  Gerry Hopkins MMR Scenery Clinic For Beginners
NMRA ORG
- 158  Jeff Gerow LCC A Better Way To Move Points
NMRA ORG
- 159  Joey Guinto Carving Rocks From Foam Part 2 Adding Color and Foliage
NMRA ORG
- 160  Patrick Grace A Day In The Life Of My Layout Rev1
NMRA ORG
- 161  Pete Leach MMR The Wiscasset Waterville & Farmington In On30
NMRA ORG
- 162  Richard Sieben Operations Car Floats On Chicago River
NMRA ORG
- 163  Dave Ackmann - 2 and a half D CAD using PowerPoint
NMRA ORG

T-Gauge Firth of Forth Railway Bridge





T-Gauge 1:450 Scale Railway Diorama

The first outing of "The Bridge," a T-Gauge model railway layout, was shown at the Great Central Railway in June of 2016. At a scale of 1:450 T-Gauge is the smallest commercially available scale model railway in the WORLD!

Building a 3' x 5' N Scale Layout

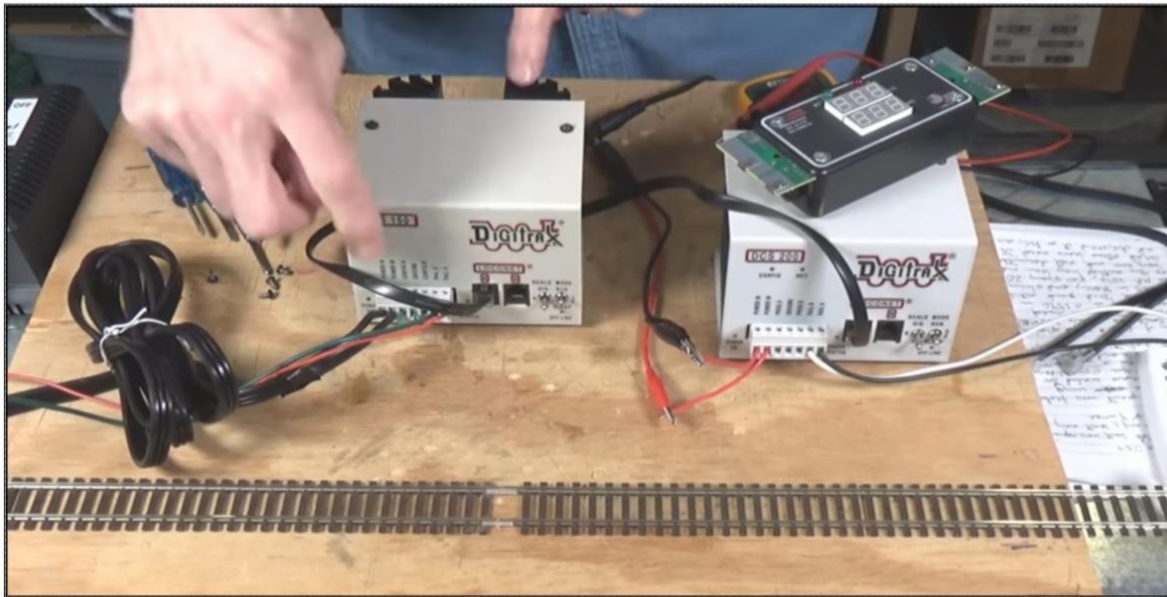


Building a 3' x 5' N Scale Layout

This is a compilation of a 4-part series on building this 3.5' x 5.5' N scale layout. Steve's Trains has condensed down the total watch time which

now puts all four parts into a single video presentation.

