Welcome to Indianapolis

The Central Indiana Division of the Midwest Region is pleased to host this year’s NMRA National Convention and National Train Show® (NTS®) in downtown Indianapolis, Indiana. The 2016 National Convention begins on Sunday, July 3rd and continues through Saturday, July 9th. The National Train Show® will begin on Friday, July 8th and end on Sunday, July 10th. Remember, convention registrants have the NTS® included in their registration, and early access to the NTS®. The Train Show opens to registrants at 9:00A on Friday and to the public at 12:00P. Further information about the NTS®, including public ticket pricing, is found below under the National Train Show® heading.

The Highball to Indy 2016 host committee has been busy gathering information about layouts, prototype facilities, general interest attractions, and clinicians and their clinics. Whether you participate in the rail or non-rail portion of the program, you will be able to find enough to keep you busy while attending the convention. Downtown Indianapolis has many attractions available within walking distance of the Westin. These include museums, sports arenas, general interest locations, the zoo, and shopping. There are also many restaurants in the downtown area. With plenty to see and do, downtown Indy is a great place for families. Consider making this convention a family affair. Check out the family registration rate on the convention registration form.

If you have never attended a national convention, there’s no time like the present to check that off your bucket list. Getting to Indy is easy and once you do arrive, there will be plenty to do and see. We believe it will be easy for you to find activities that will interest you during your stay in Indy.

This packet is meant to provide information about the convention activities. It does include descriptions and pricing for layout, prototype, and general interest tours. That information is also included for extra-fare activities, such as Modeling with the Masters (MWTM) clinics.

Be sure to register for the convention and make your choices for those extra-fare activities. Some of the most popular tours and extra-fare clinics sell out early.

### Convention Hotel

The convention hotel, The Westin Indianapolis, located at 50 South Capitol Avenue, is 100% smoke free and was recently remodeled. As the convention hotel, the Westin will be home to NMRA
meetings, the non-rail program, clinics, the contest room, the silent auction, SIGs, and Operations Roadshow. Unless otherwise noted, all on-site convention activities will be held in the Westin. Bus tours will depart from, and return to, the Westin. This is the place to be. The special, convention rate for a single/double room will be $119 per night.

Online room registration may be accessed from the following URL:

https://www.starwoodmeeting.com/Book/nationalmodelrailroad

National Train Show®

The 2016 National Train Show® will occupy over 164,000 square feet of space in the Indiana Convention Center which is directly across Maryland Street from the Westin and is reached by a second floor enclosed Skyway. You’ll not have to worry about traffic or weather as you go back-and-forth between your hotel room and the NTS® show floor. As per usual, there will be representatives from many model railroad manufacturers, vendor booths with products for sale, and examples of fine model railroad layouts on display.

Tickets for public attendance are:

- Adult, single day - $14
- Discounted Adult, single day - $13
- Two Day Adult (One Person) - $26
- Youth (ages 6 – 12) - $7
- Children under the age of 6 - Free

Remember, those who have registered for the convention have free access to the NTS®. Just be sure to wear your convention nametag.

Non-smoking policy

Both the Westin Indianapolis and the Indiana Convention Center are non-smoking facilities.

Transportation

Regardless of your mode of transportation, it’s easy to get to Indianapolis. Long known as “The Crossroads of America”, Indianapolis owes that name to its geographical location. If you are driving you have a choice of interstate highways; I-70 from the east and west, I-65 from the northwest and south, I-74 from the northwest and southeast, and I-69 from the northeast and southwest.

For those of you flying to the convention, you will arrive at the award-winning Indianapolis International Airport. In 2008, the airport opened a new mid-field terminal. It is served by 9 airlines and includes 40 gates on two concourses. There are 39 daily non-stop destinations and a total of 180 daily departures. After your arrival, it’s a 20 minute ride from the airport to downtown.

Amtrak has two trains that make Indianapolis stops. The Cardinal and The Hoosier State provide daily service to Chicago and three days per week service to Washington, D.C., New York and access to the rest of the Northeast Corridor. Amtrak and Greyhound share station space near downtown.

Company Store
Convention Cars

The 2016 HO-scale Convention Car will be a Tangent PS-4000 covered hopper painted for the Monon Railroad. Included with the car will be 2 placards and 2 Highball to Indy 2016 logo decals. This will allow the modeler to modify the car to display the convention logo.

The Monon Railroad opened in 1853 as the Chicago, Indianapolis, and Louisville Railroad connecting Lake Michigan with the Ohio River. Later, the railroad changed its name to Monon – The Hoosier Line. The 300-miles of tracks were essentially totally within the state of Indiana, with short sections of trackage rights connecting with the major terminals of Chicago, IL and Louisville, KY. The Monon ran through the limestone-producing area of southern Indiana and the farmlands of northern Indiana. Based on this, building stone and grains were major products shipped on the railroad.

The 2016 N-scale Convention Car will be an Intermountain, 40-foot, WWII War Emergency Boxcar lettered for the Nickle Plate Road. This is an outside-braced wood boxcar. Due to the small size of the car there is not room for a convention logo decal. Inventory of the individual numbers is limited.

The New York, Chicago, and St. Louis Railroad was also known as the Nickel Plate Road. Its operations through Indiana covered quite a bit of the northern half of the state with a connection between Buffalo, NY and Chicago, IL and another connection between Toledo, OH and St. Louis, MO.

Convention Car Sales:

CCH-1
HO scale Convention Car $44.95
Monon, car number 44003

CCH-2
HO scale Convention Car $44.95
Monon, car number 44038

CCN-1
N scale Convention Car $21.95
Nickle Plate Road, car number 8012

CCN-2
N scale Convention Car $21.95
Nickle Plate Road, car number 8047

CCN-3
N scale Convention Car $21.95
Nickle Plate Road, car number 8081

CCN-4
N scale Convention Car $21.95
Nickle Plate Road, car number 8124

CCN-5
N scale Convention Car $21.95
Nickle Plate Road, car number 8153

CCN-6
N scale Convention Car $21.95
Nickle Plate Road,
car number  8198

CCPH
Postage and Handling  $8.95
for Convention Car
For up to two cars (for mailing to
United States addresses) Please
contact us for mailing rates to other
countries.

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Tours

Brief descriptions of the tours are provided
below. Further details will be made
available on the *Highball to Indy 2016*
website. Current planning lists 19
prototype, 16 layout, and 11 general interest
tours.

Each tour has a specific tour number.
Layout tour numbers begin with an “L”,
Prototype tour numbers begin with a “P”,
and General Interest tours begin with a “G”.

The first number following the letter
designates the day of the week of the tour:

1 – Sunday
2 – Monday
3 – Tuesday
4 – Wednesday
5 – Thursday
6 – Friday
7 – Saturday

Tours that are labeled:

**Sold Out**

Tours that are labeled:

**Canceled**

have, unfortunately, been canceled due to a
lack of sales.

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Prototype Tours

Prototype tours are listed as follows:

<table>
<thead>
<tr>
<th>Tour Name</th>
<th>Date</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Amtrak, Beech Grove Maintenance</strong> Facility (Formerly the Big 4 Shops)</td>
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<td></td>
</tr>
</tbody>
</table>

We will have 4 tours of the Beech Grove Amtrak facility.

**P405**  Wednesday, July 6th  
9:00A - 1:00P  
**Sold Out**

**P510**  Thursday, July 7th  
9:00A - 1:00P  
**Sold Out**

**P612**  Friday, July 8th  
9:00A - 1:00P  
$34

**P715**  Saturday, July 9th  
9:00A - 1:00P  
$34

The shops were originally constructed in
1904-1908 by the Cleveland, Cincinnati,
Chicago and St. Louis Railway (the "Big
Four"). The facility passed to the New York
Central Railroad in 1922, on its formal
acquisition of the Big Four, and then on to
Penn Central Transportation in 1968 when
the Central merged with the Pennsylvania
Railroad. Amtrak purchased the facility
from the bankrupt Penn Central in 1975.
This is Amtrak's primary maintenance facility.

Safety requirements:

Attendees must wear shoes with a defined heel and solid toe – no tennis/sport/running shoes or sandals. They do not have to be work shoes. They could be full dress shoes, boots, casual shoes etc., just not tennis shoes or open toe etc., and with a defined heel.

No shorts or tank tops. Jeans, dress pants, Dockers etc. are acceptable. It would be best if the women wore pants.

AMTRAK will provide hardhats, safety glasses, and hearing protection.

No age restriction, but a parent, guardian, or responsible person is responsible for keeping the young person close to them.

Regarding accessibility, the facility is large and if a person normally uses a scooter for their mobility they will be instead transported on one of the Amtrak golf carts as long as Amtrak is notified in advance and as long as carts are available.

Indiana Rail Road Intermodal Terminal and Locomotive Maintenance Facility

P507 Thursday, July 7th 8:00A – 5:00P

The intermodal terminal receives trains with containerized goods from the Ports of Vancouver and Prince Rupert, British Columbia by means of a cooperative agreement with Indiana Rail Road and Canadian National. The new state-of-the-art $7.6 million Locomotive Maintenance Facility replaces a cramped, 100-year-old engine house and is equipped with state-of-the-art environmental controls, an ergonomically-friendly and climate-controlled working environment for INRD’s mechanical team, and an on-site parts warehouse. It can accommodate up to 6 locomotives at a time and has 3 pits for working under locomotives in addition to jacking pads and jacks for lifting locomotives to perform wheel/axle and traction motor replacement.

Safety requirements:

Work boots with a defined heel are required for the Locomotive Maintenance Facility tour

Indiana Rail Road will provide safety glasses.

French Lick Scenic in French Lick, Indiana

P201 Monday, July 4th $75 8:00A – 4:00P Restaurant

The French Lick Scenic Railway is located 100 miles south of Indianapolis. The museum operates on 25 miles of track from French Lick to Jasper Indiana. The route runs through portions of the Hoosier National Forest and goes through the 2200 foot Burton Tunnel and past impressive limestone rock cuts that are a typical part of the Southern Indiana landscape.
Indiana Transportation Museum in Noblesville, Indiana

P404  Wednesday, July 6th  
8:15A – 11:45A  
This tour is a bus ride from the hotel to the Transportation Museum.

P613  Friday, July 8th  
3:30P – 9:30P  
This tour is a 19 mile train ride from the Indiana State Fairgrounds to the Transportation Museum with a 1 1/2 hour stopover for riders to visit local restaurants for dinner on their own. The ticket price does not cover the cost of the restaurant stop. There will be time for a 1 hour visit to the museum grounds.

P714  Saturday, July 9th  
$48  
9:00 A - 1:30 P  
This tour is a 9-mile train ride from Fishers Indiana to the Transportation Museum for a 1-1/2 hour stopover at the Museum

The Museum owns and maintains three first generation locomotives and also a 1918 NKP Mikado that is undergoing restoration. The Museum also has two business cars and several Budd Stainless Steel Passenger cars built in 1937-1938 for the Santa Fe Scout Train. Two tours (Wednesday and Saturday) will be to tour the museum and equipment. The Friday tour will include an opportunity to eat at local Noblesville Restaurants during the excursion.

Whitewater Valley Railroad

P303  Tuesday, July 5th  
10:00A – 6:30P  
$80  
Box Lunch

The Whitewater Valley Railroad Museum is located in Connersville, Indiana about 60 miles east of Indianapolis. The Whitewater Valley Railroad operates excursions from Connersville to Metamora, about 18 miles. Metamora is a restored Canal Town with a restored Grist Mill and numerous gift shops and restaurants.

