



# TURNTABLE

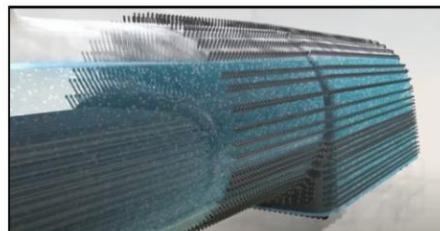
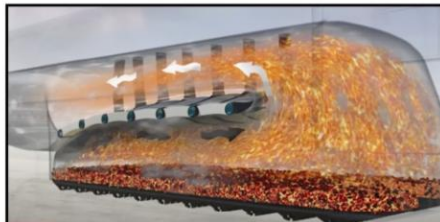
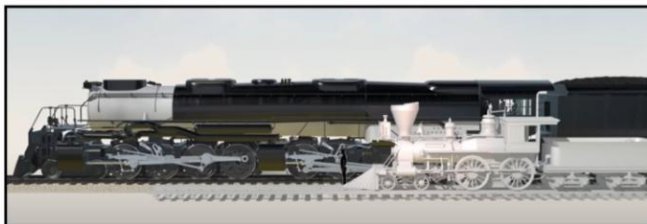
Volume 7, Number 11

November 2023

The NMRA's *Turntable* is a monthly publication that, 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.

## How a Steam Locomotive Works: (Union Pacific “Big Boy”)



### [How a Steam Locomotive Works](#)

A thorough examination of a steam locomotive, using the mighty Union Pacific Big Boy as an example.

Editor's Note: This is an awesome animation by *Animagraffs* creator Jake O'Neal showing all of the internal workings of a steam locomotive in great detail. Very well done and I am truly impressed with his work on this and several of his other animations!

## How to Scratchbuild the Forney Museum (Where UP Big Boy #4005 Resides)



### [Scratchbuild the Forney Museum](#)

A video from *djstrains* which shows how DJ scratch built a model of the Forney Museum. The Forney Museum, located in the former Denver Tramway Power Company building, has an awesome collection of vintage automobiles and railroad equipment on display. Seen among the collection DJ has videotaped is the Union Pacific Big Boy steam locomotive #4005.

Editor's Note: For many years most (if not all) of the railroad cars and locomotives were stored out in the elements. This is in the Denver area so the elements can be really harsh on equipment stored or displayed outdoors. These pieces have since been moved inside the building, restored, and appear to be well cared for and displayed. This is a great tour video.

