



# TURNTABLE

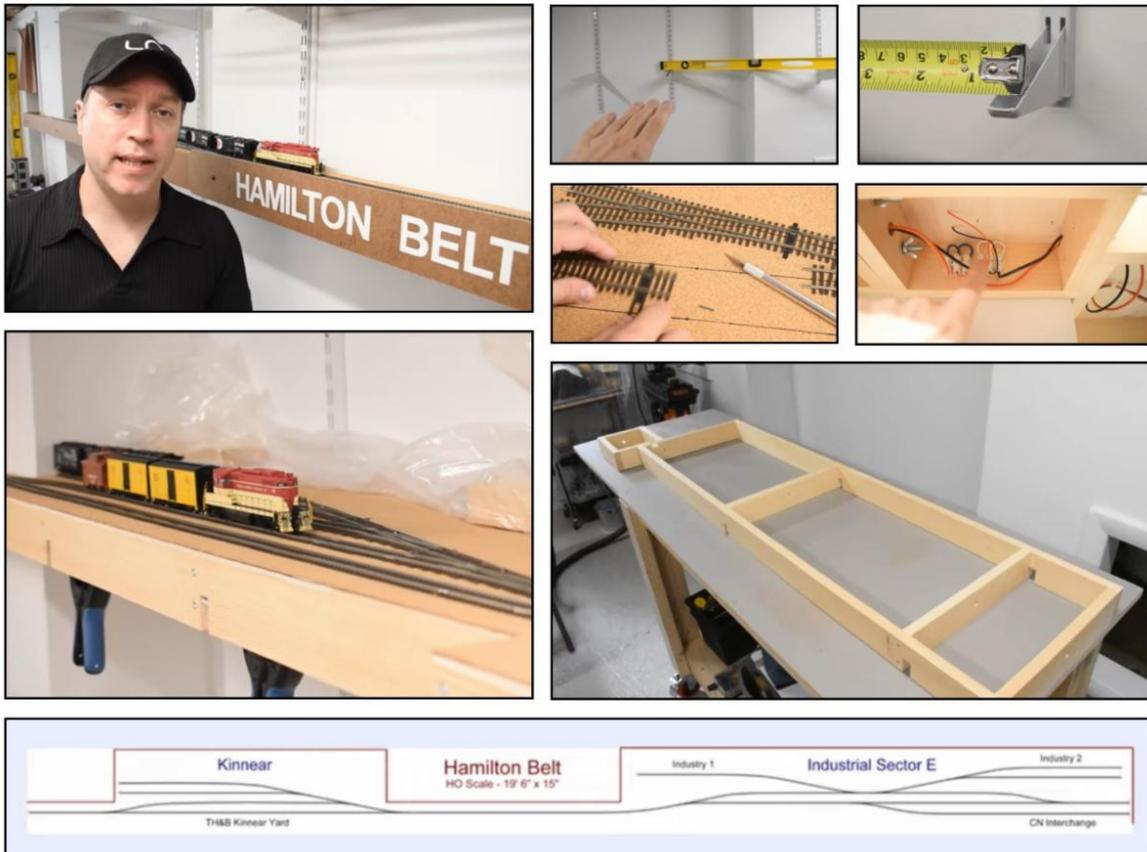
Volume 7, Number 5

May 2023

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.