Nucor Steel Sheet Mill

P508  Thursday, July 7th  
8:15A – 1:15P  
Sold Out

Nucor Steel produces carbon steel sheet in hot rolled, cold rolled, pickled, and galvanized coils. The Crawfordsville plant is able to transform molten steel directly into steel sheets in one remarkable step. They are also striving to reduce the environmental impact of steelmaking with their manufacturing processes.

Safety requirements:

Visitors must be at least 18 years old to tour the mill.

Visitors must wear long pants and fully enclosed shoes (preferably leather). Women should not wear heels. There are grated stairs on the tour.

Do not wear exposed jewelry in production areas.

Visitors will be required to wear hard hats, safety glasses, ear plugs and a fire resistant jacket, all of which Nucor will provide.
Cameras and recording devices are not allowed.

Visitors with pacemakers are not allowed in certain areas of the mill.

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**Monon Connection Museum**

**P302**  Tuesday, July 5th  
8:30A – 4:15P  
*Canceled*

The Monon Connection Museum and Whistle Stop Restaurant offers a world class collection of artifacts and memorabilia from the railroads of bygone eras. Museum exhibits include an exquisite display of dining car china and silver and hundreds of hand-held lanterns. Dozens of restored brass steam locomotive bells and whistles all presented in a completely furnished full sized replica of an Illinois Central depot.

The Whistle Stop Restaurant adjacent to the museum offers a full service menu with homemade pies that are praised by all who have tried them. Your meal is included in the price of the ticket.

Other Prototype Tours are being pursued and will be added as they are confirmed. Visit the *Highball to Indy 2016* website often for announcements and details.

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**Layout Tours**

Up-to-date listings of layouts open for tours, including short descriptions of the layouts, will be on the *Highball to Indy 2016* website. Photos of at least 32 of the layouts are currently available on the website, with more to be added. Check it out at: www.nmra2016.org

There are 46 layouts that will be open on bus tours and 37 layouts available on self-guided tours. The list of layouts offers model railroads built in scales from N to 1/8 and set in modeling eras from steam to modern. Several of the layouts on the tours have been featured in the model railroad press. There will be a SuperTour by bus to the Cincinnati area where 5 layouts that have been featured in popular monthly, or annual, special-issue magazines will be open.

Many of the houses in Indiana are built over basements. Those basements are typically where our layouts reside. Whether the layouts are in the basement or in a room on an upper floor, they are usually reached by stairways.

There is one thing we can tell you that we’ve learned from past conventions - don’t dawdle. You will want to order your tickets as soon as the layout tours are released for sale. Be sure to get your tour tickets early because there is a tendency for tours to sell out.

Layout tours are listed as follows:

<table>
<thead>
<tr>
<th>Tour Name</th>
<th>Tour Number</th>
<th>Date</th>
<th>Cost</th>
<th>Time of tour</th>
<th>Dining arrangements</th>
</tr>
</thead>
</table>

Information for the individual layouts is listed as follows:

<table>
<thead>
<tr>
<th>Layout owner</th>
<th>Scale</th>
<th>Layout Name</th>
<th>Era</th>
<th>Size</th>
<th>Scenery %</th>
<th>Power</th>
</tr>
</thead>
</table>

Canceled
Layout Description

**Allisonville Road**

**L220**  Monday, July 4<sup>th</sup>  $33  
9:00A – 1:00P

**Tim Gravenstreeter**  
N  Delaware & Hudson  1960s  
4’X8’  scenic % - 100  DC  
Prototype based on Eastern Pennsylvania, Delaware River Valley, with urban and suburban scenes and light industry.

**Tim Gravenstreeter**  
HO  Steel Mill  
5’X8’  scenic % - 80  
Modular layout that features a blast Furnace, Electric Furnace, Rolling Mill, Coke Battery, car shop and other railroad related and mill related structures.

**Tim Gravenstreeter**  
HO  City Scape  
1.5’X4’  
Static diorama that features four high- & mid-rise buildings and other buildings behind elevated Rapid Transit tracks.

**Tim Gravenstreeter**  
O  Construction Diorama  
2.5’X4’  
Diorama that features early-construction phase of a mid-rise building.

**Tom Cain**  
HO  Eastern Illinois Santa Fe  Sept. 1995  
25’X48’  scenic % - 40  DCC-NCE Wireless  
Fifty-five mile section of the Santa Fe that runs from Joliet to Streator, Ill. Layout includes industries near Joliet, a plastic bottle factory in Streator and several other online business and grain elevators. Trains include Intermodal Chicago to the West coast, manifest, Amtrak and auto-rack unit trains. The layout also includes several locals. Op sessions include 6 people in addition to the regular support crew. Op sessions are managed by a dispatch panel created in the JMRI Panel Pro Program.

**Jeff Carter**  
1  
40’X50’  Garden  DCC  
This is a garden railroad. Includes 300' of track. Freight trains can be controlled from a switch tower which has large windows which provide an impressive view of the layout. The tower house supplies the power supply for the DCC. Twenty levers operate the turnouts. “Ship It” software is used to operate the layout.

**Jack Simpson**  
HO  Monon  50s-60s  
24’X38’  scenic % - 100  DCC-Lenz  
Central Indiana, Models the MONON from Lafayette In. to Bloomington, In. The layout has operating signals and is highly detailed. Featured as the cover story in the Dec. 1999 NMRA Magazine. It will be featured as the cover story for Model Railroader magazine in the spring of 2016.

**Speedway**

**L221**  Monday, July 4<sup>th</sup>  $33  
8:30A – 1:00P
**Columbus Area Railroad Club**

On30  Sugar Creek Valley  1930s  
8’X16’  scenic % - 100  DC

Mining and common carrier  Operating show loop with engine house with servicing facilities and industrial spurs. Structures are all scratch built with the exception of the mine tipple that is kit-bashed.

**Columbus Area Railroad Club**

HO  Heartland of America  Modern  
44’X10’  scenic % - 75/15  DC/DCC

Multi-level connected by a helix. The layout has double main lines on the upper and the lower levels, with a logging area connected via a high bridge from the branch line. The logging area is modeled to represent the 20s and 30s of West Virginia logging camp. The remaining models the 50s through modern times. The main lines, branch, and logging areas can each operate independently of each other on DC or DCC power and have circuitry to block trains from crossing over if the powers don’t match. The club members supply almost all of the locomotives and rolling stock so this plays into the span of the eras that are modeled.

**Columbus Area Railroad Club**

3-rail O  Carc-ville  mixed  
7’X14’  scenic % - 75  DC

This layout is constructed to optimize operations in a small footprint and with a tight budget. A looped track plan supports mainline operations as well as switching operations. It incorporates an engine servicing and staging facility, a yard, passenger stations, and sidings servicing commercial enterprises. Conventional control utilizing 2 cabs and electrical blocking supports independent operations on the mainline and in the engine servicing and yard simultaneously. An operating turntable from Atlas supports engine staging. The club owns several locomotives and cars, but most are provided by club members.

**Columbus Area Railroad Club**

N  Small Midwest  multiple  
8’X12”  scenic % - 65  DC/DCC

The layout has double main lines that can operate independently of each other on either DC or DCC. Club members supply all of the locomotives and rolling stock so this allows the layout to span multiple eras.

**Columbus Area Railroad Club**

Z  Mountain Railroad  Coal Mine Operation  
2’X2’  scenic % - 100  DC

Mountain with coal operation. The layout runs American Z line BNSF engine and coal cars. Club members take this layout to area shows and events to advertise the club and promote membership.

**Baron Simmerman**

HO  Conrail & Amtrak  80s  
2800 sq. ft.  scenic % - 30  DCC-Digitrax

Modeling the Indianapolis Division of Conrail. Runs from Indianapolis to St. Louis. Layout is 2 levels with a helix. Also runs Amtrak for the same time frame as Conrail.

**Bill Moore**

HO  Allegheny & Western  50s  
20’X14’ w/2 2’X14’ extensions  DCC-Digitrax
Layout is located in a garage with 2 extensions that are pulled outside and attached to the layout. Replicates the area of West Virginia that includes Cass when it was still part of the C&O.

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**Cincinnati Super Tour**

**L322**  
Tuesday, July 5th  
7:30A – 6:00P  
Box Lunch  
$65

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**John Burchnall**  
HO/HOn3  
Eastern Loggers  
1920s  
10’X20”  
scenic % - 100

Layout depicts logging in central Pennsylvania in the early 1920's. The groups portable sectional layout has many logging related industries, emphasizing realistic scenery, structures, and rolling stock. Track, structures and scenery are all scratchbuilt. The infrastructure used many techniques including foamboard construction and lighting valance/shadow box system using PVC panels. The layout won Best of Show at the 1992 National Convention in Columbus along with being featured in the 1998 edition of Great Model Railroads, September 2004 NMRA Scale Rails, 2000 NMRA Calendar and the 2014 Walthers catalog.

**Bob Lawson**  
HO  
Southern Railroader  
1945-51  
Scenic % - 100

Layout portrays the Southern RR from Somerset and Danville, Ky to Cincinnati, Oh. The layout includes award winning structures and diorama's with deep mountain scenes, long trains, multiple water features, towns, industries, yards and locomotive facilities. The layout has been featured in the 2008 edition of Great Model Railroads, 2014 Model Railroader, 2014 Great Model Railroads Calendar and the 2014 Walthers catalog.

**Gerry Albers**  
HO  
Deep Water District of the Virginian Railroad  
1959  
Scenic % - 100  
DCC-Digitrax

The railroad features interchanges with the NYC, V&O, N&W and the C&O. The V&O portion was built by Allen McClelland. The layout has several staging yards, most of which are hidden, custom painted backdrops, a crew lounge and a dispatch office located in a replica of a station. The hidden staging is monitored by fascia mounted video cameras. Signaling is done by utilizing Gerry's “Signals by Spreadsheet” software. This layout has been featured the 2004 Model Railroad Planning

Jerry Strangarity

HO Reading RR 7 Northern Schuylkill & Hillsdale 1930s

Layout portrays city and rural areas traversed by the Reading Railroad in southeastern Pennsylvania. One room features a large city industrial area with a blending of structures track and streets. The second room features rural scenes. These include an award winning scratch built roundhouse complex, plus dairy, small town area, coal mine and other related industries. The layout has been featured in 2003 Great Model Railroads, a 2005 TV episode of Tracks Ahead (on PBS), and in the November 2010 Model Railroader Magazine.

Westside 1

L323 Tuesday, July 5th $33 8:15A – 12:15P

Jim Munns

HO C&NW 1955 22’X35’ scenic % - 100 DCC

Based on the Christie Division in Wisconsin. The railroad is double tracked for continuous operation. Many of the towns and yards are named after family and friends. “Ship It” is used for operations. The layout has many finished details. The layout was in the April 2011 issue of Model Railroader Magazine. It has also been featured on the TV program Tracks Ahead.

Mike Duncan

HO Milwaukee Road 1970s 25’X35’ scenic % - 95 DCC-Digitrax

Based on the Milwaukee Roads Southeast Division in West and Southern Indiana. Interchanges with Penn Central/Conrail with trackage rights granted to Peabody Coal. Detailed scenery with scratch built and kit-bashed can be found in the rural scenes along with coal tipples, grain elevators and heavy manufacturing. Single level point to point. “Ship It” is used for operations. Featured in the January 2011 issue of Model RR Craftsman.

