



The Trainwire.



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Concerns of Division 5.

Some immediate concerns have come to my attention over the past few weeks. So I am using the Trainwire venue to express these concerns:

1. We need budget numbers from **ALL** committee chairs. You will not be allocated any funds without having a budget approved.
2. Division 6 has sent me some registration forms for next year's Regional Convention in Columbus. I'll bring them to a forthcoming meeting.
3. I received notice that Atlanta, GA has been awarded the 2013 National Convention. As I mentioned at the last meeting, Pittsburgh did not win the convention.

4. Last month's meeting was at the Willoughby City Hall, since the modules were there for Frontier Days. This may have been the last year for that show. Appears it's being replaced by the Heart of Willoughby show in August. That brings me to my main point. We are wondering what the club wants to do with the modules. There doesn't seem to be much interest from the membership. The same six people work on them, set them up, and take them down. At Railfest, many members bring trains to run, but otherwise do not participate. We are supposed to be in the process of building new modules. The Board had many discussions prior to approving construction. Now, module meetings



Al Cap – Superintendent
 Division 5
 NMRA – Mid Central Region

are called and no one comes. After a year, we don't have a track plan. At this rate, it will be 3 years before they are done. Should we proceed further? The modules are great public relations and illustrate what model railroading is all about.

They have attracted many new members and kids of all ages love them. The hobby prospers and the Division lives, which is the purpose of our club. The current modules are showing their age. Their condition is embarrassing because I know we can do better. I include my 2 modules in this discussion. I hesitated

working on them figuring if they are being replaced, why spend the money and time. Because of delays with new modules, I finally took one of them home to rehab. With a setup coming, the major points are fixed, but it still needs some TLC. The other module will be spruced up shortly. With the Christmas

display coming up after Thanksgiving at Lakefarm Park, please spruce up your module for one of our two biggest shows of the year. In the meantime, think about what the modules mean to the Division. Let the Board know your opinion. Most of all, **get involved!** ☘

UPCOMING DIVISION 5 MEETINGS

Division 5 monthly meetings normally start at 7:30 PM.

October 3rd

Location: Hambden Town Hall
 Program: "Golden Spike"
 Bring & Brag: Orange and Black

November

Location: Hambden Town Hall
 Program: "18 Wheels of Steel"
 Bring & Brag: Best of Show

No December Meeting.

The Western Reserve Model Railroad Museum
 7471 Tyler Blvd. Unit "L"
 Mentor, Ohio 44060

Fall Hours

Monday thru Thursday 3:00 PM - 9:00 PM
Friday — Closed
Saturday 10:00 AM - 5:00 PM
Sunday Noon - 5:00 PM

Contact Rick @ 440-251-0350 for more information.
www.wrmrrm.org

SCHEDULED EVENTS

Carnival of Model Railroading Cuyahoga County Fairgrounds Berea, Ohio	Oct. 4&5
Mid-Central Regional BOD Columbus, Ohio	Oct. 12
Division 5 BOD Meeting Hambden, Ohio @7:30 PM	Oct. 20
NMRA Promotional Day WRMRRM Mentor, Ohio	Nov. 1
WRMRRM Reverse Raffle Patrician Party Center Eastlake, Ohio	Nov. 15
Division 5 BOD Meeting Hambden, Ohio @7:30 PM	Nov. 17
Holiday Open House WRMRRM Mentor, Ohio	Dec. 6

Modeling an Industry.

By Ken Stroebel

In a previous Trainwire article, I described how a paper mill operates and how I chose to model one as a focal point on the layout. As I was starting to write the second part of the article that was to discuss detailing the mill, I decided to change my focus and discuss some general components of modern industries that could be added to a layout to make them more prototypical. While most modelers have to compress and eliminate certain features that might be found in an industry, adding some of those important details will enhance your overall scene, even if you have had to eliminate some buildings. I've in-

cluded in this discussion some general aspects of modern industries which are common to most structures or locations. Many industries that utilize rail services are based on the receipt of or manufacture of some product or raw material in a liquid form. While rail cars (primarily tank cars) may be used to temporarily store the material trackside until it is needed, typically the railcar will be moved into position, hoses attached between the rail car and the pump transfer station, and the contents pumped into a series of either exterior and/or interior above ground storage tanks (ASTs). These tanks typically are dedicated as to which materials they hold.