## TTX Bulkhead Flat Car Rust Bucket

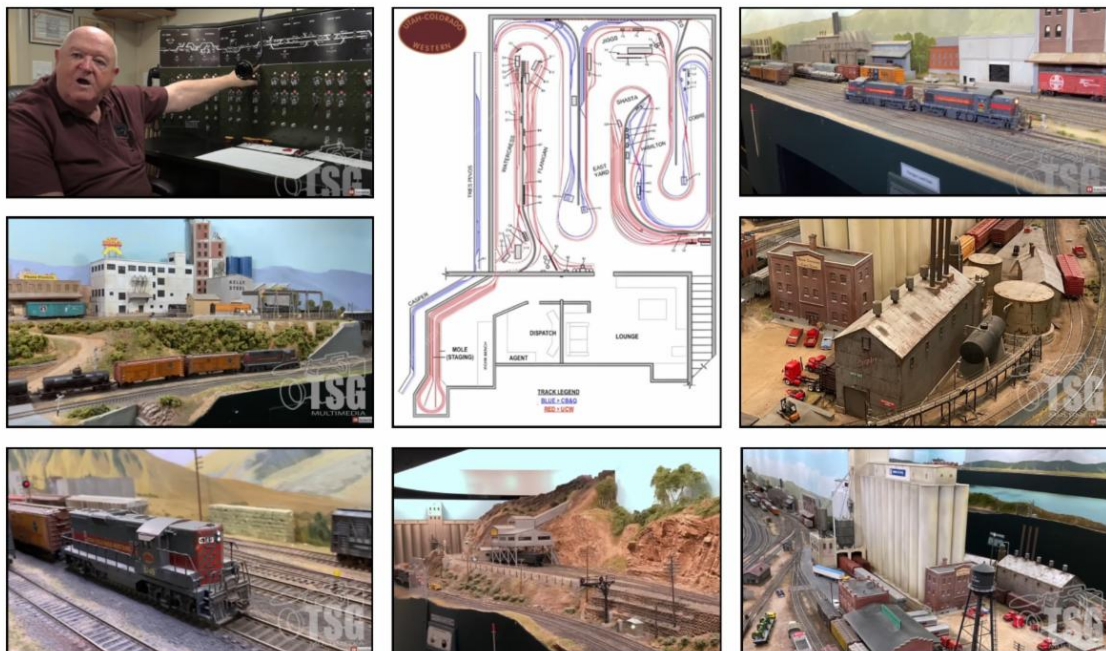




## [TTX Bulkhead Flat Car Rust Bucket](#)

This first official "Modeling with Dan" weathering video covers some tips and tricks on taking care of this highly detailed ScaleTrains bulkhead flatcar!

## Utah-Colorado Western w/ Lee Nicholas

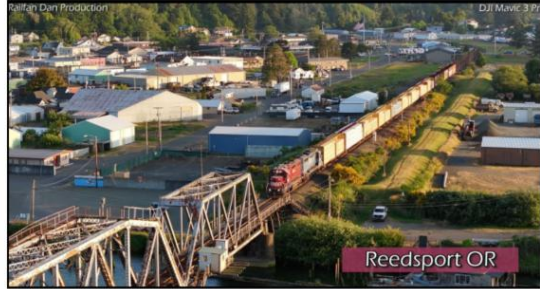


## [Utah-Colorado Western w/ Lee Nicholas](#)

In this program, *TSG Multimedia* visited the operations-based Utah-Colorado Western Railroad with Lee Nicholas. This layout is in Corinne, Utah, and Lee's approach to operations-based layout design has been influential over the past several decades!

## Scenic Coos Bay Rail Line





## Scenic Coos Bay Rail Line

A video by *Railfan Dan* on the Coos Bay Rail Line! In his opinion, one of the most scenic shortline railroads in the Northwest.

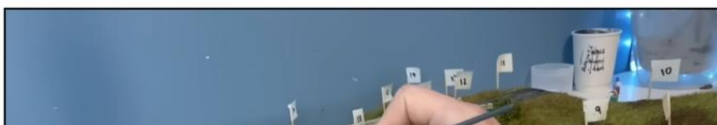
## **RPM Conference 2023 Naperville, Illinois**

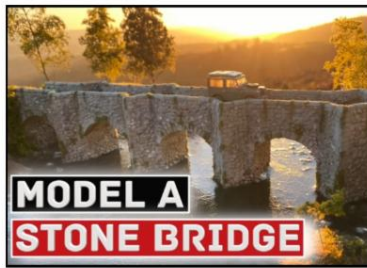


## RPM Conference 2023

At the end of October, Tony (*Corn Country Rails*) attended his first Railroad Prototype Modelers Conference in Naperville, IL. In his opinion, the Conference did not disappoint!

## **Build an Amazing Stone Bridge Diorama**



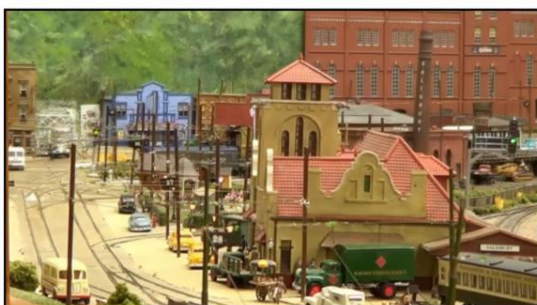


## [Build a Stone Bridge Diorama](#)

In this video, Andy (*Dartside Scenics*) tells how this diorama was inspired by the Staverton Bridge in Devon. It's a beautiful place that he has frequented throughout his life.

This diorama gave him the opportunity to work with seafoam trees, balsa wood, WWS stones, Woodland Scenics resin, and, of course, a range of static grass and scatters from WWS, Woodland Scenics, and Gaugemaster to create the scene. He also included daffodils to give a sense of the season.