Jim and Phillip Burnside

HO Pittsburgh Area Steel Mill RR 1950s 26’X26’ scenic % - 50 DCC-Digitrax

Based on the B&O between Pittsburg and Cumberland. Layout includes an ore boat and Hulett unloader depicting Conneaut, Oh. The layout highlights the US Steel's complex including the Edgar Thomson Steel Mill, Clairton Coke Works and the Irving Rolling Mill. All are connected by the Union RR. The mainline runs through rolling hills of Western Pennsylvania. A branchline runs to a deep-shaft coal mine. The main yard is modeled after the B&O yard at Connellsville, PA.

Anderson/Pendleton 1

L324 Tuesday, July 5th $34 1:00P – 6:00P

Rick Norris

On30 Rio Grande Southern 600 sq. ft. scenic % - 100 DCC
The portion of the railroad that’s modeled is from Tank Creek just north of Vance Junction to Rico, Colorado, with staging for Ridgeway and Durango Colorado. Bench work is open grid with spline roadbed. The mainline is 150 ft plus. The main feels longer by having it wind through the canyons in and out of sight. Turnouts are hand laid. Structures are a mix of kits and buildings built from plans. The scenery runs from 40 to 96 inches above the floor. All of the backdrops are hand painted by Rick except the backdrop along Rico which is a photo of the area.

**Mont Switzer**  
**HO** Monon Railroad Indiana  
**Summer Wheat Harvest, 1958**  
60’X20’  scenic % - 75  DCC-Digitrax

Layout represents a compressed 40 mile section of the Monon between Lafayette, IN north to the railroads namesake town of Monon, IN. The line crosses itself and splits 3 ways toward Chicago, Michigan City, IN and Indianapolis. All three cities have hidden storage. The main line interchanges with the Pennsylvania at Battle Ground and Reynolds, IN. The town of Monon with its crossing of 2 lines, brick station, 2 classification yards, engine terminal, LCL transfer dock and stone quarry take up a significant portion of the layout. Mont has written several articles for Model Railroader magazine, most recently in the February 2016 issue.

**Matt Hewitt**  
**HO** Shadowton Ridge North Railroad  
**September 1956**  
800 sq. ft.  scenic % - 100  DCC-Digitrax

The railroad is a point to point, freelance branch route running from North Samuels, PA south of Bedford, PA to Shadowton Ridge, West Virginia. This makes up the 90 mile long Lost Ridge Division, which is the modeled portion. From there the division continues south to Hollis, Virginia and interchanges with the Norfolk & Western. Heavy steam and first generation diesels move coal and mixed freight through the rugged Appalachian Mountains. The minimum radius is 32” and there is a 36” radius helix which connects the other levels. When operating Matt follows John Allen’s lead, he always tries to move something with a purpose, not just picking a car up by using his hands, but by moving it with an engine. The layout will require 6-7 operators to get the job done. The layout was featured as the cover layout for Model Railroader magazine in 2010 and was included in the NMRA 2016 calendar.

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**Lebanon**

**L325**  
Tuesday, July 5\(^{th}\)  
6:00P – 11:00P

**Canceled**

**David Kahlenburg**  
O & N  Union Pacific  1940s to Present  
27’X17’  scenic % - 100  O – MTH DCS / N – DC

These 2 layouts are in a design rarely seen. The O Gauge is on the top level and N scale on the bottom level. The layouts mirror each other in size. The layouts both focus on the Union Pacific. The N scale layout has 2 freight yards and an elevated track system for the South Shore Commuter line that travels down the main street of the city. The
O gauge has 3 freight yards and also a model of the EL Loop that also traverses the main street. Really unique setup.

**Jim Shellhaas**

HO Union Pacific 1996 – 2006
60’X42’ scenic % - 5 DCC-Digitrax

Railroad depicts the Greeley Subdivision of the Union Pacific. Approximately a third of the track is laid, but the layout depicts several different layout construction techniques (foam, spline and open grid) all in a manner that is easy to observe. The layout, when completed will have two helix’s. Photographs of the prototype and the area being modeled are being used as the construction continues. The layout will also have a second level.

**Jon Silverberg**

On30 DRG&W/RGS 1942
22’X27’ scenic % - 30 DCC-Digitrax Wireless

Railroad runs from staging in Chama to Durango, Co to Ridgeway, Co. Track plan is a double deck around the walls with 2 peninsulas. A helix and staging tracks for Farmington, NM are in a separate room. All locos have Soundtrax Tsunami sound decoders. Track is Micro Engineering Code 83.

**Bud Hunter**

G 325’ of track Garden Radio Aristocraft

This is a garden railroad that can run 2 trains. This layout has been included in numerous local layout tours.

**Westside 2**

L326 Tuesday, July 5th $34
6:00P – 11:00P

**Jim Munns**

HO C&NW 1955
22’X35’ scenic % - 100 DCC

Based on the Christie Division in Wisconsin. The railroad is double tracked for continuous operation. Many of the towns and yards are named after family and friends. “Ship It” is used for operations. The layout has many finished details. The layout was in the April 2011 issue of Model Railroader Magazine. It has also been featured on the TV program Tracks Ahead.

**Mike Duncan**

HO Milwaukee Road 1970s
25’X35’ scenic % - 95 DCC-Digitrax

Based on the Milwaukee Roads Southeast Division in West and Southern Indiana. Interchanges with Penn Central/Conrail with trackage rights granted to Peabody Coal. Detailed scenery with scratch built and kit-bashed can be found in the rural scenes along with coal tipples, grain elevators and heavy manufacturing. Single level point to point. “Ship It” is used for operations. Featured in the January 2011 issue of Model RR Craftsman.

**Jim and Phillip Burnside**

HO Pittsburgh Area Steel Mill RR 1950s
26’X26’ scenic % - 50 DCC-Digitrax

Based on the B&O between Pittsburgh and Cumberland. Layout includes an ore boat
and Hulett unloader depicting Conneaut, Oh. The layout highlights the US Steel's complex including the Edgar Thomson Steel Mill, Clairton Coke Works and the Irving Rolling Mill. All are connected by the Union RR. The mainline runs through rolling hills of Western Pennsylvania. A branchline runs to a deep-shaft coal mine. The main yard is modeled after the B&O yard at Connellsville, PA.

Fishers/Muncie
L427 Wednesday, July 6th $34
8:00A – 12:30P

Tom Fitzsimmons
HOn3 Red Mountain Northern 1893
10’X13’ scenic % - 100
DCC-Digitrax w/JMRI

The layout models a fictitious extension of the Silverton RR. It features floor to ceiling scenery depicting the San Juan Mountains. It has a styrofoam structural scenery base with plaster rock castings. It is a point to point railroad with a hidden track to facilitate continuous running. There are many scratch built buildings and rolling stock. Locos are re-g geared and re-motorized brass with Soundtrax and LokSound decoders. The layout was featured in a recent edition of the NMRA magazine.

Kurt Kruty
HO Milwaukee Road Racine & Southwestern Division 1950
900 sq. ft. scenic % - 10 DCC-Digitrax

Set in Southeastern Wisconsin including portions of the 1st, 18th and 21st subdivisions. Cities and towns include Milwaukee, Racine, Sturtevant, Burlington and Beloit, Wisconsin with staging for Chicago, St. Paul and Savanna Illinois. Bench work is completed and work is underway to get the mainline down and operational.

John Dick
HO Milwaukee Road 1960s
47’ end to end, S shape. scenic % - 60
DCC-Digitrax

The layout models the Milwaukee Road Beer Line. The layout is point to point. Since it is primarily an industrial switching layout there is no roadbed. Track is Micro Engineering code 83 and the layouts are hand built from #4 Fast Tracks turnout jigs. The layout also can be operated with JMRI connected to a computer. Trains can be controlled with either tethered controllers or a smart phone. Many scratch built buildings are on the layout.

Richard McPherson
HO Great Northern RR 50s
29’X23’ scenic % - 50 DC

Models Great Northern RR, Western end of the Montana Division. Layout depicts Great Falls with a branchline to Butte and Billings, Montana. Layout can use 5 throttles with walk around control. Continuous running with hidden staging. Also includes a highly detailed logging branch. Has been include in many regional layout tours.

1/8 Scale

L428 Wednesday, July 6th $62
8:00A – 5:00P Box Lunch

Columbus Area Railroad Club
On30 Sugar Creek Valley 1930s
Mining and common carrier Operating show loop with engine house with servicing facilities and industrial spurs. Structures are all scratch built with the exception of the mine tipple that is kit-bashed.

Columbus Area Railroad Club
HO Heartland of America Modern
44’X10’ scenic % - 75/15 DC/DCC

Multi-level connected by a helix. The layout has double main lines on the upper and the lower levels, with a logging area connected via a high bridge from the branch line. The logging area is modeled to represent the 20s and 30s of West Virginia logging camp. The remaining models the 50s through modern times. The main lines, branch, and logging areas can each operate independently of each other on DC or DCC power and have circuitry to block trains from crossing over if the powers don’t match. The club members supply almost all of the locomotives and rolling stock so this plays into the span of the eras that are modeled.

Columbus Area Railroad Club
3-rail O Carc-ville mixed
7’X14’ scenic % - 75 DC

This layout is constructed to optimize operations in a small footprint and with a tight budget. A looped track plan supports mainline operations as well as switching operations. It incorporates an engine servicing and staging facility, a yard, passenger stations, and sidings servicing commercial enterprises. Conventional control utilizing 2 cabs and electrical blocking supports independent operations on the mainline and in the engine servicing and yard simultaneously. An operating turntable from Atlas supports engine staging. The club owns several locomotives and cars, but most are provided by club members.

Columbus Area Railroad Club
N Small Midwest multiple
8’X12” scenic % - 65 DC/DCC

The layout has double main lines that can operate independently of each other on either DC or DCC. Club members supply all of the locomotives and rolling stock so this allows the layout to span multiple eras.

Columbus Area Railroad Club
Z Mountain Railroad Coal Mine Operation
2’X2’ scenic % - 100 DC

Mountain with coal operation. The layout runs American Z line BNSF engine and coal cars. Club members take this layout to area shows and events to advertise the club and promote membership.

Indiana Live Steamers
1/8th Freelance
13000 ft. of track scenic % - 100, by nature

Ride the rails on this railroad. The track is 7-1/2" gauge. The group has another 3000 feet of track under construction. Locos are everything from prototypical to total imagination. See more info at: www.indianalivesteamers.org

Pete Pedigo
1/8th New Unionville and Western Railroad Steam to current day
15 acres scenic % - 100, natural trees, shrubs, grass.
Track: Hand laid 10-foot panels of track installed onto hand cast concrete ties. Curves have a 50-foot minimum radius. Switches are also hand made from #9 frog castings. Ballast was carried to the track in scale ballast cars. Theme: Southern Indiana Prototype Freelance railroad using some actual locations found on the Monon Railroad such as the Perry-Matthews-Buskirk limestone quarry. Also some southern Indiana coal mining operations.

Construction: The original roadbed was leveled with a backhoe and John Deere bulldozer. An initial level of ballast was laid down and then a second layer of ballast was added after track panels were installed. This second layer of ballast was added from ballast railcars. Operations: During operation sessions a Dispatcher is stationed in an Interlocking Tower located in the center of the railroad. Radios are used by the dispatcher and engineers to manage movements on the railroad. The railroad is operated as a point-to-point railroad with the railroad yard at the south end of the railroad serving as both end points of a session. Engineers and conductors use handwritten switch lists that govern car movements. More information and pictures can be seen at: www.newrr.com

The railroad is a freelance operation, modeling the Nickel Plate and Monon railroads in Indiana. It consists of 2 mainlines that represent 4 Midwestern towns with three passenger stations. A coal mine with loading facility, three switch yards and two passing tracks. The railroad can be operated by a computer program written to control trains operating on the two mains.