While as modelers we're not that interested with interior tanks, we do want to include exterior tanks in our modeling efforts. Tanks can be built in many shapes and sizes, and are typically situated at an industrial site based on the amount of available land, safety concerns (based on their contents), and where they need to deliver the raw material within the manufacturing process. If enough land is available, tanks that store flammable materials may be built several hundred feet

away from buildings to lessen the damage from potential fire or explosion. While model railroad layouts typically won't have a large area for tanks, they can be fit against a building or slightly away from a building.



Tanks can be constructed in a variety of sizes depending on what you're trying to model. Regardless of size, the common aspect of tanks is that they are situated in groupings or areas known as a tank farm, and surrounded by some sort of containment structure. Simply speaking, containment structures are built to contain a spill and are large enough to hold the volume of the tank plus a rainfall event so that the spill doesn't reach the ground or nearby surface water. Secondary containment structures are typically poured concrete walls, although they can also be earthen dikes or cinder block walls. Tanks are also underlain by a concrete floor, which keeps any spilled liquids from getting directly into the ground. Depending on their size, tanks may have circular staircases associated with them, although the more com-

mon configuration for small tanks is vertical safety ladders along the side of the tank. As seen in the attached photo, tank farms rarely are composed of the same size and type of tank. If the contents do not require heating, then the tank may be made of some sort of plastic or steel. If steam is required to keep the contents at a constant temperature, some sort of insulating jacket can be found around the tank. For modeling purposes, I make my containment walls and floors using pieces of styrene that are cut to size and then bonded together. I have chosen this approach since most of my plants use various chemicals, and concrete walls can safely contain any leaks. If you're modeling a petroleum plant, typically the containment is earthen, due to the large size of the tanks. Check the Walther's catalog or your local hobby store for lad-

ders that may be suitable for your modeling.



If you want to add details to the top of the tank, try adding vents, pressure relief vents, and/or safety railing. Tanks may also have a motor mounted at the top, if the contents require constant agitation to keep from hardening. Most of these items can be made using other parts or scrap from other kits. Another detail item is adding a tank number to the side, or adding

safety diamonds which tell the hazards of what's contained within the tank. If your particular company has a logo, you might want to add it to one of the more prominent tanks. Smaller chemical tanks are typically painted white, while larger tanks (containing petroleum, chemicals) may be a dull silver color. Microscale makes several decal sheets that are applicable to label-

(Continued on page 4)



Modeling an Industry cont.....

(Continued from page 3)

ing tanks. Additional details at the base of the tank may include pumps or valves. Of course, the most common detail to add to the tank is the piping, which may be situated just above the ground surface on pipe stanchions, or elevated to protect against vehicle traffic from damaging the pipe. The choice is yours. Again, most of parts can be made using other parts or scrap from other kits, although the Walther's catalog does offer some alternatives for the various parts. If you have liquid raw materials delivered by rail or by truck, those unloading areas are also underlain by secondary containment. Quite often companies will place cement between the rails, slop-

ing the concrete so that anything that drips is captured and flows to a sump beneath the rail car. In cases where concrete mat be too expensive, a device known as a track pan may be used to capture any drips or releases. On my layout, all of the tank car unloading areas have been made using hydrocal or plaster-of-paris. I'll typically make a form for the area that I want to cover, mix up the materials, and pour it directly into the form. After the mixture has setup for 5-15 minutes (dependent on the material and how thick you've made it), I'll take a metal ruler across the form to scrape off the still wet material so that I have a uniform surface. I also use a pointed tool to remove enough material around the rails that



wheels will move freely. The final item that should be discussed regarding tanks is weathering. If your facility is profitable and your plant manager is good with money for maintenance activities, you'll find that your tanks

and piping are painted often. Housekeeping is very good and your tanks might even sport your company's logo on the side. However, if maintenance has been secondary, then your tank may show signs of varying amounts of weathering, especially around hatches or stanchions. Paint will often be peeling or cracked, and rust stains abound the sides and legs of the tank. Remember that adding some rust marks or materials spilled onto the containment will also add realism. ☘

In the next segment, we'll look at electrical sources and some roof details.