## An Interurban Trolley Line Powered By Overhead Wires



# An Interurban Trolley Line

In a video by Jimmy Lambert, we see the Blue Ridge Traction, Power, & Light Company which is a local Trolley and Interurban line serving Salisbury, Statesville, and Majolica North Carolina. It's a fictitious addition to the Western North Carolina Railroad but is loosely based on some actual trolley lines of the area. We follow an interurban train from one end of the system to the other, and then observe an Express Motor going about its work. The electric wires on this model interurban are fully functional, and all the electric interurban cars seen in this video are being operated off of power from the overhead wires. This impressive section of the Northern Virginia Model Railroaders' layout is the result of tireless and dedicated work from the half dozen or so members of the NVMR Traction Committee. Without them, this impressive modeling feat would not be in the fantastic state it is in today.

## NMRA-x Clinics on YouTube

**MODELING THE VALLEY LOCAL**  
Chris Adams  
April 24/25, 2020

**NMRA-X**  
NMRA ORG  
184 videos 29,410 views Last updated on Feb 26, 2023

Play all Shuffle

- 178 **nmra\*** Building the Historic Contoocook Covered Bridge  
NMRA ORG • 568 views • 1 year ago 49:32
- 179 **nmra\*** Dave Salamon Cement plant modeling  
NMRA ORG • 1.1K views • 1 year ago 54:58
- 180 **nmra\*** Joey Giunto Easy and Fun Operations for Your Model Railroad  
NMRA ORG • 1.1K views • 1 year ago 1:02:14
- 181 **nmra\*** Jordan Kramer Trackside with Jordan Travels Abroad  
NMRA ORG • 164 views • 1 year ago 51:22
- 182 **nmra\*** Kevin Marks Getting started in Track Building  
NMRA ORG • 1.3K views • 1 year ago 1:04:08

## NMRA-x Clinics on YouTube

## Small Town Train Depots

(Free On-Line Monthly Program of the NRHS Washington, D.C. Chapter, Inc.)