Trevor Jones
N British Railways 1960s
35’X18’ scenic % - 100
DC w/MRC walkaround throttles

Layout features the Midland Region double track mainline interchanging with the western Region single track main. Many locations are built as Layout Design Elements from the prototype. This is a well scenicked award winning layout. It features both passenger as well as freight service.

Paul Lutz
HO Conrail 1990s
30’X30’ scenic % - 10 DCC-Digitrax

Layout models the Marion Branch of Conrail. Loosely based on an existing line that runs north and south from Elkhart, IN to Indianapolis, IN. It has yards at several different points between the 2 cities. The layout is double deck, point to point mainline with a third lower level staging, all of which are connected by a helix. Operations are controlled by a dispatcher via radios.

Marty Witkiewicz
HO Erie Lackawanna 1975
910 sq. ft. scenic % - 10
DCC-NCE Wireless

Bloomington 1

L429 Wednesday, July 6th 9:00A – 4:00P Canceled

Mike Bailey
HO BLMGT Railroad 1960s
11’X13’ scenic % - 95 DCC-Digitrax
Layout models the Fairfax Division. It is a freelance railroad which depicts scenes, buildings, and other details that would be found along the railroad during the designated period. The railroad is a single deck with a linear design. It included 210’ of mainline running. The layout has a large division point classification yard, multiple industries and several interchanges with other railroads. During operation sessions the dispatcher communicates with the crews via radio.

Anderson/Pendleton 2

L430 Wednesday, July 6th $34
1:00P – 6:00P

Rick Norris
On30 Rio Grande Southern
600 sq. ft. scenic % - 100 DCC

The portion of the railroad that’s modeled is from Tank Creek just north of Vance Junction to Rico, Colorado, with staging for Ridgeway and Durango Colorado. Bench work is open grid with spline roadbed. The mainline is 150 ft plus. The main feels longer by having it wind through the canyons in and out of sight. Turnouts are hand laid. Structures are a mix of kits and buildings built from plans. The scenery runs from 40 to 96 inches above the floor. All of the backdrops are hand painted by Rick except the backdrop along Rico which is a photo of the area.

Mont Switzer
HO Monon Railroad Indiana
Summer Wheat Harvest, 1958

60’X20’ scenic % - 75 DCC-Digitrax

Layout represents a compressed 40 mile section of the Monon between Lafayette, IN north to the railroads namesake town of Monon, IN. The line crosses itself and splits 3 ways toward Chicago, Michigan City, IN and Indianapolis. All three cities have hidden storage. The main line interchanges with the Pennsylvania at Battle Ground and Reynolds, IN. The town of Monon with its crossing of 2 lines, brick station, 2 classification yards, engine terminal, LCL transfer dock and stone quarry take up a significant portion of the layout. Mont has written several articles for Model Railroader magazine, most recently in the February 2016 issue.

Matt Hewitt
HO Shadowton Ridge North Railroad
September 1956
800 sq. ft. scenic % - 100 DCC-Digitrax

The railroad is a point to point, freelance branch route running from North Samuels, PA south of Bedford, PA to Shadowton Ridge, West Virginia This makes up the 90 mile long Lost Ridge Division, which is the modeled portion. From there the division continues south to Hollis, Virginia and interchanges with the Norfolk & Western. Heavy steam and first generation diesels move coal and mixed freight through the rugged Appalachian Mountains. The minimum radius is 32” and there is a 36” radius helix which connects the other levels. When operating Matt follows John Allen’s lead, he always tries to move something with a purpose, not just picking a car up by using his hands, but by moving it with an engine. The layout will require 6-7 operators to get the job done. The layout was featured as the cover layout for Model Railroader
magazine in 2010 and was included in the NMRA 2016 calendar.

Columbus

L431  Wednesday, July 6th 5:00P – 11:00P
There is no box lunch provided on this tour. Sorry for the mistake.

Columbus Area Railroad Club
On30  Sugar Creek Valley  1930s
8’X16’ scenic % - 100  DC

Mining and common carrier Operating show loop with engine house with servicing facilities and industrial spurs. Structures are all scratch built with the exception of the mine tipple that is kit-bashed.

Columbus Area Railroad Club
HO  Heartland of America  Modern
44’X10’ scenic % - 75/15  DC/DCC

Multi-level connected by a helix. The layout has double main lines on the upper and the lower levels, with a logging area connected via a high bridge from the branch line. The logging area is modeled to represent the 20s and 30s of West Virginia logging camp. The remaining models the 50s through modern times. The main lines, branch, and logging areas can each operate independently of each other on DC or DCC power and have circuitry to block trains from crossing over if the powers don’t match. The club members supply almost all of the locomotives and rolling stock so this plays into the span of the eras that are modeled.

Columbus Area Railroad Club
3-rail O  Carc-ville  mixed
7’X14’ scenic % - 75  DC

This layout is constructed to optimize operations in a small footprint and with a tight budget. A looped track plan supports mainline operations as well as switching operations. It incorporates an engine servicing and staging facility, a yard, passenger stations, and sidings servicing commercial enterprises. Conventional control utilizing 2 cabs and electrical blocking supports independent operations on the mainline and in the engine servicing and yard simultaneously. An operating turntable from Atlas supports engine staging. The club owns several locomotives and cars, but most are provided by club members.

Columbus Area Railroad Club
N  Small Midwest  multiple
8’X12” scenic % - 65  DC/DCC

The layout has double main lines that can operate independently of each other on either DC or DCC. Club members supply all of the locomotives and rolling stock so this allows the layout to span multiple eras.

Columbus Area Railroad Club
Z  Mountain Railroad  Coal Mine Operation
2’X2’ scenic % - 100  DC

Mountain with coal operation. The layout runs American Z line BNSF engine and coal cars. Club members take this layout to area shows and events to advertise the club and promote membership.

Billy Danforth
HO  Union Pacific  Any era
29’X10’ scenic % - 90  DC
Union Pacific and visiting railroads run on this layout. This layout was built in the 90's and is using the DC system by Aristocraft. Track plan is around the walls in a half dog bone design. Many pieces of rolling stock are kit bashed and scratch built.

**Tom Rice**

G   No Particular Railroad
No era
30’X25’   scenic % - Garden
Sound units powered by batteries

This is a true garden railroad. No buildings or particular theme. Features a 4’ trestle, 2 tunnels and 5’ radius curves. The layout has a 30’ stream running through the layout all in a beautiful garden setting. The layout has been featured on several local garden tours.

**Dave McKalip**

HO   Norfolk & Western/Pennsylvania
1950s
7’X16’   scenic % - 60
DCC-MRC or DC with MRC Control

The railroad is a freelance operation, inspired by the N&W and Pennsylvania RR operations in Southwestern Pennsylvania and Northwestern West Virginia. Maximum grades are 5% working out of a coal mine. The minimum radius is 26” on the main and 18” on the sidings. Backdrops are commercially printed photos.

**Jeff and Darcie Lang**

O Scale   Pennsylvania   50s-60s
52’X40’   scenic % - 30   DCC

Striking trains highlight this very large layout. The Langs have tried to represent a short section of the PRR and an interchange with a branch line from a Midwestern city. It has a four track main and access to 8 hidden storage tracks. A Junction represents the industrialized side of the Midwestern city. The layout has 96” minimum radius and 7 ½ turnouts.

**Northeast**

**L432**   Wednesday, July 6th   $34
6:00P – 10:30P

**Warner Clark**

**Proto 48**   Maumee Basin Line
September 1954-1955
500 sq. ft.   scenic % - 90
DCC-NCE Wireless

The Maumee Basin Line is composed of selectively compressed parts from three prototype railroads: the First Subdivision of Nickel Plate Road’s Clover Leaf District from Toledo to Continental, Ohio, the Northern District of the Detroit Toledo & Ironton’s lines between Malinta and Champion/Denson, Ohio and The Ohio & Morenci Railroad’s line between Champion, Ohio and Morenci, Michigan. The initial and main level of the layout is at 39” off the floor, while the upper level is 58” off the floor. Operations: Turnouts are thrown by manual Hump Yard Purveyance surface mounted levers at the fascia of the layout that connect to electric Atlas relays which control the Circuitron Tortoise machines. Ground throws in some parts of the layout are Sunset Valley that operate in a similar manner. The turntable is manually operated.

**Jeff Carter**

1
40’X50’   Garden   DCC
This is a garden railroad. Includes 300’ of track. Freight trains can be controlled from a switch tower which has large windows which provide an impressive view of the layout. The tower house supplies the power supply for the DCC. Twenty levers operate the turnouts. “Ship It” software is used to operate the layout.

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**Bloomington 2**

**L.533** Thursday, July 7th $53
8:00A – 3:00P Box Lunch

**Bob Case**
HO Baltimore & Ohio Spring 1948
36’X20’ scenic % - 95
DCC-Digitrax Radio

Layout is based on 20 years of photos taken on site on the West End Subdivision around Grafton, West Virginia and Cumberland, Maryland areas. Many hand painted figures and vehicles from the time frame are on the layout. Operating B&O signals have been installed. There are three CTC-type panels spread around the layout. There are also many scratch built prototypical buildings that were along the railroad.

**Robert Sharp**
HO GM&O 1960s
400 sq. ft. scenic % - 95 DC/DCC

The layout began as the Atlas “Berkshire Valley” and has evolved into its current size. The layout depicts the area around Meridian, Mississippi. When the railroad expanded a staging level was added which gave room for a classification yard and several locations for industrial switching as well as a longer mainline which measures 200’. The railroad also interchanges with the Meridian and Bigbee RR. A helix moves trains to and from the lower level staging.

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**Larry Shute**

HO Illinois Central/Indiana Rail Road (INRD) 1970s
18’X32’ scenic % - 85 DCC-Digitrax

One portion of the layout depicts the small town that Larry grew up in; Solsberry, IN. The buildings are almost all scratch built. Other portions replicate any of the many rural small towns in Southern Indiana. One of the dominating features of the layout is the model of the Tulip Trestle. The model is 16’ long and was built using Micro Engineering kits. The layout has been featured on numerous local television shows and local print media. Included in this tour will be a visit to the Tulip Trestle which is still in use by the Indiana Rail Road.

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**Solsberry Viaduct – Tulip Trestle**

Prototype – Indiana Rail Road

The Tulip Trestle is 2,307 feet long, and 157 feet high above the Richland Creek, which flows under it. There are thirty-eight, 15-foot long deck plate girders, alternating with eighteen, 40-foot long deck plate girders, plus two 20-foot long girders on the west end, and two 45-foot long girders on the east end. These all rests atop thirty upright steel structures – mostly in pairs, but there are a few independent uprights at each end. These upright steel structures sit on concrete piers, sitting at random elevations across the valley floor. There are 2,856 tons of steel in this structure. *(The east end sits at an elevation of 675-feet, and the west end is 657-feet, an 18-foot difference in elevation!)*
Castleton

**L534**  Thursday, July 7th  $34
8:30A – 12:00P

**Tom Fitzsimmons**

HOn3  Red Mountain Northern  1893
10’X13’  scenic % - 100
DCC-Digitrax w/JMRI

The layout models a fictitious extension of the Silverton RR. It features floor to ceiling scenery depicting the San Juan Mountains. It has a styrofoam structural scenery base with plaster rock castings. It is a point to point railroad with a hidden track to facilitate continuous running. There are many scratch built buildings and rolling stock. Locos are re-geared and re-motored brass with Soundtrax and LokSound decoders. The layout was featured in a recent edition of the NMRA magazine.

