

# Waybill

Mid West Region NMRA –  
Spring 2018



# The WAYBILL

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## The WAYBILL

is published quarterly by the Midwest Region of the National Model Railroad Association Inc. for the benefit of the model railroading community.

## SUBSCRIPTIONS

Electronic delivery is free to all members of the Region. Go to <http://www.mwr-nmra.org/region/waybill/waybill.html> to subscribe or to change your e-mail address. Regular mail subscriptions are \$6.00 per year; \$12.00 for two years. To subscribe, complete the applicable sections of the NMRA Membership Application at <http://www.nmra.org/>.

## CONTRIBUTIONS

Articles, photographs and artwork are encouraged in either hardcopy or electronic form. The editor uses Quark 4.1 as his publishing software on a Mac. Word documents are also acceptable, but please send the photographs as an attachment. Copy is due by the 10th of February, May, August and November and should be sent to the editor at the above address. Submitted material will be returned upon request.

## ADVERTISING

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## Editor's Column

Well, another winter is almost behind us. Time to start thinking about those spring and summer activities. I will be presenting a clinic at the Midwest regional. If you have ever wondered about how potatoes were harvested, stored, shipped (by railway of course) and marketed, come see my clinic.

Recently I was thumbing through an old Model railroader. It was the one printed for their 50th anniversary- January 1984. Some interesting facts:

The average model railroader was a 40-year old college graduate, married, has children, earns \$30,000 per year and has been a model railroader for 17 years.

There were about 226,000 serious model railroaders who spent an average of \$590 a year. 76.5 % were in HO, 13.3% in N and 8.2% in O scale.

They predicted that by 2008 electronic medium would become dominant over print. They also lamented the fact that young people (remember this is 1983) read a lot less and wanted more photos and illustrations and less text.

It is with a heavy heart that I report that Richard Cecil passed away on February 16, 2018. Dick held many titles in the region, including president for several terms and superintendent of the WISE division. He was also a Milwaukee modeler and involved in the Trolley Museum at East Troy.

For many year he attended Norm Carlson's annual meeting of historical societies and museums. It was held around the time of his birthday in January and every year we wished him a Happy Birthday. When asked how old he was, he always said "older than dirt." You will be missed.



Dick Cecil at the East Troy Trolley Museum. The occasion is that the South Shore cars have arrived, delivered by the CN at Mukwonago, Wi. Photo by Dave Nelson.

## CORRECTION DEPARTMENT

Last issue I mistakenly reported that Jim Allen had agreed to assume the position of model judge at the Region Conventions. I was wrong and Gary, pictured below at the NMRA booth at Mad City let me know in no uncertain terms. Gary Children is not retiring, Jim is assisting him. Sorry about that Gary.



Speaking of the model contest, In order to make the contest fairer and more accessible to more members, the BOD adopted the following policy: Any one entrant may submit a maximum of 10 total entries in a regional contest with a maximum of 3 entries in any one category of that contest.

Remember, no more than 10 total entries, so pick out your best and bring them along to Madison. Lets keep Gary and Jim busy.

## Cover photo:

A Rio Grande freight emerges from street running in downtown Denver on Dr. Bill Clancy's Rio Grande Pacific, one of the railroads open for the Capitol 400

## President's Report

Steve Studley President, MWR

Do you want to increase your knowledge and/or skillset of model railroading and have fun doing it? Here is a great chance to do just that. You can accomplish this, and more, by attending the 2018 Midwest Region Convention. This year's convention, "Capitol 400", will be held in Madison, WI, April 13-15, 2018. The convention will be hosted by the South Central Wisconsin Division (SCWD). For more information: <http://www.nmra-scwd.org/capitol-400.html>. Registration for both the convention and hotel are open on the website. NOTE: Early registrations must be received by March 31, 2018 to receive the Early Full Fares.

Come and enjoy what our hosts, SCWD, have put together. The program includes Layout Tours, Clinics, Contests, Operating Sessions, and Non Rail activities. Two special Clinicians will be attending the convention – Tony Koester and Tom Garver. There is a write-up about both these speakers on the convention website. Tony will also be the Saturday Banquet Guest Speaker.

There will also be opportunities to enjoy spending time with friends during the convention. Whether these are legacy (nice way of saying "old") friends or newly-formed friendships, it's a good way to add to your convention enjoyment. I hope to see you there.