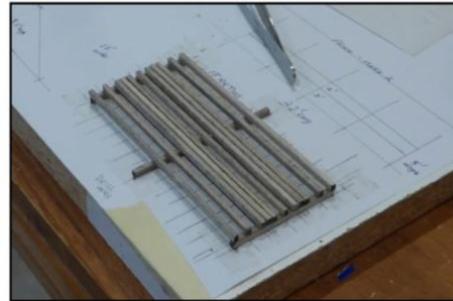
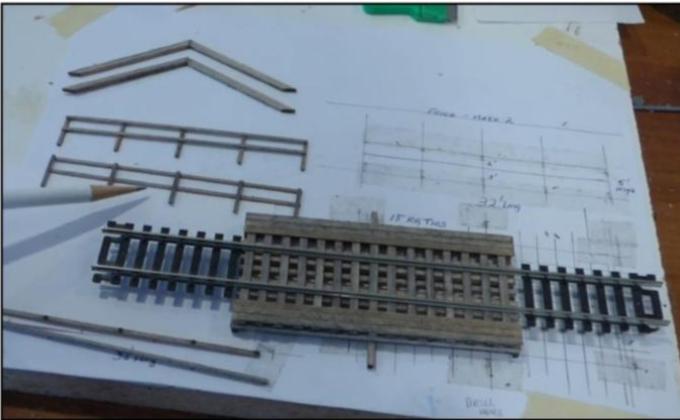
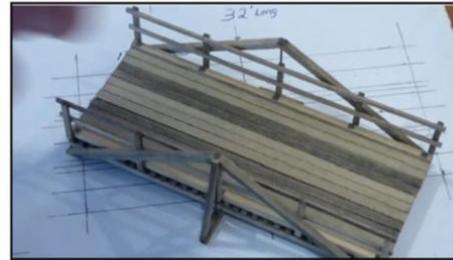
## Shelf Layout Built For Operations



## Shelf Layout Built For Operations

In this video the modeler builds a temporary shelf layout designed for operations and as a basis for writing some car forwarding software that he has in mind. This is the complete build from start to finish. There's no scenery on this layout, as it's not necessary for the purpose of the layout.

## Scratchbuilding a King Post Bridge



## [Scratchbuilding a King Post Bridge](#)

In this video, we will look at planning and constructing a small HO-scale King Post Bridge. Both materials and construction techniques will be emphasized.

Even if you never plan on building a King Post Bridge, the scratch-building techniques discussed are applicable to other scratch-building projects.

## How to Paint Clouds on a Backdrop

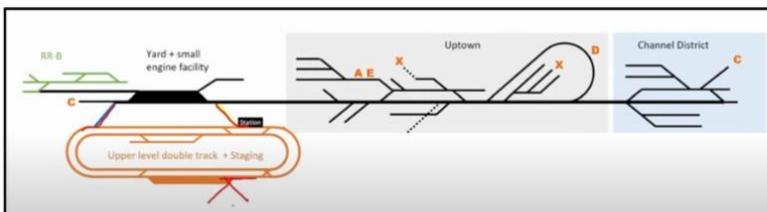
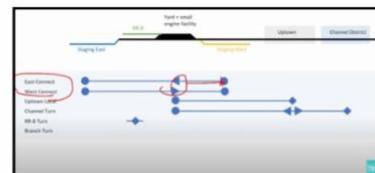
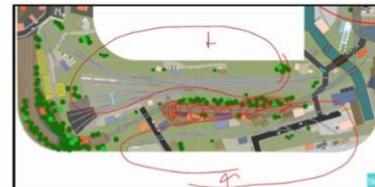




## [Painting Clouds on a Backdrop](#)

In this video on How to Paint Clouds - ProScaleModels goes over his technique on how he goes about painting clouds. He used just regular standard acrylic paints from Michaels, nothing special. Also just standard paint brushes. You'll get plenty of tips out of this video to apply to your own backdrop. Don't be afraid to make mistakes either - you can always go back and repaint it and start over.

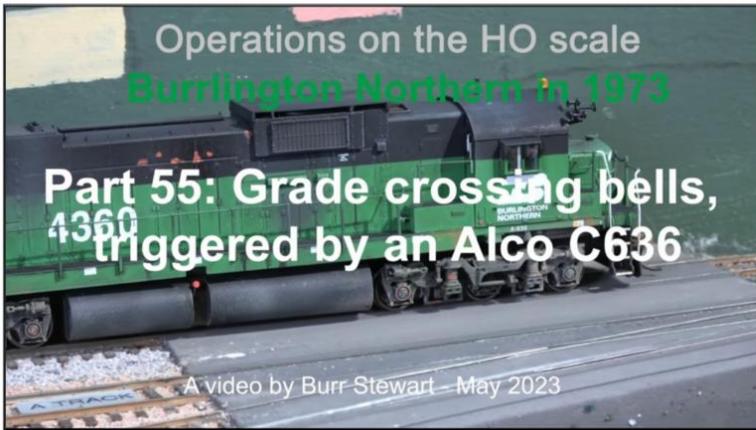
## **N Scale City Track Plan Explained**



## [N Scale City Track Plan Explained](#)

Let's look at the track plan, operations, and scenery compositions of this 12ft x 12ft layout. The review of the yard, dense city area, port section, stand-alone switching area via interchange, the upper double loop mainline, and the staging are all discussed.