**Southeast**

**L535**  Thursday, July 7th  $34
6:00P – 11:00P

**Tom Cain**

HO  Eastern Illinois Santa Fe  Sept. 1995
25’X48’  scenic % - 40  DCC-NCE Wireless

Fifty-five mile section of the Santa Fe that runs from Joliet to Streator, Ill. Layout includes industries near Joliet, a plastic bottle factory in Streator and several other online business and grain elevators. Trains include Intermodal Chicago to the West coast, manifest, Amtrak and auto-rack unit trains. The layout also includes several locals. Op sessions include 6 people in addition to the regular support crew. Op sessions are managed by a dispatch panel created in the JMRI Panel Pro Program.

**Jack Simpson**

HO  Monon  50s-60s
24’X38’  scenic % - 100  DCC-Lenz

Central Indiana, Models the MONON from Lafayette In. to Bloomington, In. The layout has operating signals and is highly detailed. Featured as the cover story in the Dec 1999 NMRA Magazine. Will be featured as the cover story for Model Railroader magazine in the spring of 2016.

**Napton and White River MRRC**

HO  Naptown & White River  Transition
Large free standing building
scenic % - 98  DCC-Digitrax
The club is celebrating 50 years in existence. Some of the railroads you'll see include B&O, Monon, New York Central, Nickel Plate and the Pennsylvania. Trains can run on a continuous loop or point to point for operations. Club has many lighted buildings allowing night time running. Layout includes a large staging yard for operations.

**Jim Canter**
O/Proto 48 PRR/Nickle Plate Road/C&O 1950s
42’X72’ scenic % - 5
DCC-NCE Wireless

Railroad runs from Frankfort, IN to Lima, OH. Operates both steam and diesel locomotives. Rolling stock are a combination of brass and resin. Locos are brass. Several display cases are prominent in the layout room. Large radius long turnouts and all hand laid track.

**Self-guided Layout Tours**

Self-guided layout tours are listed as follows:

<table>
<thead>
<tr>
<th>Tour Number</th>
<th>Day</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>S260</strong></td>
<td>Monday</td>
<td>$5</td>
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</tbody>
</table>

**Indy SE**

Monday, July 4th
9:00A – 2:00P

**Steven Handly**
HO Indiana Connector Railroad (ICRR)
Steam-Diesel Transition up to modern
11x25 with a 4x8 ext. Scenery: 50%
DCC-Digitrax or DC

The ICRR was inspired by the railroads that entered Indianapolis, the Pennsylvania, NYC, B&O, Monon, Nickel Plate and the Illinois Central. There are 5 main loops, 2 freight, 2 passenger and 1 called the old main. There are 3 double crossovers, enabling each train to traverse each loop if desired. There is a duck under that opens to the center of the layout. Layout can be observed with using the duck under.

**David Jackson**
HO Indiana Railroad and Louisville & Indiana RR Present
12x24 Scenery: 15% DCC-NCE

Freelance Indiana regional railroads. The Indiana Railroad (INRD) and the Louisville...
& Indiana dominate the theme. Other Class 1 railroads associated with the regional railroads are included, CSX, Illinois Central and the Pennsylvania.

**Dave Petty**  
N Midwest Central  
June 3rd, 1954  
16x24 Scenery: 99% DCC- Digitrax

The layout began in the early 1970's. At that time it was known as the Budlines. Many of the structures that are on the layout were articles published in Model Railroader Magazine starting in 1975. The current layout has been featured as the cover story in N Scale Magazine on three separate occasions and several other articles published in the magazine. 
Will be featured on the Model Railroad Hobbyist internet magazine.

**Walt Aldorisio**  
HO Boston & Maine  
50's thru 1964  
25x50 with a 3x8 ext Scenery: 75% DCC- Digitrax

Layout loosely represents BET/New Hampshire Divisions mainline from Boston to Lowell, Ma. At Lowell Junction there is an interchange with the New York, New Haven and Hartford. Railroad has 36 industries and a freight house that are switched during operating sessions. Operating sessions also include commuter trains and passenger trains. There are 2 lower level staging areas with 5 tracks each and reverse loops.

**Esteban Martinez**  
HO BNSF 90's to Current Date  
16x30 Scenery: 99% DCC-Digitrax

This layout replicates the BNSF Northern Transcon between Wolfpoint, Mt and Essex, Montana. Mainline track is code 83 flex with concrete ties. Sidings, spurs and turnouts are handlaid. Turnouts are all #6's. Minimum radius is 25”. Beautifully painted backdrops also highlight this layout. This layout requires a duck under. The layout will also be featured in an edition of Model Railroad Hobbyist on line magazine.

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**S360 Tuesday $5**

**Mooresville**  
Tuesday, July 5th  
11:00A – 6:00P

**John Poray**  
HO New York Central  
1955  
725 Sq Ft. Scenery: 40% DCC-Digitrax


**Dan Goins**  
HO SANTA FE  
1958-1962 freelance  
35x15 Scenery: 100% Hogger power packs as walk around control

Appeared in a photo for an article written for Model Railroader on removable loads in the 70th anniversary issue. Many photos, including construction photos, on TrainOrders.com web site, generally Colorado/New Mexico featuring ceiling tile rock formations. Also, there is a 6 foot long curved trestle. Hidden run through and 6 staging tracks.

**Bob Morrow**  
N Freelance New York Central  
1948 - mid ’60's  
23 x 17 or ~ 400 sq. ft. Scenery: 85% DCC- Digitrax

New York Central plus Nickel Plate, Monon, Milwaukee Road, Pennsylvania. Continuous loop via bridge. 80% is dual main line.
Train room built inside back of the garage; heated and cooled. Mt. Erie family farm is replicated.

Ron Phillips
HO Great Northern Late 60's
26x36 with a 9x13 staging in a separate room Scenery: 100% DCC-Digitrax

This is a freelanced layout depicting the Great Northern. Steam and diesel equipment are both run on the layout. Track plan is around the walls with peninsulas and three levels without any helices. There are 2 visible staging areas and a third in a separate room. The railroad depicts traffic from Chicago to Seattle. The layout can run point to point or do continuous running. Layout is in a free standing building dedicated to the railroad.

JR Lacey
HO Unnamed Railroad varied time frame
14x19 Scenery: 0% DCC-NCE

The railroad is completely freelanced. You will see steam all the way up to modern Amtrak. Layout is 2 levels with a helix. The layout will have a Midwestern feel when complete. No scenery at this point but an excellent opportunity to see a helix and the issues with its building.

Lebanon

Tuesday, July 5th
6:00P – 10:00P

Jeff and Darcie Lang
O Scale Pennsylvania 50s-60s
52’X40’ scenic % - 30 DCC

Striking trains highlight this very large layout. The Langs have tried to represent a short section of the PRR and an interchange with a branch line from a Midwestern city. It has a four track main and access to 8 hidden storage tracks. A Junction represents the industrialized side of the Midwestern city. The layout has 96” minimum radius and 7 ½ turnouts.

Jim Shellhaas
HO Union Pacific 1996 – 2006
60’X42’ scenic % - 5 DCC-Digitrax

Railroad depicts the Greeley Subdivision of the Union Pacific. Approximately a third of the track is laid, but the layout depicts several different layout construction techniques (foam, spline and open grid) all in a manner that is easy to observe. The layout, when completed will have two helix’s. Photographs of the prototype and the area being modeled are being used as the construction continues. The layout will also have a second level.

Jon Silverberg
On30 DRG&W/RGS 1942
22’X27’ scenic % - 30 DCC-Digitrax Wireless

Railroad runs from staging in Chama to Durango, Co to Ridgeway, Co. Track plan is a double deck around the walls with 2 peninsulas. A helix and staging tracks for Farmington, NM are in a separate room. All locos have Soundtrax Tsunami sound decoders. Track is Micro Engineering Code 83.

Bud Hunter
G 325’ of track Garden Radio Aristocraft

This is a garden railroad that can run 2 trains. This layout has been included in numerous local layout tours.
Highly detailed layout. Layout runs almost all Kato locomotives. Many scenes that were scratch built. Layout runs flawlessly.

Esteban Martinez
HO BNSF 90's to Current Date
16x30 Scenery: 99% DCC-Digitrax

This layout replicates the BNSF Northern Transcon between Wolfpoint, Mt and Essex, Montana. Mainline track is code 83 flex with concrete ties. Sidings, spurs and turnouts are handlaid. Turnouts are all #6's. Minimum radius is 25". Beautifully painted backdrops also highlight this layout. This layout requires a duck under. The layout will also be featured in an edition of Model Railroad Hobbyist on line magazine.

Baron Simmerman
HO Conrail & Amtrak 80's
2800 Sq. Ft. Scenery: 30% DCC-Digitrax

Modeling the Indianapolis Division of Conrail. Runs from Indianapolis to St. Louis. Layout is 2 levels with a helix. Also runs Amtrak for the same time frame as Conrail.

Doug Kemp
HO Pennsylvania 40-50's
16x8 Scenery: 70% DCC-MRC

Models central Indiana, Beech Grove to Acton, Indiana areas. Features operating signals and many buildings with detailed interiors and lighting for a nice scene. Turnouts are controlled by tortoise switch machines. Large roundhouse.

Kokomo

Richard Harrison
HO Lehigh & Western RR 1930-50's
16x9 Scenery: 100% DC

The prototype railroad is the Lehigh & Hudson River RR. It runs from Easton, PA to Maybrook, NY. Includes 150' of mainline. Layout includes lighted buildings, animated billboards and sound effects among many other lighting features. 27” computer monitor shows animated activity in the 26 blocks. Control is either with wireless or tethered throttles. Used code 70 Shinohara track.

Kokomo Club
HO Central Indiana Yardmasters Transition
23x34 Scenery: 10% DCC-Digitrax & DC

Railroad has a Midwestern theme. It’s being built for operation with separate mainlines, that can operate on DC and the other uses DCC. The layout has three peninsulas and is a C shape layout. It has a large classification yard and is 2 levels. The scenery will consist of three large rivers and a large steam and diesel engine facility. The bench work is a cantilever design for the lower level.

Dan Macaluso
O Gauge Pere Marquette
Steam to Current Time
28x30 Scenery: 25% MTH-DCS

Railroad models the Pere Marquette Railroad portion of the C&O. Railroad is in a crawl space converted to a basement.
Railroad is built on the shelf from the original crawl. All locomotives are sound equipped. Three trains can operate on a continuous loop and one in the yard. Currently working on operating signals.

**Tim Boyce**

HO L&N/B&O/C&O/WM 50-60's
12x24 Scenery: 40% DC

Western Kentucky into Indiana and Ohio. Custom painted locomotives. Large engine facility and a separate car repair shop. A historical area that replicates Clifton Forge includes a coaling tower and other period pieces.

**Gary Sherrill**

HO Nickle Plate Road Up to 1964
750 Sq Ft Scenery: 10% DCC-Digitrax

Railroad models the Clover Leaf and the Indianapolis & Michigan City Divisions. Operates both steam and diesel. The switching portion of the layout depicts Kokomo, Indiana. The layout is 2 levels. The upper level has primarily ground throws and the lower level has dcc controlled routing.