HO Parts Website

By Ken Stroebel

As most everyone knows, the Internet is a great source of information on a vast number of topics, including many facets of model railroading. I recently became aware of a website which is invaluable to HO scale modelers, especially those who may collect or need to repair kits from years past as well as current releases. The website www.HOseeker.org presents an inventory of HO-Scale products (engines and rolling stock) and has most of the catalogs printed between 1947 and

1974. While it features catalogs, the best part of the site is that it contains exploded views for various locomotives and rolling stock as well as instructions (when they were provided with a kit). While I have tried to keep the parts list for most of the items I have purchased in a folder, this website presents a full list and has an easy to use search feature. Let's say you need a part for the Athearn SD40-2 that you purchased a few years ago. By selecting the Train Literature link, you'll be taken to an Athearn specific page, which has pull down

links for the various brochures and catalogs produced by Athearn, as well as pull down menus for specific rolling stock, steam locomotives and diesel engines. Listed in the "Literature Section" are Assembly Diagrams with Part Numbers for many different HO train engines and rolling stock, including the following sample: Athearn, Atlas, Bowser, Penn Line, Kato, Varney, Model Die Casting, Roundhouse, Mantua, Tyco, Globe, AHM, Bachmann, Model Power, and many more. I'm sure that some of our older

members are well familiar with kits from names such as OK Herkimer, Pacific Fast Mail, and American Beauty and many others listed. For a trip down nostalgia lane or if you need a specific part of some kit by a manufacturer no longer around, go and try out this website. You may want to check this website out just to see some of the kits that have been offered. The website also has a nice page of links to various corporate web sites for model railroad suppliers. ☘

Division 5 Meeting Minutes.

September 5th, 2008

Superintendent Al Cap called the meeting to order at 7:38 pm at Willoughby City Hall. Approximately 25 members and 2 guests were present.

- Pittsburgh, PA will not be hosting the NMRA national convention in 2013. It will be in Atlanta, GA, instead.
- The GATS show at the Cleveland IX Center will be the same weekend as Division 5's Railfest in March 2009.
- The car projects that Division 7 is offering was announced.
- For those that complain about the Division sales table at Railfest, it was noted that Division 7 collects 10% of their Division table sales at their show. Division 5 does not require any percentage from our members.
- Comment was made about EnterTrainment Junction in West Chester, OH. It is billed as the largest indoor G model railroad.
- Planning work is in process for the Div 5 hosted 2011 MCR convention. Dale Smith and Matt Kross have been talking with local hotels and requesting pricing information. We need to start working on a name for the convention.
- Promo Day 2008 status: The fliers are available. We need people to volunteer to open their layouts in the evening for layout tours. Anyone willing to do this should contact Bruce Lutheran 440-257-2105 or PromoDay@mcr5.org. Bruce is currently working on advertising for the event.
- The planned Division 5 meeting aboard the AC&J railroad in Jefferson, OH has been postponed until June. The October Div 5 meeting will be at Hambden Town Hall.
- Treasurer Bonnie Lette read off the financial account balances.
- It was noted that the Ohio Central Railroad has been sold but the steam program has been retained by the original owner.
- Not much progress on the new HO modules. There is a serious lack of participation on the project. They are still working on the overall track plan. They are doing research to see what the track layout was like in Northeastern Ohio 50 years ago.
- Any Division 5 committee or function that wishes to spend money in 2009 is required to submit a budget request to the Div 5 BOD at the September 15th meeting.
- Jack Metcalf reported on the plans for Collinwood Masonic Lodge's railroad night on Saturday, September 20th. The Div 5 HO modules will be set up there. All members are welcome to attend. Dinner is at 6:00 pm and costs \$8. The program starts at 7:00 pm and will feature a number of speakers talking about different aspects of prototype and model railroading.
- Several Div 5 members reported on their visit to the AC&J Railroad to see the saddle tank steam locomotive brought in for Labor Day weekend train rides. The locomotive was brought in on a flat bed truck. They made a pilot run when it arrived and those on hand got a free ride. The weekend turned out to be a very successful event for the AC&J. All those that attended had a great time.
- It was mentioned that Mike Buehner is working on a list of local area train-related sites.
- It was asked if the Lake Shore Live Steamers will be holding their annual Hobo Stew Dinner again and, if so, are Division 5 members invited? Those present did not know the answer. Al Cap said he would check.
- 6000 Railfest fliers have been distributed so far. If you need some, contact Rob Bowers. We need all members to help pass them out to friends, relatives, co-workers, etc. and to post them at work and in their local community.