**Let's Plan a Trip**

**John Cowgill**

Photo Library of Congress

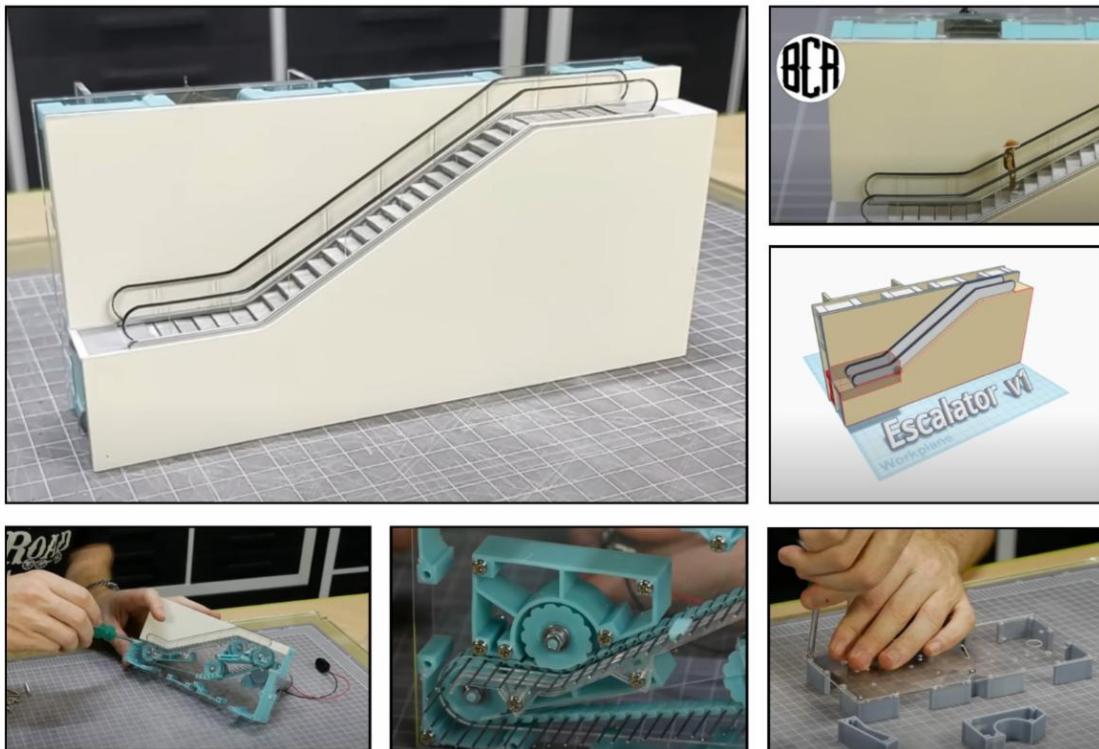
Photo John Cowgill



## [Small Town Train Depots](#)

Rail historian John Cowgill takes us on a visit to a few small-town railroad passenger depots. This was a free monthly online program of the National Railway Historical Society, Washington, D.C. Chapter, Inc.

## **Building the World's Smallest Escalator** (That Actually Works!)

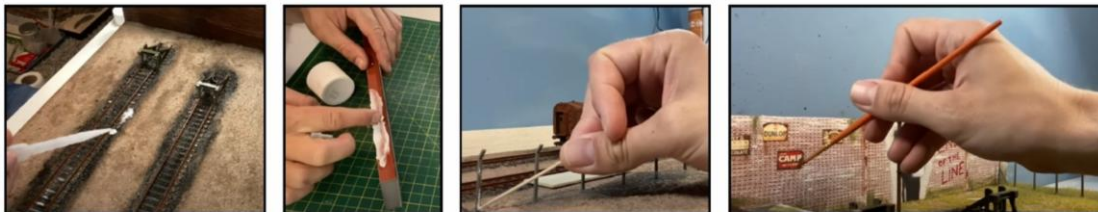


## [World's Smallest Escalator](#)

This is a project that *Luke Towan* has had in development since January 2022, and the original idea stems right back to the underground subway diorama that was built back in November 2019! He tinkered with this project on and off over that time but really knuckled down for the past 3 months to get it completed.