**Gerald & Tanya Burdick**

HO Travis and Sons Lumber Company 1940
12x30 Scenery: 75% DCC-Digitrax with JMRI and Engine Driver

This is a freelance railroad inspired by the Cass Scenic Railroad. The layout has a heavy dose of C&O steam. Super power steam operates on the main, while Shays, Heislers and Climaxes work the lumber yards. Locos are equipped with sound. Scenery is West Virginia with plenty of mountains and tunnels. The layout sits in the living and dining room of the Burdick's home.

**Jan Wood/Jeff Cox**

HO Nickel Plate Road Late 50’s
30x18 Scenery: 100% DCC-Digitrax

The layout replicates the Nickel Plate Road from Frankfort, IN to Kokomo, IN. The layout is in the transition period so it features first generation diesels and steam. Large yard area. Mr. Wood passed away, now the layout is operated by Mr. Cox who is a family member. A video of the layout and its operation is available on YouTube under “Jan Woods Layout”.

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**Indy West**

Wednesday, July 6th
6:00P – 10:00P

**Bill Moore**

HO Allegheny & Western RR 50's
20x14 with 2 2'x 16' ext Scenery: 90% DCC-Digitrax

Layout is located in a garage with 2 extensions that are pulled outside and attached to the layout. Replicates the area of West Virginia that includes Cass when it was still part of the C&O.

**Steve Poe**

N Doctors Orders Railroad 50's
8x23 Scenery: 80% DC

Features Union Pacific steam and diesel. Many of the locomotives and buildings are scratch built. The layout features rock formations that are correct for the locale modeled. Highly detailed scenes throughout the layout. Impressive backdrops.

**John Pancini**

HO Jasper Kentland & Wabash Railroad 60's-70's
20x20 Scenery: 100% DC

The railroad is freelanced with the main purpose to have local trains switch over 30 industries using a car/card system. Two
staging yards represent Northbound (Chicago) and the Southbound (Louisville). Some of the railroads you’ll see include the Monon, the Wabash, and several industrial switchers. Layout has a duck under.

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**Bloomington 1**

Wednesday, July 6th
11:00A – 5:00P

**Mike Bailey**

HO   BLMGT Railroad   1960s
11’X13’   scenic % - 95   DCC-Digitrax

The railroad is a freelance operation, modeling the Nickel Plate and Monon railroads in Indiana. It consists of 2 mainlines that represent 4 Midwestern towns with three passenger stations. A coal mine with loading facility, three switch yards and two passing tracks. The railroad can be operated by a computer program written to control trains operating on the two mains.

**Trevor Jones**

N   British Railways   1960s
35’X18’   scenic % - 100
DC w/MRC walkaround throttles

Layout features the Midland Region double track mainline interchanging with the western Region single track main. Many locations are built as Layout Design Elements from the prototype. This is a well scenicked award winning layout. It features both passenger as well as freight service.

**Paul Lutz**

HO   Conrail   1990s
30’X30’   scenic % - 10   DCC-Digitrax

Layout models the Marion Branch of Conrail. Loosely based on an existing line that runs north and south from Elkhart, IN to Indianapolis, IN. It has yards at several different points between the 2 cities. The layout is double deck, point to point mainline with a third lower level staging, all of which are connected by a helix. Operations are controlled by a dispatcher via radios.

**Marty Witkiewicz**

HO   Erie Lackawanna   1975
910 sq. ft.   scenic % - 10
DCC-NCE Wireless

Layout models the Fairfax Division. It is a freelance railroad which depicts scenes, buildings, and other details that would be found along the railroad during the designated period. The railroad is a single deck with a linear design. It included 210’ of mainline running. The layout has a large division point classification yard, multiple industries and several interchanges with other railroads. During operation sessions the dispatcher communicates with the crews via radio.

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**Bloomington 3**

Wednesday, July 6th
5:00P – 10:00P

**Bob Babcock**

HO   Seaboard Air Line   60's
DCC-Digitrax

Layout features a single track secondary route which also interchanges with the Atlantic Coast Line. The layout focuses on industry switching and local freight trains.
with some passenger service. Operations can utilize a car card system. Control is with wireless or tethered throttles.

**Paul Surburg**  
HO Pennsylvania 50’s  
25x25 Scenery: 100% DCC & DC

This fully landscaped layout includes two-track mainlines, fully signaled with PRR position lights with upper and lower divisions connected by a 1.8% grade. It has two yards and six stations. Thirty car freights and eleven car passenger trains are the norm. A unique feature is an elevated line fashioned after the NY subway system with shielded third rails.

**Robert Talbot**  
HO L&N 18x38 Scenery: 60% DCC

The railroad models the Laurel Division of the L&N. It is a point to point, running from Cincinnati to Dante, Va. Both urban and rural scenes are modeled, with 2 yards and 16 switched industries. Dante is all about coal movements and Cincinnati is industrial switching. The layout has a seven level helix and a lower level staging for 16 full trains. Trains can be brought up the helix in either a northbound or southbound direction.

**Jim Koryta**  
O Gauge 3-rail, Hi-rail  
Freelance Varies  
9x14 Scenery: 90%

Layout has two loops with interconnecting tracks. Also has a 6x2.5 foot trolley loop with energized trolley wire which powers small trolleys. Track is Gargraves except for the trolley area which is tubular. Small town elements are featured. Locomotives are new Lionel and Williams along with old Marx and Lionel.  
The farm scene was included in the October 2009 issue of Classic Toy Trains magazine.

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**S560 Thursday $5**

**Lafayette**  
Thursday, July 7th  
9:00A – 5:00P

**Chad Boas**  
HO Monon Late 50’s  
30x44 Scenery: 20% DCC

Layout features the Monon Shops in Lafayette, Indiana. Layout has over 600’ of mainline running. Features Atlas #6 turnouts and code 100 track. When doing operations the layout functions on verbal authority.

**Chuck Tuttle**  
HO Salt Creek and Eastern 1960’s  
1200 sq. ft. Scenery: 80% DCC

This is a double deck layout with the transition between levels being managed with a helper grade rather than with a helix. This layout was designed and built for Operation and has hosted many Operation Sessions. It is an excellent layout showing how to provide for yard operation and switching out on the railroad using Time Table and Train Orders. It has several railroad interchanges and also a narrow gauge railroad logging operation.

**Tim Kerkhoff**  
HO Overland Green River RR 50’s  
2500 sq. ft. Scenery: 75% CTC-80

The layout replicates the Union Pacific Railroad from Cheyenne, Wyoming to Ogden, Utah. It is a two-level layout with multiple stacked staging yards. Fascia has mounted track diagrams and station names. Beautiful scenery and custom painted backdrops bring the railroad to life.
When doing operations the railroad features both freight and passenger. Layout can host approximately 20 operators. Minimum radius is 36”.

Anderson
Thursday, July 7th
1:00P – 5:00P

Roger Hensley
HO East Central Indiana 1970
14x13 Scenery: 100% DCC

Railroad is based on the line from Anderson, IN to Westport, IN. Originally NYC, then Penn Central, the line was sold to the ECI. There are 2 yards on the layout, Anderson, ex-PRR, and the Westport, ex-NYC. Both towns have several businesses requiring rail service. The layout operates on DCC with 2 automatic reversing switches. Tortoise switch machines are used to improve operations.

Madison County Historical Society (MCHS) Model Railroad Museum

The Museum contains an HO layout measuring 5x16, a 4x6 On30, a 4x8 O Scale traction layout, and an O-27 Lionel and Marx layout dating to the 1950’s. Also included are a large N Scale layout and an S Gauge American Flyer layout on a 4x12 panel. There are numerous railroad photos on the walls representing the early 1900's up to today. Also includes many pieces of RR memorabilia and a mockup of a ¼ scale Baker Value Gear on a NYC steam locomotive.

Jeff Norkin
HO Indiana Flattop & Nostalgia RR Freelance
21x11 Scenery: 5% DCC-Digitrax

The layout is being constructed with operations in mind. Dwarf signals are operational. The intent is to model general Midwestern themes but the primary focus will be operations.

Jim and Luana Wilhite
HO Buttercup Valley and Denver Mountain Railroad 40’s-50’s
16x24 Scenery: 100% DCC-Digitrax

The layout is an around the wall design. Layout is built 40 inches from the floor which requires passing under a lift bridge. Layout has continuous running with both steam and diesel locomotives. A yard contains 8 tracks and a 9-stall roundhouse that surrounds a working turntable. The layout showcases lots of mountains and a special effect using a DVD player and video screen showing a waterfall. A narrow gauge railroad operates in part of the mountain settings.

S660 Friday $5

Greenwood 2
Friday, July 8th
1:00P – 5:00P

Esteban Martinez
HO BNSF 90’s to Current Date
16x30 Scenery: 99% DCC-Digitrax

This layout replicates the BNSF Northern Transcon between Wolfpoint, Mt and Essex, Montana. Mainline track is code 83 flex with concrete ties. Sidings, spurs and turnouts are handlaid. Turnouts are all #6’s. Minimum radius is 25”. Beautifully painted backdrops also highlight this layout. This layout requires a duck under. The layout will also be featured in an edition of Model Railroad Hobbyist on line magazine.
**John Kehoe**

N  Milwaukee Road  1950's-60's  
16x11  Scenery: 95%  DCC-NCE

Layout has a loop to simulate double track in a “U” shape. General area depicted includes areas served by the Milwaukee Road. Early diesel power operates on the layout.

**Doug Kemp**

HO  Pennsylvania  40-50's  
16x8  Scenery: 70%  DCC-MRC

Models central Indiana, Beech Grove to Acton, Indiana areas. Features operating signals and many buildings with detailed interiors and lighting for a nice scene. Turnouts are controlled by tortoise switch machines. Large roundhouse.

**Jerry Meyers**

HO  Naptown & White River: Trinity Exchange  50’s-60’s  
35x12  Scenery: 20%  DCC-Digitrax

Freelance railroad with southern Indiana and Ohio countryside. Large bridges as focal points. Three interchanges which include a yard, turntable, and a reversing loop. Track plan is in a large loop and across signature bridges including a 5 foot double-track truss bridge. Can do operations or continuous running with numerous switching opportunities.

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**General Interest Tours**

**Indianapolis Motor Speedway Museum**

G341  Tuesday, July 5  $75  
8:30A – 12:00P

G444  Wednesday, July 6  $75  
8:30A – 12:00P

The Indianapolis Motor Speedway is home to the Greatest Spectacle in Racing – The Indianapolis 500. The racetrack features three races a year, the Indianapolis 500, the Brickyard 400, and now the Red Bull Indianapolis GP. The Speedway Museum, open year round, has an amazing collection of race cars and offers a ride around the racetrack (Track rides may not be available during testing or other on-track activities).

**Children’s Museum of Indianapolis**

G342  Tuesday, July 5  $80  
9:45A – 1:00P

G549  Thursday, July 7  Canceled
9:45A – 1:00P

The Children’s Museum of Indianapolis is the largest Children’s Museum in the world. It has a planetarium, a theater stage, and most importantly to us, it has the Reuben Wells. This is the 55-ton steam locomotive built in 1868 to conquer the Madison hill in southern Indiana.

**Indianapolis Zoo**

G240  Monday, July 4  Canceled
11:00A – 3:00P

Moving west from the Westin and walking across the Washington Street Pedestrian Bridge, leads you to the Indianapolis Zoo and White River Gardens. Located in White River State Park, White River Gardens provides a beautiful experience as you walk
through the 3.3 acres of plantings. The Gardens are also home to special exhibits. The Indianapolis Zoo, first opened in 1964, moved to this location in 1988. The zoo offers five biomes – areas of similar habitat: Encounters, Forests, Oceans, Deserts and Plains.