During this year's visit of The Great Train Show to Indianapolis, the Central Indiana Division's (CID) booth provided opportunities for the public to ask questions and get answers, watch some model building in progress, and allowed the youngsters to actually get to "operate" by putting a train together on the CID's Inglenook switching layout. We have learned that it is easy to draw the attention of passersby when there is something active for them to see or do. Another great draw of people to the booth is our scale display. This is a display of a variety of freight cars in different scales and gauges from T to F. It is somewhat surprising to see how many people spend time comparing the scale they use to model to other scales in the display.

The upside to all this is the opportunity to provide educational moments to the visitors. Someone sees a model structure being assembled and has a question about glues. Answer the question and the modeler has increased their knowledge. During the

weathering of the model, another modeler asks questions about weathering products and notes the specific ones she uses. Viewing the scale display allows us to explain the difference between scales and gauges. Having youngsters use a simplified car forwarding system to build a three-car train allows them to actually do something and get what may be their first try at Operations.

I know many of the Divisions provide these opportunities at local shows. If your Division doesn't, consider adding some of these examples to your show booth. Remember, education is a prime purpose as listed in the Region's Constitution. Let the show attendees know that the NMRA is there, in part, to help them in their quest to be better modelers.

Please note: The 2018 NMRA National Convention and National Train Show will be held in Kansas City, MO from August 5 – 12, 2018. For more information: <http://www.kc2018.org/>

In the meantime – back to the layout!  
Steve

## Region News

### Midwest Region Achievement Program Report by Jim Landwehr- MWR AP Manager

I am happy to report that there has been a lot of activity from our members. They continue to take part in the Achievement Program all over the Midwest Region. The following members received awards:

David Lendved	Lodi, WI	Volunteer
Ron Christensen	Stevensville, MI	Scenery
Ron Christensen	Stevensville, MI	Electrical
Ron Christensen	Stevensville, MI	Civil
Robert McGeever	Stoughton, WI	Volunteer
Jon Zimmer	Elmhurst, IL	Electrical
Robert Knobbe	Glendale Hts., IL	Electrical
Jim Tatum	Lewistown, IL	Volunteer
David Poquette	Whitefish Bay, WI	Civil
David Poquette	Whitefish Bay, WI	Dispatcher
Brian Wussow	Oswego, IL	Golden Spike
James Huebler	Brookfield, IL	Golden Spike

As always, work with your division Achievement Program Manager first, and if there is a problem, feel free to contact me.

Thanks, Jim

## Frugal Modeler

by Dave Nelson

Distinctive patterns of road grime are thrown onto the ends of freight cars by the wheels, including the wheels of adjacent cars: general wheel spray which is particularly noted on the underside of tank cars as well as the open ends of hopper and covered hopper, and in particular (and the focus of this article) the two vertical streaks of muddy, grimy dirt, the exact width of the rails, seen on all cars -- see the two prototype photos opposite.

Mont Switzer's fine article in the May 2015 NMRA Magazine, "Wood Meat Reefer Weathering" parallel streaks with his airbrush: cardstock with two parallel vertical gaps the width of the wheel treads, held directly against the end of the car while the weathering color was applied. Switzer made the point that these wheel tracks are "indicative of a car that has seen high speed operation," but they also result, regardless of speed, from poorly ballasted track where mud is pumped up around the rails.

Switzer's basic cardstock mask is certainly frugal enough. I made bond paper masks that can be wrapped around the end of a car and taped to prevent overspray from getting on car sides and roof. But while a mask held tightly against the car end works with an airbrush which allows the feathery texture of the prototype, I hate cleaning my airbrush, so I try to do as much weathering as I can with rattle can paints, which lack that fine control.

Thus I wanted 1) a stiffer mask with 2) a spacer of some sort between the mask and the surface. Thinking back to my Spring 2010 Waybill "Frugal



Photos 1 and 2 are prototype photos showing the "wheel tracks" on the ends of freight cars from dirt and mud thrown up by the wheels of adjacent cars, or in the case of tank cars, the car's own wheels too. All photos this article by Dave Nelson.