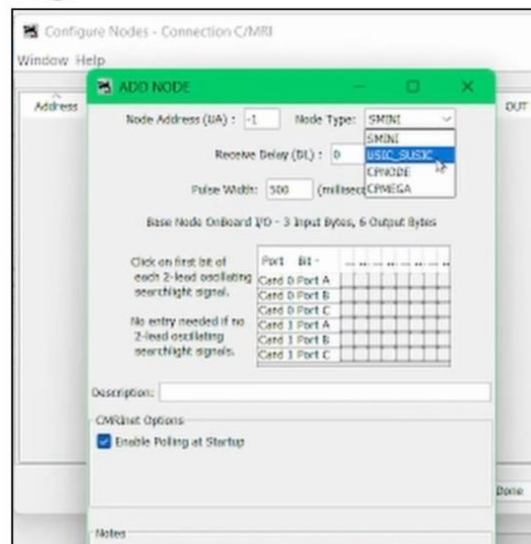
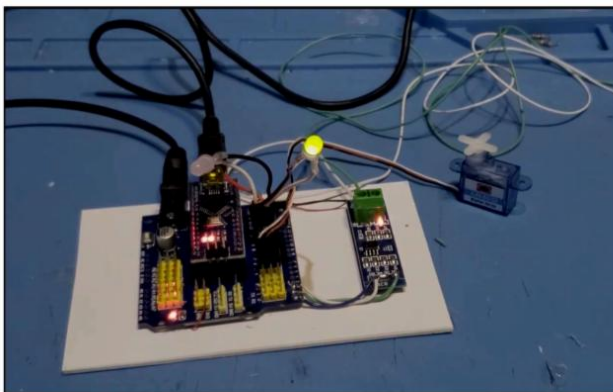
Don't Burn Wires or Blow Boosters

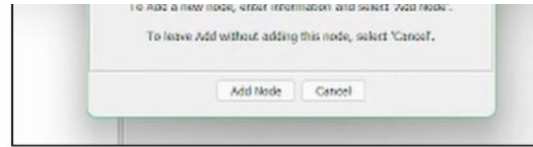


Don't Burn Wires or Blow Boosters

Everything can be fine with DCC until you need to add a booster to run more locos and trains on your layout. However, once you break your layout into separate blocks and connect the second booster the sparks can fly if it's not done right. In this video, Larry Puckett will show you how you can make your power expansion safe and trouble-free and keep the magic smoke where it needs to be.