## **Building an Abandoned Railway Diorama**

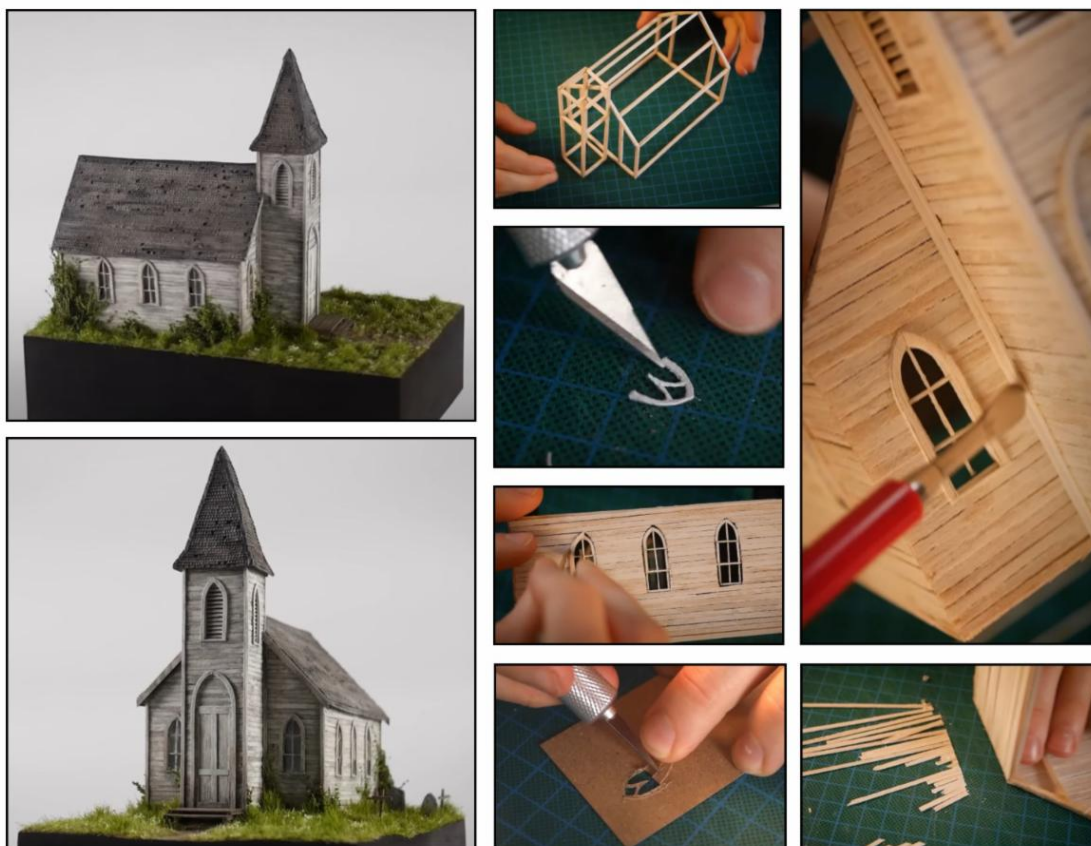




## [Abandoned Railway Diorama](#)

Here *Dartside Scenics* is attempting some Banksy-inspired graffiti, this diorama was built as part of a WWS Facebook competition. It created the opportunity to work with some new techniques and use some new materials. Plans are to revisit many of those for future models and hope to see improvements each time. Andy hopes these videos are of interest to anyone who enjoys making dioramas, model railways, or war gaming layouts.

## Country Church 1/48 Scale Diorama



## [Country Church 1/48 Scale Diorama](#)



A video from *Excessively Sentimental* showing the building of a 1/48 (O) scale church diorama from scratch.

## History of Refrigerated Railcars

Swift

DCMRHS  
Washington, DC Chapter of the  
National Railway Historical Society

James McDonald  
History of Refrigerated Railcars

Ann Mason

Ice and Icing

The amount of ice used to keep...  
mechanically produced ice 1880s

Creating the Cold Chain

- Unfamiliar for railroads.
- Initially created by Beef Trust
- Series of cold storage warehouses, icing plants or ponds, icing facilities, ...
- But also, refrigerators in retail stores, refrigerators in the home.

The Resurgence

## History of Refrigerated Railcars

Railroad historian James McDonald presents the history of how railroads preserved the freshness of shipped produce from the days of ice to mechanical refrigeration.