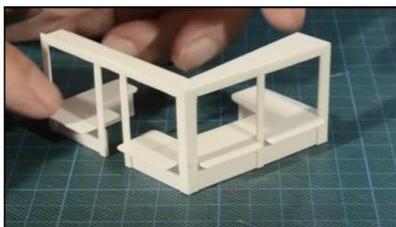
# Crossing Bell Ruckus Adds Realism



## Crossing Bell Ruckus Adds Realism

Two of downtown Seattle's railroad grade crossings are now protected by ISE crossing bells on Burr Stewart's Burlington Northern HO scale model train layout. This video shows the first train to come through the new crossings, headed by a BN Alco C636 beautifully weathered by Brian Elchlepp, and ends with a brief explanation of his ultra-simple wiring approach. Along the way are shots of the Interbay Engine Terminal and Balmer yard, as well as the stretch of urban grade crossings north of downtown Seattle's railroad tunnel.

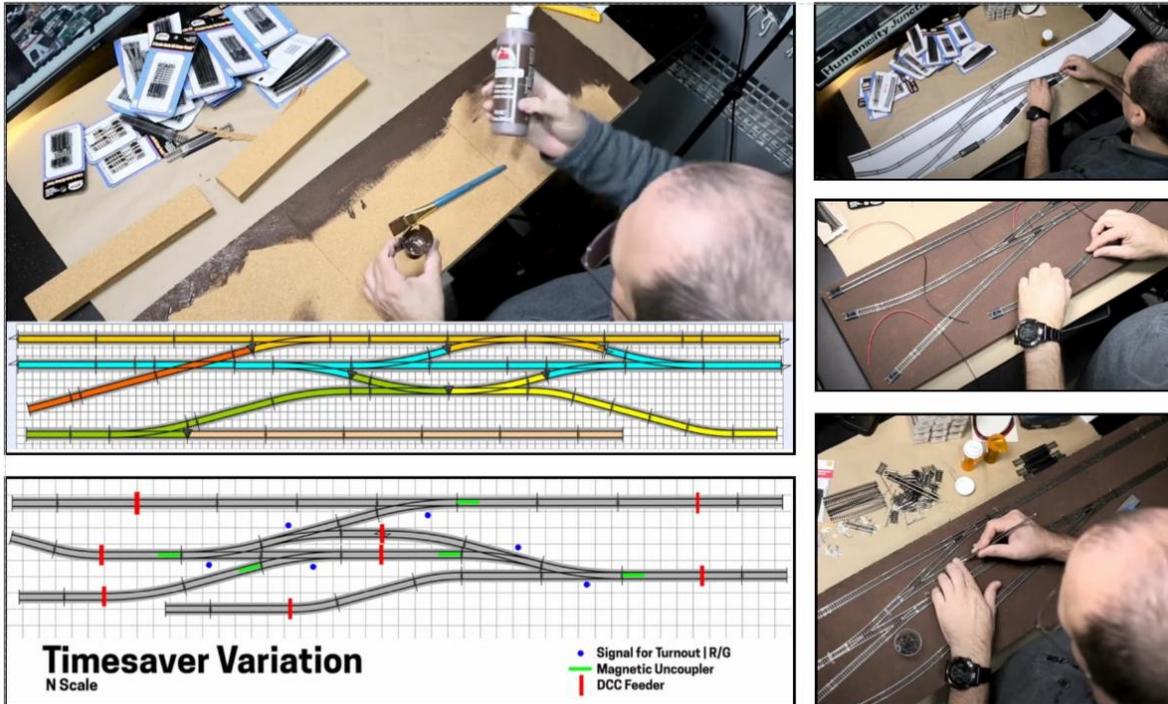
# Making Buildings For Your Railway



# [Making Buildings For Your Railway](#)

David Hyde's first attempt at scratch building a OO gauge row of shops for the market square in Deresley. Part one deals with the basic construction and use of materials.