CMRI & JMRI Servos using an Arduino Nano

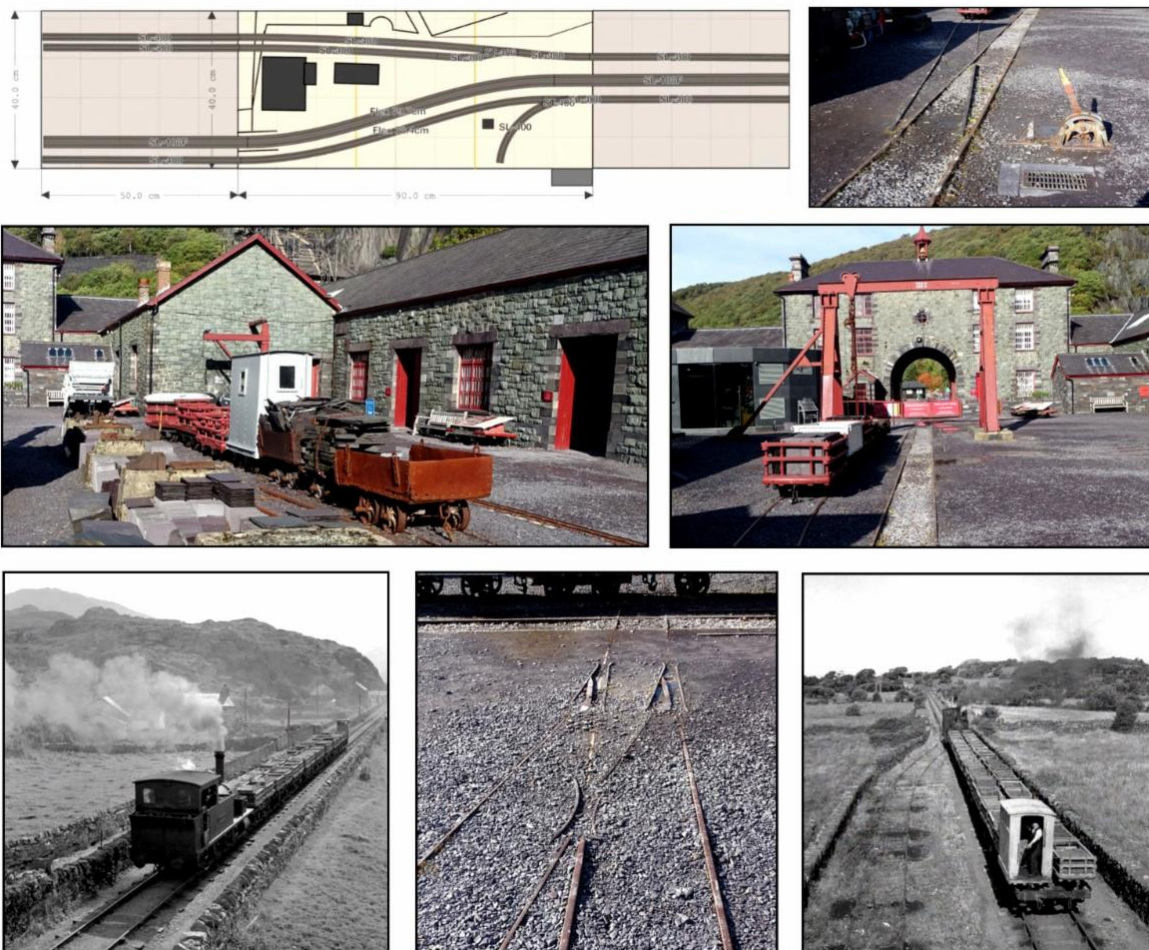




CMRI & JMRI Servos using an Arduino Nano

This is the second video in the (C/MRI / JMRI) series, Lawrence Eggering shows how to have control of 4 servos and 2 LEDs per servo using C/MRI and JMRI.

Scenery Stream—Port Dinorwic



Kathy Millatt, MMR® Changes Course

Kathy is starting a new project - a small model railway set in the old slate dock at Port Dinorwic in Wales, United Kingdom. It will feature standard gauge and narrow gauge tracks based on the day the last mainline steam train that ran there.

This video is all about the inspiration, location and planning plus a little

about her failures to date.

Rio Grande Southern Vintage Film



Otto Perry's Rio Grande Southern


A vintage Otto Perry documentary on the Rio Grande Southern in Colorado. After 70+ years since this was filmed, there are still remnants of the Southern visible from the highways that roughly trace the same route from Durango to Ridgway.


Rocky Mountain Region, NMRA

Rocky Mountain Train Show™
April 2nd & 3rd 2022
Saturday 10 am - 5 pm, Sunday 10 am - 4 pm
National Western Complex
4655 Humboldt St Denver, CO 80216