Indianapolis Museum of Art

G343  Tuesday, July 5  
1:00P – 5:00P  
Canceled

G446  Wednesday, July 6  
1:00P – 5:00P  
Canceled

Founded in 1883, Indianapolis Museum of Art is one of the 10 oldest museums in the country. Its 152 acre campus includes beautiful plantings and art. The museum also includes the Oldfields estate, and 54000 works. Constantly changing exhibits provide a great learning experience. Special, ticketed exhibits bring art to Indianapolis from other locations. These exhibits change often.

Mass Ave

G445  Wednesday, July 7  
10:00A – 2:00P  
Canceled

As a part of the Arts and Theatre District of Indianapolis, Mass. Ave. (actually Massachusetts Avenue – one of the radial streets emanating from the Circle) is a vibrant area with restaurants, shops, and a viable night life. Stout’s Shoes is the oldest shoe store in the nation, having been opened in 1886. Mass Ave is also listed on the National Register of Historic Places.

Columbus, IN, Architectural Tour

G547  Thursday, July 7  
8:00A – 5:00P  
Box Lunch

Visit Columbus, Indiana, a city of 45,000 with extraordinary examples of architecture and public art. The American Institute of Architects ranked Columbus sixth in the nation for innovation and design and National Geographic Traveller ranked Columbus at the top of its list of United States historic destinations.

Conner Prairie Tour

G650  Friday, July 8  
1:00P – 5:00P  
$80

Conner Prairie Interactive History Park, just North of Indianapolis is a period museum where you can visit Prairietown. Visitors are able to re-live the year 1836 in Indiana history. The village has 15 buildings including a fur trading post, a school house, and pottery shop. On a campus of 200 acres, visitors will have the opportunity to experience live history during their visit. Many of the exhibits are hands-on and you’ll also use your senses of sight, hearing, and smell to fully understand early Indiana history. Symphony on the Prairie brings great music to the park on select summer evenings.
Clinics

As mentioned above, all clinics will be held in the convention hotel, The Westin Indianapolis. The list of clinicians contains both veterans and new presenters. There will be a good mix of subjects so you will be able to plan your schedule to maximize learning interesting model railroad subjects and techniques. There will be tracks of subjects such as Steel Mill Modeling, JMRI, Layout Design and Operations. EduTRAIN will also have a presence with several clinics being presented.

Clinics at the national convention are free to convention registrants. Attendees do not need to purchase tickets to attend these regular clinics. You only need to display your convention nametag for entry to the clinic rooms.

Non-Rail Clinics

We have put together a wide selection of non-rail clinics and are excited to get going! There are wonderful speakers ready to share with us what life is like married to a model railroader; Confessions of an Organized Woman; cat rescue and foster care; service dogs in a court room / or funeral home (tentative). There will be sessions for understanding and using Facebook, Instagram, Twitter and Pinterest. Interested in looking younger? Older? A makeup specialist will show us how. Do you like to journal? What kind? Let's discuss. There will also be a video & discussion on Creativity & the Mind. How do people arrive at "aha" moments? Right-brained? Left-brained? It's actually been captured on film. Come and see.

We have craft workshops: decorating slate tiles, making felt Christmas ornaments, recycled Christmas cards, coffee filter craft (they can do more than filter coffee), Project Linus (blankets for children), Big Hats/Little Hearts (knitting/crocheting hats for newborns). We are tentatively looking into a hotel Chef demonstration! A BINGO night is planned with prizes for the winners. In the Welcoming Room, there will be COLORING PAGES, jigsaw puzzles, a bookshelf, the opportunity to sit and visit with new or old friends. We'd like to find someone who can provide expert tips on how to make coloring creations pop with shading and color blending. Are you that person? We are also looking for any other clinicians interested in sharing their expertise. Please email penny.studley@gmail.com as soon as possible.

Extra Fare Clinics

There are, however, some clinics which do require advanced registration and payment to attend. These Extra Fare Clinics are usually hands-on, make-and-take clinics. Aided by the clinician, you'll work on a project and will be able to take it with you when you leave. These clinics are limited in size and sell out quickly. If you are interested in attending extra fare clinics, be sure to register for them soon after they become available.
**Boxcar Finishing Super Clinic**

**EF-1  Wednesday July 6  $8**

7:00P – 10:00P

This extra fare clinic presented by Badger Air-brush, will demonstrate using an airbrush to finish your models. All attendees of this clinic will learn proper airbrush technique and usage of water base acrylic paints – while painting an HO Box car, start to finish.

The clinic runs from 7:00P to 10:00P.

**Modeling With The Masters**

As part of the NMRA Education Department, the Modeling With the Masters (MWTM) program is a very popular part of the National Convention. These hands-on clinics are presented by those who have earned their Master Model Railroader designation through the NMRA Achievement Program. The 4 to 5 hour sessions will be offered Sunday through Wednesday of the convention week. Sessions begin with an overview of the project followed by each participant working on their own under the guidance of a Master Model Railroader.

**Note:** These sessions have a maximum seating capacity of 24. There can be no more than 24 students per class. Therefore, only 24 tickets will be sold for each class.

These sessions are extra fare. You will need to pre-register for your choice of sessions and pay the required fee. You will be able to take your project with you when you leave. Remember, these clinics sell out quickly. Register for them soon after they become available.

MWTM extra-fare clinics begin with an “M”. Each MWTM clinic will have its own session number. Note that there are separate clinic numbers for each scale offered. Make sure you choose the correct scale for your clinic.

**Modeling with the Masters Indianapolis 2016**

**MWTM - Introduction To Building Your Own Turnouts (1)**

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Title: Introduction To Building Your Own Turnouts  
Cost: $48 (HO/N) $55 (S/O)  
Date: Sunday July 3, 2016  
Time: 5pm to 11pm  
Scale: HO, HOn3, N, S, Sn3 & On30  
Lead Instructor: Clark Kooning, MMR
This clinic is about using a commercial product to build turnouts. Clark Kooning, MMR and the owner of Fast Tracks, Tim Warris, will be on hand to teach you how to use Fast Tracks products to build your very own scratch built turnout.

**NOTE:** There are 2 complete sessions of this popular clinic at 2 different times and dates in order to seat everyone who wants to attend. You only attend one or the other clinic not both.

**Required Tools:**

- Cutting mat (should be of reasonable size. **This is a must have item**)
- 10” new sharp Flat Mill file (This is a must item! Make sure it’s new!)
- This should be a fine file, not coarse.
- Triangular needle file
- Small Needle nose pliers
- Short power bar (must bring)
- 4’ or longer cord (we use these to string power to each modeller if outlets are limited)
- Tweezers
- A Sharpie Marker (medium tip)
- Xuron Rail cutters (**This is a must have item**)

A small soldering iron of 25 to 35 watt for N scale, Requires 35 watt for HO or larger. Make sure your iron has a pencil type tip. Recommend WELLER model WP35. (**This is a must have item**) Make sure your tip is new, clean and works.

- NMRA Track Gauge (if available in your scale)
- 1 set of free rolling trucks
- Ensure these trucks are in gauge!

Note a complete Tool Kit for this clinic is available for sale by Fast Tracks at http://www.handlaidtrack.com/clinic

**Students need to bring their own tools in order to participate in these clinics**

Bring any other tools you usually use or might find useful.

Optional tools: Optivisor, extra work light. These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option, but the light in the clinic rooms can sometimes be less than perfect.

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year round.

Please note an updated tool list may be sent to you the week prior to the convention. If not listed here, we will provide materials such as glues and paints.

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**MWTM - Introduction To Building Your Own Turnouts (2)**

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**Title:** Introduction To Building Your Own Turnouts

**Cost:** $48 (HO/N) $55 (S/O)

**Date:** Monday July 4 2016

**Time:** 7:30 am to 11:30 am

**Scale:** HO, HOn3, N, S, Sn3, and On30

**Lead Instructor:** Clark Kooning, MMR

This clinic is about using a commercial product to build turnouts. Clark Kooning, MMR and the
owner of Fast Tracks, Tim Warris, will be on hand to teach you how to use Fast Tracks products to build your very own scratch built turnout.

**NOTE:** There are 2 complete sessions of this popular clinic at 2 different times and dates in order to seat everyone who wants to attend. You only attend one or the other clinic not both.

**Required Tools:**

- Cutting mat (should be of reasonable size. **This is a must have item**)
- 10” new sharp Flat Mill file (This is a must item! Make sure it’s new!)
- This should be a fine file, not coarse.
- Triangular needle file
- Small Needle nose pliers
- Short power bar (must bring)
- 4' or longer cord (we use these to string power to each modeller if outlets are limited)
- Tweezers
- A Sharpie Marker (medium tip)
- Xuron Rail cutters (**This is a must have item**)
- A small soldering iron of 25 to 35 watt for N scale, Requires 35 watt for HO or larger.
- Make sure your iron has a pencil type tip.
- Recommend WELLER model WP35. (**This is a must have item**)
- Make sure tip is new, clean and works.
- NMRA Track Gauge (if available in your scale)
- 1 set of free rolling trucks
- Ensure these trucks are in gauge!

Note a complete Tool Kit for this clinic is available for sale by Fast Tracks at [http://www.handlaidtrack.com/clinic](http://www.handlaidtrack.com/clinic)

**Students need to bring their own tools in order to participate in these clinics**

Bring any other tools you usually use or might find useful.

Optional tools: Optivisor, extra work light. These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option, but the light in the clinic rooms can sometimes be less than perfect.

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year round.

Please note an updated tool list may be sent to you the week prior to the convention.

If not listed here, we will provide materials such as glues and paints.

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**MWTM -“Scenery by the Square Foot” – A Two Part Clinic (part A) (3a) [Sold Out]**

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**Title:** Introduction to Scenery  
**Cost:** $48  
**Date:** Monday, July 4 2016.  
**Time:** 12:45 to 5pm  
**Scale:** N-HO-S- O  

**Lead Instructor:** Peter Youngblood, MMR assisted by MMR, Clark Kooning, MMR, Jim Gore MMR and Fred Headon, MMR

This is a two part clinic...you pay one fee of $48 but must attend Part A and Part B to complete this clinic

Part B of this clinic is Wed, July 6 2016  
**Time:** 8am to noon
Introduction to Model Railroad scenery.... Learn basic scenery techniques applicable to all scales using readily available commercial products. In one square foot, you’ll build and contour land forms using layers of foam insulation board. Next you’ll apply ground cover materials, make a pipe drainage culvert, ballast a short segment of HO scale track, create a gravel country road, make several trees, install a grade crossing and add a trickle of water to the culvert. ... This is a two (2) part clinic due to the need for drying time, in the first clinic session you put down a foundation. And in part two of these clinics, you finish the scene. You must have taken Part A of this clinic to participate.

Required Tools

#1 X-acto knife
#11 & #17 X-acto blades
#1433 Woodland Scenics Foam Knife w/blade
#ST 1432 Woodland Scenics Foam Nails
#5912 Woodland Scenics Sprayer Bottle
12” Metal Ruler graduated in inches
Small pointed tweezer
2 Paint brushes (#3 and ½” flat)
Emery Boards (the ones women use to file their nails)
Small scissorSelf-healing cutting mat 8 1/2” x 12” (or larger is fine) ½” clear
Scotch Tape
1 Pack Handi-Wipes

Students need to bring their own tools in order to participate in these clinics

Bring any other tools you usually use or might find useful.
Optional tools: Optivisor, extra work light. These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option!