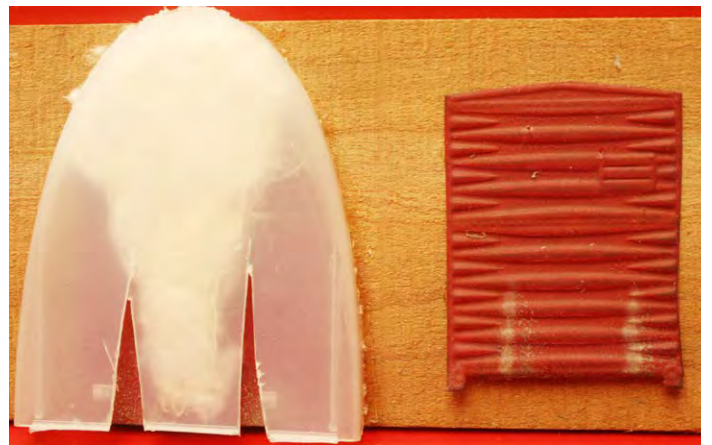


Modeler" on using medicine chest plastics, my favorite dental floss containers with one side cut out are just the right height and width for most HO freight car ends. The parallel vertical gaps are cut into the plastic, and the spacer -- a bit of a cotton ball (frugally saved from bottles of aspirin and vitamins) -- pushes the mask, if held exactly facing the car end, far enough away from the surface that the feathered look possible with airbrushing can be approximated, and even duplicated, using rattle cans.

Photo 3 shows my version of Switzer's paper mask on an O-27 boxcar of approximately S scale size, an original dental floss container and an 'inside' look of two masks made from the containers with cotton ball spacers, the short one for tank cars and gondolas, the tall one for house cars and hoppers.



Photo 3 above shows my paper mask, the original dental floss container and an 'inside' look of two masks made from the containers with cotton ball spacers, the short one for tank cars and gondolas, the tall one for house cars and hoppers.



Photos 4, 5 and 6 above and to the right show masks with sample ends for gondolas, box cars and tank cars.

Photos 4, 5 and 6, show three such masks and examples of car ends, for house cars and hoppers (including covered hoppers), for gondolas, and for tank car ends. The photos are of a sample prop I use during my weathering clinics.

The edges of the floss container help prevent paint from hitting the car sides, but to be safe I also loosely mask the car sides with paper near the ends of the car, held in place with blue painter's tape as shown in photo 7 below. Both the paper and the tape can be re-used for numerous cars.

To avoid the time and bother of having to thoroughly mask the entire car, I place the car into the discarded round Kleenex boxes which my not-so-frugal spouse really likes, so the entire car is easily and effectively protected from the typical rattle can overspray. See photo 8 to the right.

Speaking of weathering, I'll be giving my two part weathering clinic at the NMRA Midwest Region convention in Madison, Wisconsin which will be held April 13 - 15, 2018. Come around and say hello.



Photos 7 to the left and 8 above show a boxcar with the dental floss container mask at the end. The paper wrapped around the car near the end protects it from overspray. The entire car is placed inside a round Kleenex tissue dispenser to protect the unmasked part of the car from any overspray.



**NMRA MIDWEST REGION CONVENTION  
MADISON, WISCONSIN APRIL 13-15, 2018**

The Capitol 400 is now boarding for Madison, Wisconsin. Hurry and get your ticket so you don't miss the trains! Yes—trainS. The Midwest Region Convention is less than two months away—April 13-

15. A great lineup of clinics is listed on the convention webpages at <https://www.nmra-scwd.org>. Many of these clinics will have their debut at the convention. And don't forget our two special programs. First on Saturday morning at 9:30 will be Tom Garver, assistant to O. Winston Link on his famous Norfolk & Western night photo safaris recording some of the last of U.S. steam railroading. Tom was the founding curator of the O. Winston Link Museum in Roanoke, Virginia and will enlighten us on Link's photographic career, from his early industrial photography to railroads. This program has been viewed by a limited audience and never to a model railroad group. You don't want to miss this one. At 11am, Model Railroader Editor Tony Koester will present a new clinic tentatively titled "Lessons Learned from Building Two—Now Three—Layouts." This will cover both the



Above: A Rio Grande train emerges from the tunnel into Kiddie, California on Dr. Bill Clancy's Rio Grande Pacific.