## Model Railroad Shunting Puzzle



## [Model Railroad Shunting Puzzle](#)

In this video, we are watching the beginning of the build on a layout that Heath is creating for the subscribers of his channel. This is his variation on the Timesaver by John Allen. This is an example of a Model Railroading Shunting puzzle, and he is going to set it up for remote operations.

## Large Rooftop Billboard Sign





## Large Rooftop Billboard Sign

Doug builds an iconic landmark to create a sense of time and place - a rooftop sign above the now-demolished Pepsi Bottling Plant in Queens, NY. Built in HO Scale.

# NMRA-X CLINICS

166	 <b>Chrizandri Roth Railfanning Namibia</b> NMRA ORG - 298 views - 1 year ago 1:05:23	177	 <b>Ralph Renzetti Chipped Paint with Wax Paper</b> NMRA ORG - 442 views - 1 year ago 48:48
167	 <b>David Popp Weathering Rapido's New Haven Passenger Car</b> NMRA ORG - 676 views - 1 year ago 58:06	178	 <b>Lloyd Henchey Building the Historic Contoocook Covered Bridge</b> NMRA ORG - 528 views - 1 year ago 49:32
168	 <b>Pete Mulvany and Tom Chalabi Remote Ops with Choo Cho Vision</b> NMRA ORG - 397 views - 1 year ago 58:06	179	 <b>Dave Salamon Cement plant modeling</b> NMRA ORG - 930 views - 11 months ago 54:58
169	 <b>Tony Cook U25B Engines</b> NMRA ORG - 593 views - 1 year ago 1:05:23	180	 <b>Joey Giunto Easy and Fun Operations for Your Model Railroad</b> NMRA ORG - 1K views - 11 months ago 1:02:14
170	 <b>NMRA Awards Night 2021</b> NMRA ORG - 149 views - 1 year ago 1:05:23	181	 <b>Jordan Kramer Trackside with Jordan Travels Abroad</b> NMRA ORG - 140 views - 11 months ago 51:22
171	 <b>Dean Smith Railroader Memories Operations on the ET&amp;WNC Vida Division</b> NMRA ORG - 313 views - 1 year ago 59:31	182	 <b>Kevin Marks Getting started in Track Building</b> NMRA ORG - 1.1K views - 11 months ago 1:04:08

These are but a few of the many NMRax clinics available for viewing on our YouTube Channel!

## Cleveland's Forgotten Hulett Unloaders





## **Cleveland's Forgotten Hulett Unloaders**

Hulett Unloaders since their creation in 1898 revolutionized the handling of iron ore by reducing labor costs and unloading times of lake boats. Their unique look and awkward movements were described as a "grasshopper leg" or "dinosaur" eating. By the early 1990s Hulett's were rendered obsolete due to technological advancements in the processing, shipping, and offloading of iron ore. All have been scrapped except for two dismantled ones on Cleveland's Whiskey Island. They are slowly rusting away while buried in foliage and are nearly forgotten.