**Parking
included
with
ticket
purchase!**



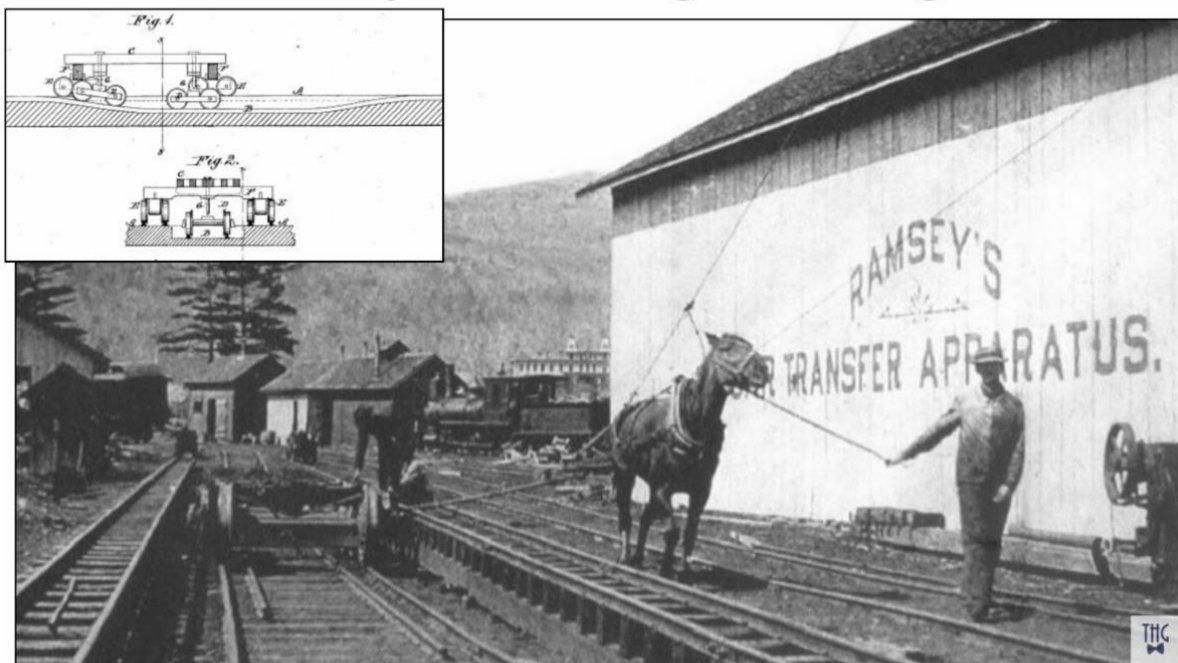
Over 700 Tables of Trains - All Scales and Gauges
 Many Operating Layouts - N through G Scales
 Hands-On Kids Play Layout
 BSA Railroading Merit Badge
 Admission \$13, Children 12 and Under Free
 Scouts in Uniform Free
 Military Members and First Responders Tickets Available at VetTix

Sponsored by the Rocky Mountain Division of the Train Collectors Association™ & Rocky Mountain Region NMRA



[**For more Information**](#)

The Day the Gauge Changed



[**The Day the Gauge Changed**](#)

The completion of the transcontinental railroad in 1869 was not the only amazing feat of American railroad engineering in history. In 1886, railways in the south managed to convert the gauge on an estimated 11,500 miles of track in a period of just 36 hours. The History Guy remembers the 1886 Southern Railroad Gauge Change, an important moment in railroad history.

Arriving April 1st!



Don't forget that the NMRA Digital Magazine Arrives at the Station on April 1st!

NMRA's Partnership Program



PARTNERSHIP PROGRAM

NMRA members can log in and click on the **Benefits** tab to view the **NMRA Partnership Program**. Please patronize all of our partners for some fantastic discounts as an NMRA member!

Bear Creek Model Railroad, LLC
Building Your Model Railroad
CatzPaw Innovations
Clever Models, LLC
CMR Products, LLC
Daylight Sales (Merchandise)
Deepwoods Software
Deluxe Materials
Digikeijs
Dwarvin Enterprises, Ltd*
East Coast Circuits
Feight Studios
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LARC Products
Logic Rail Technologies
MAC Rail
Micro-Mark
Mine Mount Models
miniprints
MinuteMan Scale Models
Model Railroad Benchwork
Model Train Catalogue
Modelers Decals & Paint
Motrak Models
MRC (Model Rectifier Corp)
Nick and Nora Designs
Northlandz
NScale Works by Mike Holly
Old West Scenery
Ram Track
RR-CirKits
Rusty Stumps
Scale Model Plans
[New Partners in RED *]