Above: A Class W 2-8-0 crosses Creamery Road in Macedon with a local on Ken Hojnacki and Pete Reinhold's NYO&W Auburn Division.

Below: A Soo Consolidation finishes coaling in Minneapolis on Bob Wundrock's Rice Lake, Dallas & Menomonie.



Below: A Soo Line train approaches Drain on Bob Wundrock's Rice Lake, Dallas & Menomonie.



Allegheny Midland and the Nickel Plate Road St. Louis Division layouts and add a hint of mystery about a third layout—an O-scale portable, one-town project railroad being built for a future MR article. Come get a sneak peek!

There will be a number of layouts open both Saturday and Sunday for your viewing pleasure. The Friday operating sessions are filling up fast, so don't wait if you want to operate.

Non-Rail activities will of course include Project Linus but there will also be presentations on building non-railroad miniatures, the American Red Cross disaster relief program and a master gardener program just in time for spring planting. We hope to also offer a tour to the EPIC Systems campus which contains an intriguing collection of art, architecture, interior design and outdoor landscaping. Stop at the Non-Rail Room for more information on this free tour.

### Annual Meeting of Members

**Radisson Hotel  
517 Grand Canyon Drive  
Madison Wisconsin  
Saturday April 14, 2018; 8 PM**

### Florida report by David Leider

Every January I go the Prototype Modelers meet in Cocoa Beach Florida. (I gave my potato clinic) After the meet I went down to see Tom Hammond's American Western railroad. I was interested to see where people put large model railroads in a state without basements. See more on page 9

Afterwards we visit my college buddy and have a few beers. While in West Palm Beach I caught a glimpse of the new brightline train in West Palm Beach.

I did not know it at the time, but it was parked for inspection. Unfortunately it was pouring rain and we did not stop. Later I passed by its competition, TriRail which was also parked. It had stopped raining so I jumped out and took some pictures. Unfortunately there was a lot of vegetation in the way. I heard brightline may be delayed because a local congressman wanted the railroad to put a plan in place to keep the train from killing people who were on the tracks.

Continued page 9

Our banquet will be a high-quality buffet Saturday evening. The main entrees will be Chicken Caprese, Baked Atlantic Salmon and a marvelous Bourbon BBQ Beef Brisket. Several committee members who tasted these items can attest that they are mouthwatering. These proteins as well as nearly all other banquet items are gluten-free. And remember, your registration includes the banquet.

After dinner Tony Koester will regale us with stories of model railroaders he has known over his 50+ years in the hobby. This should be a very entertaining cap to the evening.

There will of course be the Region model and photo contests (see new rules on the convention website) and the MidWest Region membership meeting after the banquet. So take pen in hand and complete and mail your registration form (found elsewhere in this issue) so you don't miss a minute of a great weekend of model railroading. Questions can be emailed to [capitol400@charter.net](mailto:capitol400@charter.net).



Above: A TRIRAIL train waits in West Palm Beach. The 70.9 mile, ex CSX line connects WPB with Miami.

Below: A brightline trainset open for inspection in downtown West Palm Beach. It is now operating between WPB and Fort Lauderdale. It uses the Florida East Coast tracks, with an ultimate route of Orlando to Miami.



# Capitol 400 Midwest Region NMRA 2018 Convention



April 13, 14 & 15, 2018

## Registration Form

ALL FARES INCLUDE BANQUET

Registration Type	Fare	Number	Total
Rail Early Full Fare (Must be received by March 31, 2018)	\$55		\$ 0
Non-Rail Early Full Fare (Must be received by March 31, 2018)	\$40		\$ 0
Banquet Only	\$30		\$ 0
Rail Full Fare After March 31, 2018	\$65		\$ 0
Non-Rail Full Fare After March 31, 2018	\$45		\$ 0
Non-NMRA member (includes 6 Month NMRA Rail Pass membership)	\$10		\$ 0
HO Scale Illinois Central Special Run Box Car	\$20		\$ 0
<b>Total Enclosed</b>			\$ 0

Name For Badge <b>**PLEASE PRINT**</b>	NMRA Number	Non-Rail
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>

Please indicate any special dietary restrictions for the banquet:

### FRIDAY AFTERNOON AND EVENING OPERATING SESSIONS

Operating Sessions will be held Friday afternoon from 1pm to 4:30pm and Friday evening from 6:30pm to 10pm. You can sign up for afternoon, evening or both. Indicate your layout preference—1<sup>st</sup> and 2<sup>nd</sup> for each session. See layout descriptions on the Operating Sessions page of the website: <http://www.nmra-scwd.org/operating-sessions.html>

Afternoon Session 1-4:30pm	Evening Session 6:30-10pm
___ Bill Clancy Rio Grande Pacific	___ Bill & Rose Weber Union Pacific
___ Bob Wundrock RLD&M	___ Ken Hojnacki & Peter Reinhold NYO&W

Crew assignments will be based on first received/first assigned. A waiting list will be created if needed. You are expected to operate; there will be plenty of opportunities to view the layouts at regular tour times. You will be notified of your assignment via email so be sure to include it below. The Committee reserves the right to cancel or change layouts.

Street: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-mail: \_\_\_\_\_ Phone #: (\_\_\_\_) \_\_\_\_\_

Mail to: **Capitol 400**  
c/o Keith Thomsen—Registrar  
7202 New Washburn Way  
Madison, WI 53719

Make checks payable to: "SCWD Capitol 400" (No cash, please.)

Office Use Only
Amt Rec'd: \$ _____
Check No.: _____
Op Session Status: _____

[www.nmra-scwd.org](http://www.nmra-scwd.org)



# OWN THIS UNIQUE CAR



The Fox Valley Division of the NMRA offers a unique refrigerator car kit in HO scale. It is based on an original design by the late Master Model Railroader Don Cook. Cook Orchards was a major industry on Don's Great Northern Railway Spokane Division layout and he had many of these cars in service moving apples from the Washington State orchards to the storage facility. As a member of a group of Northeastern Illinois/Southeastern Wisconsin modelers, Don made sure his cars found their way to other railroads in the operating group.

This is an Accurail kit made in the USA and the artwork faithfully replicates Don's original design. The kit includes decals for road numbers 100 through 156. **The cars sell for \$23 per car. Shipping and handling within USA: \$7.50 - one car; \$14 - 2 to 4 cars. Money order or check payable to: Fox Valley Division, NMRA. Please send orders to: Fox Valley Division Car Project, c/o Charles Rita, 331 Florence Avenue, Evanston, IL 60202. For more details, visit [www.foxvalleydivision.org](http://www.foxvalleydivision.org). For questions or international orders, contact [website@foxvalleydivision.org](mailto:website@foxvalleydivision.org)**



## Spring Board of Directors Meeting

**Radisson Hotel  
517 Grand Canyon Drive  
Madison Wisconsin**

**Sunday April 15, 2018; 10:30 AM**

Left: Tom Hammond's American Western railroad in Titusville Florida

Below: Just the thing for melting snow on the outdoor layout! Maybe someone will build a model and bring it along to Madison.

Tom Hammonds pike is in a large room above the garage. See photo above. It was an HO scale, free-lance layout with a lot of equipment. The layout measures 18x20 feet and he began building it in 1962.

It includes a working hump yard, large mountain with a mine and a logging spur. He like to run fan trips pulled by steam, although the time period is modern.

## Woolery's 2-in-1 Midget "Octopus"

*Melting  
Ice  
and  
Snow  
in  
Winter*

*Burning  
Weeds  
and  
Vegetation  
in  
Summer*

*This Record of Ice and Snow Melting was made by one of the large railroads following the snow storm of March 1st, 1930. 3 Double Slip Switches 60 Switches 1 Railroad Crossing Flanged about 3 miles of track Time on the job: From 10:30 a. m. to 3 p. m. with one hour off for lunch and 40 minutes delay account of switch engine.*

### The Midget "Octopus" Ice Melting Machine

Practically the same machine as the original Woolery Midget Octopus Railway Weed Burner except that it is equipped with special burner heads and a reverse gear. By a simple change of the burner heads this machine can be transformed from an ice and snow melting machine to a railway weed burner—*vice versa*, from a railway weed burner to an ice and snow melting machine. Thus, you have a combination machine that will pay good dividends both winter and summer. There isn't a railroad in the world today that can afford to be without one or more of these Woolery Midget "Octopus" Chore Boys.

Write for Prices and Further Information  
**Woolery Machine Co. INVENTORS and MANUFACTURERS Minneapolis, Minn.**