## **The Weirdest Boats on the Great Lakes**

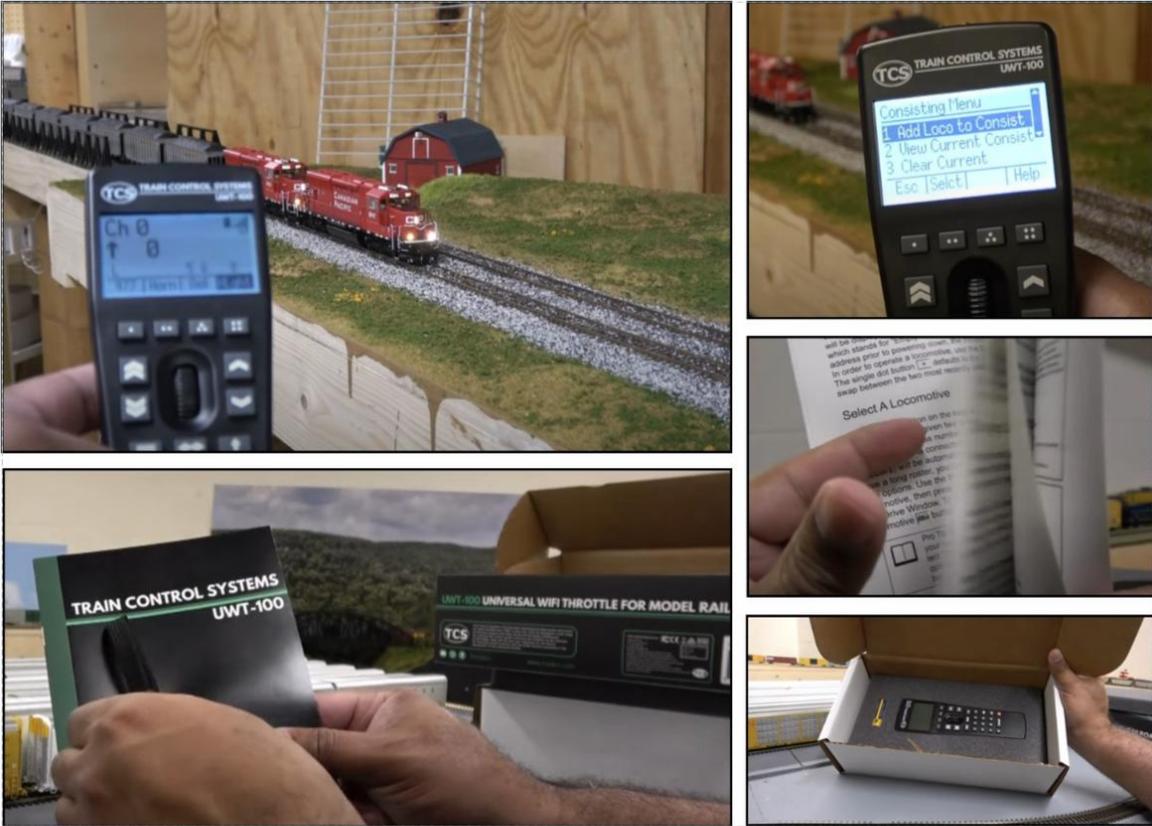


## **Weirdest Boats on the Great Lakes**

Whalebacks were a type of ship indigenous to the Great Lakes during the late 1880s and late 1890s. They were invented by Captain Alexander McDougall and revolutionized the way boats on the Great Lakes handled

bulk commodities. Unfortunately, their unique design was one of the many factors which led to their discontinuation.

# Review: Train Control Systems UTW-100 Wi-Fi Controller



## [Train Control Systems UTW-100](#)

In this video, James will unbox and test out the Train Control Systems UWT-100 Wi-Fi Controller.

## Mitch's New York Central





## **Mitch's New York Central**

Jerry Michnewicz's masterful model railroad layout is based on the New York Central Railroad operating around the Detroit Michigan area. Jerry is designated by the National Model Railroad Association as a Master Model Railroader®.

## **Amazing Blue Mountain River Diorama**



## **Amazing Blue Mountain River Diorama**

In this diorama tutorial High Eye Workshop walks you through the steps he took to make this amazing piece of realistic scenery.

He used new water effects as well as his trusty epoxy resin and Mod

Podge.

He hand-carved the rocks from Sculptureblock, which, it turns out, is very different from extruded polystyrene (XPS). It's possible to carve hyper-realistic rocks quite easily from this foam, but if you're planning a build like this then he would use extruded polystyrene since Sculptureblock and curing epoxy don't play too nicely together as seen in this video.

## Santa Fe 2926: First Steps in 70 Years!



## Santa Fe 2926: First Steps in 70 Years!

Today Big Diehl headed down the tracks in Albuquerque to the Sawmill Spur, where he caught Atchison Topeka and Santa Fe number 2926 as it went on its first journey outside of the compound where she's been worked on for the last twenty years here in Albuquerque.

## Creating a Roaring Waterfall





## [Creating a Roaring Waterfall](#)

Want to create an impressive roaring waterfall? This video will show you how. The technique is appropriate for all scales. It would be a great addition to your model railroad or diorama.

## **Solderless Wiring For Model Railroads**

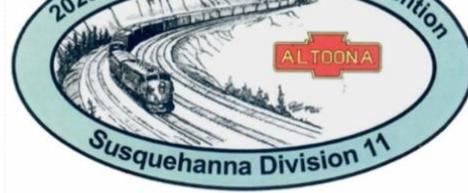


## [Solderless Wiring For Model Railroads](#)

Suitcase connectors are a great way to get solder-free electrical connections on your model railroad. Learn how to use them for drops, splices, and removable taps.