## WP & SP Layout Tour w/ Mike Andrews

SOUTHERN PACIFIC LINES

WESTERN PACIFIC

0 SCALE LAYOUT TOUR  
WITH MIKE ANDREWS

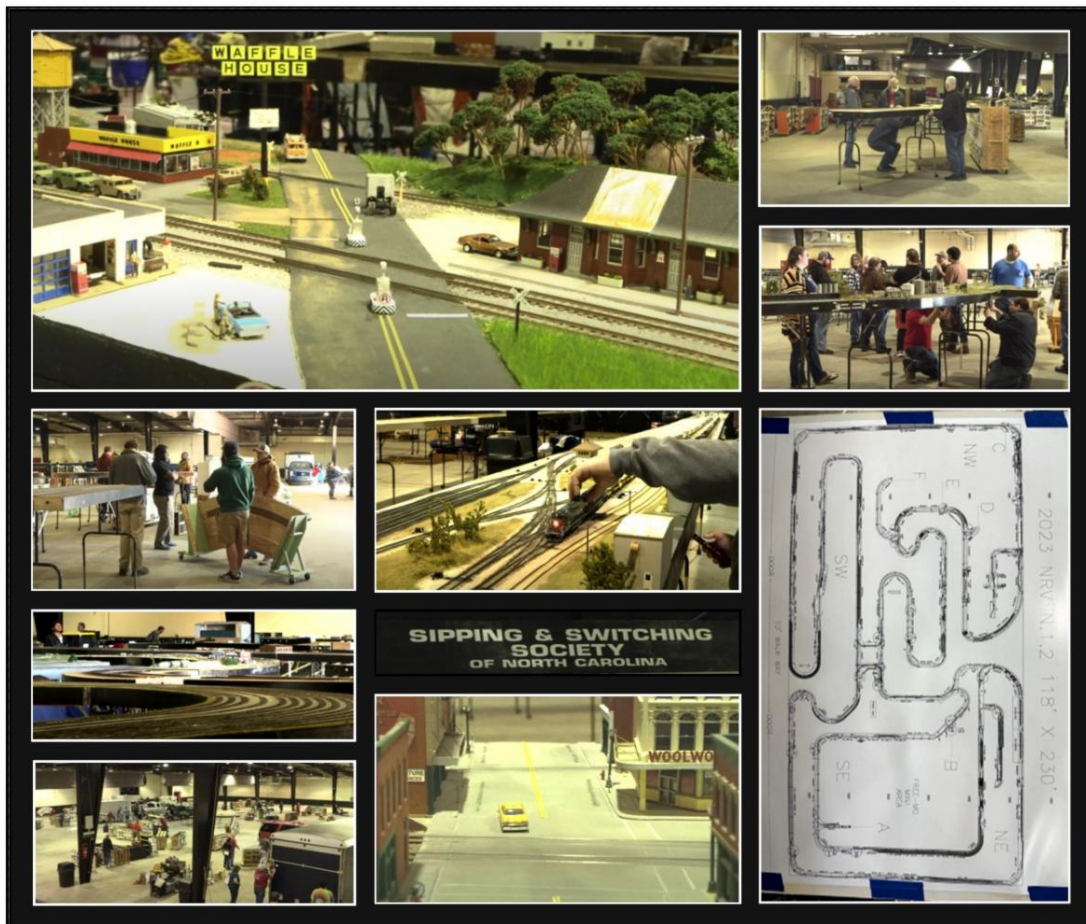


## [O Scale WP & SP Layout Tour](#)

A video layout tour from *TSG Multimedia* covering Mike Andrews's O scale layout which represents the Southern Pacific and Western Pacific lines in and around Yuba City and Marysville, CA. The modeling is exquisite, and Mike had help from a lot of people to build his miniature empire. Not only is the modeling great, but just about every structure on the layout has a personal meaning to Mike.

## **Sipping & Switching Society**

November 2023 in Raleigh, NC!

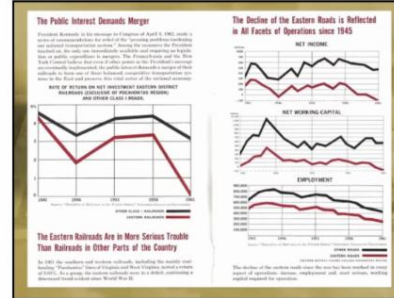


## [Sipping & Switching Society](#)

This is a collection of videos and pictures of the Sipping and Switching Society layout that took place at the North Carolina State Fairgrounds in Raleigh, North Carolina on the first weekend of November in 2023. Nick Santo was there for the purpose of seeing and documenting the setup to the teardown of the layout. He was very

impressed and enjoyed himself for the duration.

## What's Left of New York's Central Railroad



## What's Left of NY's Central Railroad

It's History's Ryan Socash talks about the rise and fall of the New York Central rail lines from their beginning as a collection of small railroads that grew into a very large railway system. He also talks of the slow march to consolidation with the Pennsylvania Railroad which in the end resulted in bankruptcy.

## The Great Survivor

### The Story of Furness Railway No. 20





# *The Great Survivor*

This film tells the story of Furness Railway Number 20 which is Britain's oldest working standard gauge steam locomotive, and which is the flagship locomotive of the Furness Railway Trust. The Furness Railway Trust has its engineering base in Preston at the home of the Ribble Steam Railway where Number 20 was filmed in steam during March and April 2022.

Number 20 was built in 1863 by Sharp Stewart & Co. of Manchester as one of a batch of eight 0-4-0 tender locomotives supplied to the Furness Railway Company between 1863 and 1866. The rapid growth of traffic on the Furness Railway in the 1860s meant that this class of small four-wheeled engines soon became obsolete and in 1870 F.R. Nos. 17, 18, 19, and 20 were sold to the Barrow Haematite Steel Co. Numbers 25 and 26 followed them to the steelworks in 1873.