Scalecoat Paint
Scenery Solutions
Showcase Miniatures
Team Track Models
The N Scale Architech
The Old Depot Gallery
Tichy Train Group
Touch of the Brush Model Weathering
Train Installations, LLC
Train Show, Inc.
Trainmasters TV/Model Railroad Hobbyist Store
TRAINZ.com
TSG Multimedia
UGEARS
Unreal Details
USA Airbrush Supply/
Badger Airbrush
WiFi Model Railroad, LLC
Mar 2022

Partnership Program

The **NMRA Partnership Program** is a member benefit that truly has a tangible payback. We've partnered with model railroad manufacturers of all sizes, giving them exposure on our website in return for receiving generous discounts for NMRA members all year long. Some provide members with special codes, others prefer a phone or email order, but all appreciate the additional business from our members. And of course, our members appreciate the extra savings...savings that can actually pay the cost of NMRA membership! Be sure to check back often as new Partners are being added all the time.

NMRA@Home



Tree Extenders

Featured in the Division Business Car Column appearing in the February 2022 issue of NMRA Magazine.

If you ever told a long version of a short story, here is a short story on how to make longer (or taller) trees. Ben Kubelski shows you how in the Susquehanna Division's *Susquehanna Sidetracks* newsletter while being frugal, too!

Scratchbuilding Windows

Featured in the Division Business Car Column appearing in the February 2022 issue of NMRA Magazine.

When you can't find a comparable commercial window casting that is close to the prototype of your model, why not scratchbuild them? Richard Sparrow did just that for his model of the railroad station in Wellington Ontario Canada. Richard shows you how he did it, step by step, in his article in the Niagara Frontier Region's *Frontier Flimsy* newsletter.



Building a 1/8th Scale Van (or Caboose)

Featured in the Division Business Car Column appearing in the February 2022 issue of NMRA Magazine.

Gary Clark built a model of a Canadian National caboose, or van if you live in Canada. The BIG difference is his van is BIG. It is in 1/8th scale. Gary shares the effort it took to build his beautiful model in *Model Railroading Inspirations*, published by the Western Ontario Division.

Dead Rail is Alive!

Featured in the Division Business Car Column appearing in the February 2022 issue of NMRA Magazine.

Andrew Stitt shared in the *Brass Pounder*, the newsletter of the Carolina Southern Division, what it takes to run trains with the power on board the locomotive in the form of a rechargeable battery. No more power through the rails, hence the term "dead rail". To learn more about dead rail, you have to read Andrew's article.



Improving Your Clinic Presentations

Featured in the Division Business Car Column appearing in the February 2022 issue of NMRA



Magazine.

Whether you have presented clinics in the past or are preparing to give your first one, the Potomac Division published presentation tips from many experienced MMRs in their *Potomac Flyer* newsletter.

One Modeler, Two Layouts, Three Gauges: The Work of Lee Rainey in S Scale

Featured in the Division Business Car Column appearing in the February 2022 issue of NMRA Magazine.

In a recent issue of the Susquehanna Division's *Susquehanna Sidetracks* newsletter, Lee Rainey provided a tour of his S scale Pennsylvania Railroad and Sn3 East Broad Top layout. But wait, there's more! Lee followed that tour with another tour of his Maine Sn2 Free-mo modules.



The ***Division Business Car*** column appears in even-numbered months in NMRA Magazine. It's loaded with great modeling ideas, plus useful information that can help make your Division, Region or 100% NMRA Club even better. The information comes from articles published in Region, Division, and club newsletters. The best of these articles are posted on the NMRA website. You can read the entire archive, from as far back as 2011 right up to the latest posting, by clicking [here](#).

Previous issues of the ***NMRA Turntable*** are available on the Turntable Archives page. You must first log in as a member at: nmra.org. After you are in the members-only section, then you must hover over 'Publications' on the menu bar, then 'NMRA Turntable', and then click on one of the list of back issues.

Editor: [Paul V. Voelker](#)

Executive Editor: [Rick Coble](#)

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