# Round the Curve to Altoona 2023



Trains rounding the Horseshoe Curve, "then" and "now."

**October 19-22, 2023**  
**Altoona Grand Hotel**  
Hosted by the Susquehanna Division 11



Leo Lang Photo

K4s Pacific #1361 under full steam just outside of Bellefonte, Pennsylvania in the mid-1980's. It is presently being re-built in the Harry Bennett Memorial Roundhouse in Altoona, Pennsylvania.



One of the many full-size displays of railroad men who worked on the Pennsylvania Railroad that can be seen in the Railroaders Memorial Museum in Altoona, PA.



Pete Clark Photo

Western Maryland 2-6-6-2 #1309 at Cumberland Depot, Maryland.



Dan Cooper Photo

East Broad Top narrow-gauge Mikado #16 under full steam at Rockhill Yard, Pennsylvania.



## Mid-Eastern Region 2023 Convention

The Susquehanna Division would like to welcome NMRA members and guests to attend the [Round the Curve to Altoona – 2023 MER Convention](#). The convention will be held from Thursday, October 19 thru Sunday, October 22, 2023, in Altoona, Pennsylvania, also known as Railroad City. The convention will be held at the Altoona Grand Hotel, which will provide for our convention attendee lodging, meeting rooms, and a banquet. The Round the Curve to Altoona website provides links for information on registration, accommodations, timetable, clinics, contests, rail and non-rail activities, operation sessions, and central Pennsylvania layouts that will be open for touring.

Two excursions to operating steam railways are planned. The first will be to the Western Maryland Scenic Railroad to ride in reserved coaches behind the fully restored ex-Chesapeake and Ohio 2-6-6-2 #1309.

The second steam tour will be to ride behind East Broad Top 2-8-2 #16, which returned to service this year for the first time since 1956. The EBT RR was among the first narrow-gauge railroads in the country, and it lived to become the last narrow-gauge common carrier east of the Rocky Mountains.

A third, nearby, self-drive to operating steam tourist railroad is the Everett Railroad that runs between Hollidaysburg and Roaring Springs, Pennsylvania. If you plan to ride this train during the convention, call well ahead for your reservation because seeing the fall foliage on this ride is very popular in October and coach seats fill quickly.

On Saturday there will be two guided tours at the Railroaders Memorial Museum; one at 9:00 am and the other at 1:00 pm. Tour guests will spend about 45 minutes in the museum proper, and then about 45 minutes in the Harry Bennett Memorial Roundhouse where the renowned K4s #1361, built in 1918 at the nearby Juniata Shops, is being restored. You can sign up for this private tour on the convention registration form; the cost is \$15.

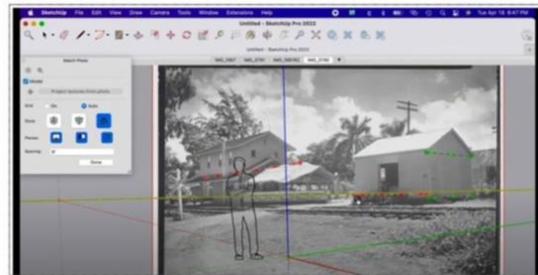
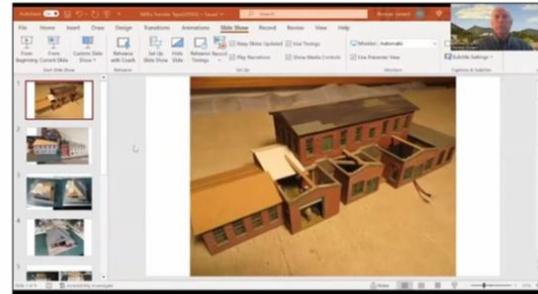
The convention banquet will be held in the hotel's Tropical Courtyard and will include your choice of four menu dishes. After dinner, there will be remarks by the President of MER, possibly remarks by the President of the NMRA, the presentation of model contest awards, and the address by our guest speaker, Joe DeFrancesco, CEO of the Railroaders Memorial Museum.