## NMRA-x YouTube Channel

NMRA-x YouTube Channel

NMRA ORG  
@NMRAORGModelRailroading 4.5K subscribers 341 videos  
Official YouTube channel for the National Model Railroading Association (...)  
[nmra.org/membership-application-and-renewal](https://nmra.org/membership-application-and-renewal)

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## *NMRA-x YouTube Channel*

# 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!

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 Tichy Train Group  
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 TRAINZ.com  
 TSG Multimedia  
 UGEARS  
 USA Airbrush Supply/  
 Badger Airbrush  
 WiFi Model Railroad, LLC

October 2023

## 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.**

## Mid-Central Region Convention North Coast Limited 2024

The Mid-Central  
 Regional Convention  
 May 16-19 2024  
 Cleveland, Ohio



Early Registration is \$90.00  
 through 12/31/2023



[www.northcoastlimited2024.org](http://www.northcoastlimited2024.org)

### Convention Merchandise

The North Coast Limited 2024 Convention offers two Convention Cars and a Large selection of Men & Women's

### SCHEDULE of EVENTS

Layout Tours, Operating Sessions, 4 Clinic Rooms  
 (including make & take clinics for a small fee)

Celebration of Modeling, Yard Sale, Prototype Tours, General interest Tours,  
 Non-Rail Tours

More events are being added as the NCL moves closer to the convention date.  
 Look for updates on the NCL site!



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 within walking  
 distance of the  
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# NMRA@HOME

## How you can help market & grow your division (or region)

A clinic presented by Christina Zambri, Marketing Consultant for the NMRA, at the 2023 NMRA National Convention, Texas Express, in Grapevine, TX



Gain new ideas on how to better market and promote your Division (or Region) and improve member experiences. Topics include the benefits of membership, welcoming new members, incorporating a mentorship/buddy system, monitoring reports, doing more with social media/online presence, proper communication, working with local media, proper booth management, and overcoming special circumstances such as geography, aging members and periods of less face-to-face interaction.

## Craftsman Kits 101

A clinic presented by Jack Ellis at the 2023 NMRA National Convention, Texas Express, in Grapevine, TX. A special thanks to Bar Mills for allowing us to post this clinic



Jack considers this clinic to be a good fit for the widest range of modelers. Craftsman Kits 101 will go over all aspects of kit building including the following:

- Kit building tools
- Basic and not so basic different kinds of glues - when and were to use them.
- Different types of paints including spray can and airbrush.
- Many tips on construction of structures.
- How to paint and weather wood siding, brick, stone and stucco.
- Quick way to install glazing in plastic windows.
- How paint, weather and install different types of roofs.
- Staining and weathering shingles and tarpaper.
- An overview of signs and how to make your own.
- Painting and weathering detail parts.
- Making some of your own simple details and adding them to your structures.
- Adding photos to store fronts.
- Adding just enough interior to show.
- Over 20 tip to help you improve your modeling.

## Details Make the Scene

A clinic presented by Jack Ellis at the 2023 NMRA National Convention, Texas Express, in Grapevine, TX. A special thanks to Bar Mills for allowing us to post this clinic

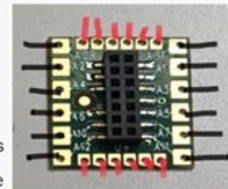


The clinic covers:

- Adding details to Structures to make a scene.
- How to choose a color for your structures.
- Distressing structures wall and painting.
- Painting brick, stone, wood and stucco walls.
- Adding different roof materials.
- Make your own signs.
- Adding window and Roof details.
- How to make your own detail parts.
- Plus lots more.

## Decoder Buddy

A clinic presented by Nick Santo at the 2023 NMRA National Convention, Texas Express, in Grapevine, TX.



The Decoder Buddy is an NMRA Standard configuration 21-pin DCC decoder holder that features an easy method for separation of the shell from the frame of a locomotive. This clinic will describe its general ease of installation and associated attributes for DCC conversions and upgrades.

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](http://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 Voelker, HLM](#)

Executive Editor: [Rick Coble](#)

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