Members were again encouraged to take a serious look at the NMRA Achievement Program (AP). Take a look at the series of articles in Scale Rails covering each of the certificates. ☘



Member NMRA,
MCR, Division 5.

Anthony J. Spena, CLU, ChFC, CEP Spena Financial Services, LLC



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Note from the Clerk

In writing up the meeting minutes the last couple of months, I noted that there were quite a few things announced at the meeting that would be over by the time people receive the next Trainwire.

If you want to be in on the latest, up-to-date information and not miss out on something, come to the Division 5 monthly meeting! Besides the business meeting where you can find out about what is going on, we have free refreshments, a Bring & Brag period, an oppor-

tunity for people to show or talk about what they are currently working on, a monthly swap table, a monthly raffle, and some sort of program for the evening. It is a great time to socialize and talk trains. **Matt Kross.**

Businesses Accepting Division 5 Certificates

The businesses listed below are currently accepting Division 5's award certificates:



Stewart's Hobbies & Collector's Toys
Hobby Town USA
Train Specialty Company
Village Train Shop
Toy-N-Hobby Headquarters

Willoughby, Ohio
Mentor, Ohio
Chardon, Ohio
Perry, Ohio
Geneva, Ohio



Please support these dealers!

Division 5 BOD Meeting Notes

September 15th, 2008

Present: Al Cap, Dale Smith, Bonnie Lette, Wayne Lette, Don Bittner, Bruce Lutheran, Matt Kross and Lenny Kessler.

- For clarification, future Division 5 BOD meetings will be held at 7:30 pm. The Clerk is instructed to send out an e-mail reminder of the meeting several days in advance.
- The majority of the meeting was spent putting together the 2009 budget. Only two budget requests were submitted, one from the Webmaster and one from the Clerk. The Division 5 guidelines are that we spend no more in the upcoming year than income we received in the current year. Since Railfest 2008 income was approximately \$2,000 less than previous years, we need to cut back on spending in 2009. A first pass at setting the amounts for each budget category has been made. The total 2009 budget still exceeds 2008 income. Bonnie Lette will update the budget spreadsheet and send it to the BOD members for review. The BOD will go over the budget again at the October meeting. One budget area where costs will be higher in 2009 is that of Promo Day. We are planning on having Promo Day at Lakeland Community College and to conduct layout building demonstrations using a project layout in various stages of construction. Bruce Lutheran and Dale Smith will put together a proposed budget for this to be presented at the October BOD meeting.
- Promo Day 2009 Planning: It will be held the first Saturday in November. Bob Frieden will be using the small gym at Lakeland that day for an O-scale trainshow. This may allow us to share security costs. We are planning on using one of the other gyms for approximately 6 hours. The rental for Lakeland looks like it will be less than \$600, but the details still need to be worked out. The main program for the event is the building of a small project layout. The intent is to have four separate demonstration areas that will show basic framework construction, track laying and wiring, building structures, and scenery. The one project layout that ends up being completed at the final build station will be raffled off to those attending the event. We will solicit donations from manufacturers to help reduce our costs. The intent is for the layout to be small enough to fit under a child's bed. Because of this, we need to use N-scale and make the layout approximately 30" by 6 feet.
- The BOD decided we need to reduce the number of paper copies of the Trainwire being sent out. Copies of the Trainwire being sent to other divisions will now only be sent electronically.
- A suggestion was made that we break the top two Losers Raffle prizes into smaller amounts so that more prizes are available. The BOD will discuss this further at the October BOD meeting.
- There is concern about the state of the HO module group. There is very little participation and the work is always falling on the same few people. There is also concern about the condition of the existing HO modules.
- It was noted that we need guidelines/rules for what mileage expenses can be reimbursed for Division 5 business.
- A list of the current Division 5 Company Store stock was presented. We still have over 100 of the HO and N reefers. ☘

Next BOD meeting will be October 20, 2008 at Hambden Town Hall at 7:30 pm.