We encourage you to register early. Hopefully, the website will provide you with all the information that you may need, but questions can be answered by the local convention chair whose email address is given on the website.

## A Few NMRAX Clinics From Last Month



nmra		
3D printing Free-moN	Gordy Robinson, MMR	BR
Mini Diorama	Stephen Moore	LSR
Part 1b		
NERx Tips and Tricks	NERx Extras w/Michael Wheeler	NER
Using PhotoMatch in SketchUp	Neil Erickson	PCR
Printing White Decals at Home, with your Laser Printer	Fred Soward	MCR
Converting Australasian HO to ...	Gerry Hopkins	AR
Part 2		



## April NMRAX Clinics #1b

3D printing Free-moN  
Mini Diorama

Gordy Robinson, MMR®  
Stephen Moore

## April NMRAX Clinics #2

NERx Tips & Tricks  
Using PhotoMatch in SketchUp  
Printing White Decals at Home,  
with your Laser Printer  
Converting Australasian HO to ...

Michael Wheeler  
Neil Erickson  
Fred Soward, MMR®  
Gerry Hopkins, MMR®

# 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!

CatzPaw Innovations  
Clever Models, LLC  
Coastmans Scenic Products  
**Composite Designs, Inc.\***  
CMR Products, LLC  
Conowingo Models  
Daylight Sales (Merchandise)  
Deepwoods Software  
Deluxe Materials  
Digikeijs  
Dwarvin Enterprises, Ltd  
East Coast Circuits  
Enterprise and National Car Rental Services  
**Evan Designs\***  
Feight Studios  
**Fusion Scale Graphics\***  
Gatorfoam  
Great Decals!  
Green Frog Productions

Hot Wire Foam Factory  
K.I.S.S Method, Inc.  
LaBelle Woodworking Co.  
LARC Products  
Logic Rail Technologies  
MAC Rail  
Micro-Mark  
Mine Mount Models  
miniprints  
MRC (Model Rectifier Corp)  
Model Train Catalogue  
Modelers Decals & Paint  
Motrak Models  
New Creations Victorian Railroad Buildings  
Nick and Nora Designs  
Northlandz  
NScale Works by Mike Holly  
Old West Scenery  
Ram Track

RR-CirKits  
Scale Model Plans  
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  
USA Airbrush Supply/  
Badger Airbrush  
WiFi Model Railroad, LLC

[ **New Partners in RED\*** ]

May 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.**

### *One of our newest Partners this Month is Composite Designs, Inc!*

Composite Designs is a manufacturer of Craftsman style laser-cut detail and structure kits, along with 3D printed detail parts in O, HO, and N scales. They strive to provide both great detail and clear instructions to make the assembly both rewarding and enjoyable for everyone.

## NMRA@Home

### Modeling Vehicles

Featured in the Division Business Car Column appearing in the April 2023 issue of NMRA Magazine.

Do you have vehicles on your layout? Do you have vehicles appropriate for the era you model? Do you



have the right mix of vehicles? Jeff Hanke, MMR® discusses modeling vehicles in the Northeastern Region's magazine, the *NER Coupler*.



### Scenic Turnout Markers

Featured in the *Division Business Car Column* appearing in the April 2023 issue of *NMRA Magazine*.

If you have turnout controls placed on your layout fascia, do you sometimes use the wrong one to operate a turnout? Mike Hauk of the the Mid Central Region's Division 12 visited Bill Schopf's layout and shares Bill's simple solution to this problem in the *Builder's Plate*, the newsletter for Division 12.

### John Acheson's Santa Fe - Argentine Division

Featured in the *Division Business Car Column* appearing in the April 2023 issue of *NMRA Magazine*



John Acheson's Santa Fe, Argentine Division, is an N-scale layout. John's layout runs from Kansas City to Emporia, focusing on the operations with the Argentine Division. The Fox Valley Division of the Midwest Region featured John's layout in their newsletter, *The Semaphore*.



### Enhancing Your Scenery Through Forced Perspective

Featured in the *Division Business Car Column* appearing in the April 2023 issue of *NMRA Magazine*.

Bill Brown, MMR® makes the argument for using forced perspective to gain depth and a believable scene. Bill made the argument in the Northeastern Region's magazine, the *NER*

*Coupler*.

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.

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