The Western Reserve Model Railroad Museum Reverse Raffle

Cost of ticket \$80.00/two dinners \$50.00/one dinner

Saturday November 15th, 2008
The Patrician Party Center - Eastlake, Ohio
33150 Lakeland Boulevard
Eastlake, Ohio 44095

Doors Open at 5:30 PM

Side board and 50-50 tickets available for sale
 There will be three side boards (\$5.00, \$3.00 and \$2.00) to start
 More if necessary

Open Bar opens at 6:00 PM

Dinner at 7:30 PM

Menu

Mixed garden salad
 Moist baked chicken
 Top round of beef with gravy
 Seasoned red skin potatoes
 Mixed vegetables or green beans
 Rolls and butter
 Coffee, Tea and dessert

D J will provide music during dinner with music and dancing after drawing

Drawing will start after dinner

Main and all side board numbers are drawn at the same time

1st number drawn is worth a \$50.00 *gasoline gift certificate*
 Numbers 40, 80, 120 and 160 are all worth a \$25.00 *gasoline gift certificate*
 195th number drawn is worth \$50.00 *gasoline gift certificate*
 Last number is worth **\$1500.00** (*last 5 numbers may split*)

The Patrician Party Center Closes at 11:30 PM

All decisions by the Raffle Committee will be final.

For more information, contact Lenny @ 440-478-6661.



5th Annual

NMRA - MCR - Division 5 National Model Railroad Month Promotional Day



Saturday, Nov 1st 2008
10:00 AM - 5:00 PM
"Free Admission"



Western Reserve
Model Railroad Museum
7471 Tyler Boulevard,
Units L
½ mile east of Rt.306
on north side of street



Mentor Ohio

Activities

(subject to changes)

- Home layout operating session
- LEGO layout
- Self guided layout tours
- Company store
- Videos
- Operating trains in several scales



Coffee, Pop, Donuts and Snacks Through Out the Day!

For Information
email: PromoDay@MCR5.Org
or phone 440-257-2105



**DIVISION FOUR
MID-CENTRAL REGION
NATIONAL MODEL
RAILROAD ASSOCIATION**



www.div4.org

CARNIVAL '08

"MODEL TRAIN SHOW"

SATURDAY, OCT. 4, 2008 - 10 A.M.- 5 P.M.

SUNDAY, OCT. 5, 2008 - 11 A.M.- 4 P.M.

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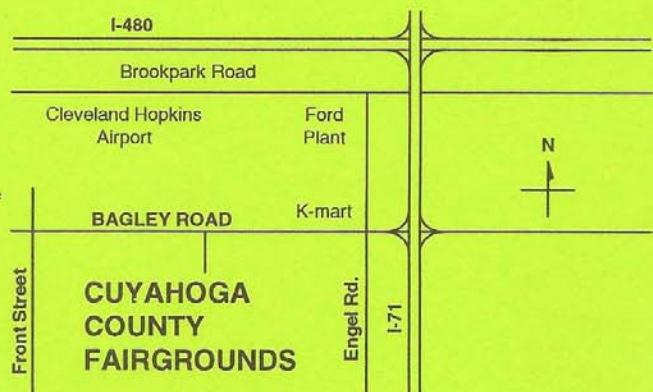
**ADMISSION:
\$6.00 ADULTS,**

CHILDREN UNDER 16 FREE W/ ADULT

***** NEW *** TWO DAY PASS \$9.00 *** NEW *****

For Information, Contact:

**Barb Mickley
(216) 598-0783**



Team Trackwww.MCR5.org

Division 5 Officers

(Terms expire June 2010)

Superintendent	Al Cap	440-729-1458	Super@MCR5.org
Asst. Superintendent	Dale Smith	440-286-4932	AstSuper@MCR5.org
Treasurer	Bonnie Lette	440-298-3075	Treasurer@MCR5.org

Division 5 Trustees: (Terms expire June 2010)

Mike Buehner	440-428-0137	Bruce Lutheran	440-257-2105
Wayne Lette	440-298-3075	Don Bittner	440-257-7555

Division 5 Board of Directors: BOD@MCR5.org**Division 5 Appointed Positions:** (Terms expire June 2010)

Clerk	Matt Kross	440-729-3045	Clerk@MCR5.org
Railfest Chairman	Rob Bowers Jr.	440-942-3039	Railfest@MCR5.org
Promo Day Coordinator	Bruce Lutheran	440-257-2105	PromoDay@MCR5.org
Achievement Program	Bill Brodie	216-780-0938	AP@MCR5.org
Contests	Bill Brodie	216-780-0938	Contest@MCR5.org
Auditors	Mike Schaab Matt Kross	440-255-2530	Audit@MCR5.org
HO Module Coordinator	Rick Montgomery	440-251-0350	ModuleCoordinator@MCR5.org
Trainwire Editor	Lenny Kessler	440-478-6661	Trianwire@MCR5.org
Refreshments	Ron Biddell	440-352-3730	Refreshments@MCR5.org
Membership Roster	Matt Kross	440-729-3045	Membership@MCR5.org
Convention Co-Chairs	Dale Smith Matt Kross	440-286-4932	Convention@MCR5.org
Webmaster	Wayne Lette	440-298-3075	Webmaster@MCR5.org
Company Store	Al Cap	440-729-1458	CompanyStore@MCR5.org

October Division 5 Meeting

October 3rd, 2008.

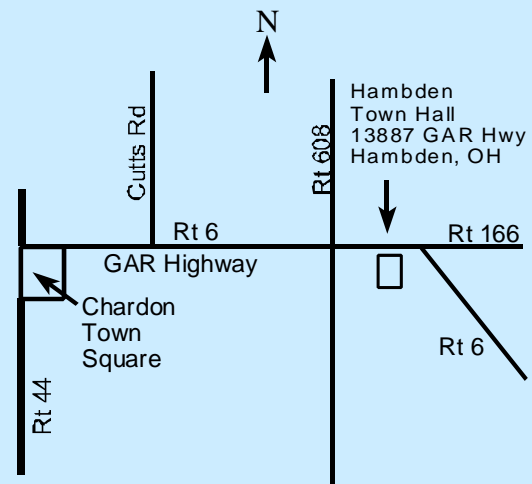
Location: **Hambden Town Hall**
13887 GAR Highway (Route 6)
Chardon, Ohio

Located on Rt. 6 between the intersection of Rt. 608 and Rt. 166 next to Hambden Elementary School east of Chardon.

Program: "Golden Spike"

Bring & Brag Theme: Orange and Black.

*Reminder: Bring & Brag entries **DO NOT** have to adhere to the Bring & Brag theme for the evening. The themes are meant to add some variety to the types of model work shown and to encourage members to work on something they may not have tried otherwise. The themes are not meant to discourage you from bringing in other model work that you have completed in the last 6 months. By all means, bring it in and show it off!*



Map to Hambden Town Hall

November Trainwire Deadline
October 20th.

The Trainwire Newsletter

3257 Center Road
Perry, Ohio 44081
Publication of Division 5
"The Western Reserve Division"
Mid Central Region
National Model RR Association, Inc.
A Non-Profit Educational Organization

October, 2008

Electronic Version

Division 5 Membership
as of September 1st, 2008



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The Trainwire

The Trainwire is an official publication of Division 5 "The Western Reserve Division", Mid Central Region, of the National Model Railroad Association. It is published approximately once a month and mailed to all NMRA members residing in Lake, Geauga, and Ashtabula counties (Ohio) free of charge, as

long as the Division has funds for mailing. Others wishing to receive it may do so for the annual fee of \$12.00. Information regarding *The Trainwire*, Division 5, or the NMRA may be obtained by writing to 3257 Center Road, Perry, Ohio 44081 or sending an e-mail to Trainwire@MCR5.org. The Train-

wire and Division 5 activities are funded by flea markets, raffles, contributions, and donations. All comments and opinions are welcome. Those views expressed in *The Trainwire* do not necessarily reflect the policies or opinions of the NMRA, the Mid Central Region or Division 5

The Western Reserve Division 5



www.mcr5.org

A non-profit educational organization



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