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box.

These are usually available at department stores year round.

Please note an updated tool list may be sent to you the week prior to the convention.
If not listed here, we will provide materials such as glues and paints

Due to the popularity of this clinic, a second section has been added. Information is given at the end of the Modeling with the Masters listings.

MWTM - Introduction to Plastic Structures & Painting With Acrylics and Pan Pastels – A Two Part Clinic (part A) (4)

Sold Out

M4A HO scale $45

Title: Building A Plastic Structure from City Classics
Cost: $45
Date: Monday, July 4 2016
Time: 7pm to 10:30 pm
Scale: HO Only

Lead Instructor: Fred Headon, MMR and Clark Kooning, MMR; assisted by Peter Youngblood, MMR, and Jim Gore MMR

This is a two-part clinic...you pay one fee of $45 but must attend Part A and Part B to complete this clinic
Part B of this clinic is Tuesday, July 5, 2016
Time: 8am to 11:30

Fred Headon, MMR will take you through the steps of building a Plastic Structure for the first time. This is a great project for
those who are new to building structures and as well as for those who have lots of experience. This clinic is not just about building a plastic structure kit; it is also about new ways of painting these types of plastic kits. You will be taught to use Acrylics or craft type paint plus the use of Pan Pastels as a whole new way of painting a structure. You will be amazed at what you can do simply with a brush and a sponge.

You will be assisted by 3 other MMRs during your hands-on experience. This is a two (2) part clinic. In the first clinic session, you will assemble the project kit and apply the basic primer paint as a foundation. Due to the need for drying time, we will then have a second session on painting the structure with Acrylics and Pan Pastels.

The second part of the clinic is Tuesday, July 5, 2016 from 8am to 11:30am.

Required Tools:

Self-healing cutting mat 8 1/2” x 12” or larger,

#1 X-acto knife with NEW #11 blade,
Extra new #11 blades,
#1 X-acto with a NEW #17 blade,
Metal cutting edge (scale rule will work),

Tweezers – straight tip, hooked tip,
Sanding stick and/or flat files,

Micro-brushes,
3 or 4 small (approximately 2.5 oz) weights,
Paint brushes - #2 flat tip bristles, (#000 flat tip or pointed tip bristles).

**Students need to bring their own tools in order to participate in these clinics**

Bring any other tools you usually use or might find useful.

Optional tools: Optivisor, extra work light.

These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option!

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box.

These are usually available at department stores year round.

Please note an updated tool list may be sent to you the week prior to the convention.

If not listed here, we will provide materials such as glues and paints

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Due to the popularity of this clinic, a second section has been added. Information is given at the end of the Modeling With the Masters listings.

MWTP - Introduction Plastic Structures & Painting With Acrylics and Pan Pastels –A Two Part Clinic (part B) (4b)

M4B  HO scale  Sold Out

Title: Building A Plastic Structure From City Classics
Date: Tuesday, July 5 2016
Time: 8am to 11:30 am  HO Only
Scale: HO Only

YOU MUST HAVE TAKEN PART “A” on Monday July 4, 2016  Time: 7 pm to 10:30pm

Lead Instructor: Fred Headon, MMR and Clark Kooning, MMR; assisted by Peter Youngblood, MMR, and Jim Gore MMR

Fred Headon, MMR will take you through the steps of building a Plastic Structure for the first time. This is a great project for those who are new to building structures as well as for those who have lots of experience. This clinic is not just about building a plastic structure kit; it is also about new ways of painting these types of plastic kits. This is a two (2) part clinic. In the first clinic session you will assemble the project kit and apply the basic primer paint as a
foundation. Due to the need for drying time, there must be a Part Two for this clinic. In Part Two, you will be taught to use Acrylics or craft type paint plus the use of Pan Pastels as a whole new way of painting a structure. You will be amazed at what you can do simply with a brush and sponge. You will be assisted by 3 other MMRs during your hands on-experience.

You must have taken Part A of this clinic to participate.

Required Tools
Self-healing cutting mat 8 1/2” x 12” or larger,

#1 X-acto knife with NEW #11 blade,
Extra new #11 blades,
#1 X-acto with a NEW #17 blade,
Metal cutting edge (scale rule will work),

Tweezers – straight tip, hooked tip,
Sanding stick and/or flat files,

Micro-brushes.
3 or 4 small (approximately 2.5 oz) weights,
Paint brushes - #2 flat tip bristles, (#000 flat tip or pointed tip bristles).

Students need to bring their own tools in order to participate in these clinics

Bring any other tools you usually use or might find useful.
Optional tools: Optivisor, extra work light.
These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option!

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year round.

Please note an updated tool list may be sent to you the week prior to the convention.
If not listed here, we will provide materials such as glues and paints

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**MWTM - Weathering Rolling stock with oil-water base artist paints and other products (5)**

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<td>M5-a</td>
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<td>M5-b</td>
<td>N scale</td>
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Title: Weathering Rolling stock with oil paints and other products.
Cost: $35
Date: Tuesday July 5 2016
Time: 1pm to 5pm   HO & N
Scale: HO & N

Lead Instructor: Clark Kooning, MMR; assisted by Peter Youngblood, MMR, Fred Headon, MMR, and Jim Gore, MMR
Clark Kooning, MMR and the MWMT team will provide you with the knowledge to look at the prototype for weathering ideas on freight cars. Then they will show you how using primarily oil-water base artist paints you can weather your own cars. You will be shown how to choose, mix and apply the artist medium to your models to create your own realistic weathering. In addition, they will be discussing how an airbrush is also important in this process. We will also discuss the different types of other weathering products you may also choose to use in addition to the primary application of primarily oil-water base artist paints

Important note: Each Student is responsible to bring his or her own cars for weathering we suggest 2 cars. We suggest a Modern Box car and a covered hopper

Required Tools:
Assorted Paint brushes: 1/8 flat, 1/4 flat, ½ flat, ¾ flat, ½ fan brush, ¾ fan brush must be made for oil Paints.
Fiberglass Eraser (small pencil style) Micro Mart carries this Item #14259
12” Steel ruler graduated in scale feet (for your scale)
Toothpicks
Emery boards (the ones women use to file their nails)
Sanding stick
3 (000) Sable paint brush (may be called Natural paint brush)
Plastic Paint pallet (Michael’s Artist’s Loft™ Fundamentals™ Palette & Knives Set Item# 10122055)

**Important note: Participants must drop off both cars on Sunday night for prepping by staff!!!!!!!**

**Students need to bring their own tools in order to participate in these clinics**

Bring any other tools you usually use or might find useful.
Optional tools: Optivisor, extra work light. These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option!

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year round.

Please note an updated tool list may be sent to you the week prior to the convention.
If not listed here, we will provide materials such as glues and

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**MWTM – Building Structures with Card Stock & Paper (7)**

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Title: Building Structures With Paper
Cost: $48
Date: Tuesday July 5 2016
Time: 7:00pm to 10:30
Scale: N-HO-S- O

Lead Instructor: Jim Gore MMR; assisted by Peter Youngblood, MMR, Clark Kooning, MMR, and Fred Headon, MMR

Jim Gore, MMR will take you on an amazing journey into Cardstock and Paper buildings. This hands-on clinic is all about building structures from paper which has been printed to look like a building. This clinic will cover the construction of a basic cardstock kit. He will cover printing, cardstock selection, and tools and techniques and some detailing and weathering ideas for cardstock in general. You will be amazed at how real these card stock buildings look. And yes, we will build a structure - “The Silver City Nevada Mine Shed” from Clever Models.

Required Tools:

#1 Xacto knife with new #11 blades
Extra new #11 blades
Self-healing cutting mat 8 1/2” x 12” (or larger is fine)
Fine-tipped forceps (“tweezers” not a haemostat)
#2 or smaller stiff-bristled brush

Bring any other tools you usually use or might find useful.
Optional tools: Optivisor, extra work light. These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option!

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year round.

Please note an updated tool list may be sent to you the week prior to the convention. If not listed here, we will provide materials such as glues and paints.

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year round.

Please note an updated tool list may be sent to you the week prior to the convention. If not listed here, we will provide materials such as glues and paints.

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**MWTM - “Scenery by the Square Foot” – A Two Part Clinic (part B) (3a)**

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<th>Scale</th>
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Title: Introduction to Scenery
Cost: $48
Date: Wed, July 6 2016
Time: 8am to 11:30

Scale: N-HO-S-O

Lead Instructor: Peter Youngblood, MMR assisted by MMR, Clark Kooning, MMR, Jim Gore MMR and Fred Headon, MMR

This is a two-part clinic...you pay one fee of $48 but must attend Part A and Part B to complete this clinic
Part B of this clinic is Wed, July 6 2016  Time: 8am to noon

Introduction to Model Railroad scenery.... Learn basic scenery techniques applicable to all scales using readily available commercial products. In one square foot, you’ll build and contour land forms using layers of foam insulation board. Next you’ll apply ground cover materials, make a pipe drainage culvert, ballast a short segment of HO scale track, create a gravel country road, make several trees, install a grade crossing and add a trickle of water to the culvert.

Required Tools

#1 X-acto knife
#11 & #17 X-acto blades
#1433 Woodland Scenics Foam Knife w/blade
#ST 1432 Woodland Scenics Foam Nails
#S912 Woodland Scenics Sprayer Bottle
12” Metal Ruler graduated in inches
Small pointed tweezer
2 Paint brushes (#3 and ½” flat)
Emery Boards (the ones women use to file their nails)
Small scissors
Self-healing cutting mat 8 1/2” x 12” (or larger is fine) ½” clear Scotch Tape
1 Pack Handi-Wipes

Bring any other tools you usually use or might find useful.
Optional tools: Optivisor, extra work light. These are handy tools which you could use in our clinics, but it is not essential that you
buy them just for this week. It is your option!

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year round.

Please note an updated tool list may be sent to you the week prior to the convention.
If not listed here, we will provide materials such as glues and paints

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*This is the added second section of this very popular clinic. Note you will pay one fare, but you must attend both part A and part B of this clinic.*

**MWTM - Introduction to Plastic Structures & Painting With Acrylics and Pan Pastels – A Two Part Clinic (part A) (4)**

**M4A-2**  HO scale  $45

**Title:** Building A Plastic Structure from City Classics
**Cost:** $45
**Date:** Sunday, July 3, 2016
**Time:** 5pm to 11pm
**Scale:** HO Only

Lead Instructor: Fred Headon, MMR and Clark Kooning, MMR; assisted by Peter Youngblood, MMR, and Jim Gore MMR

This is a two-part clinic...you pay one fee of $45 but must attend Part A and Part B to complete this clinic
Part B of this clinic is Monday, July 4, 2016
Time: 7:30 am to 11:30 am

Fred Headon, MMR will take you through the steps of building a Plastic Structure for the first time. This is a great project for those who are new to building structures and as well as for those who have lots of experience. This clinic is not just about building a plastic structure kit; it is also about new ways of painting these types of plastic kits. You will be taught to use Acrylics or craft type paint plus the use of Pan Pastels as a whole new way of painting a structure. You will be amazed at what you can do simply with a brush and a sponge. You will be assisted by 3 other MMRs during your hands-on experience. This is a two (2) part clinic. In the first clinic session, you will assemble the project kit and apply the basic primer paint as a foundation. Due to the need for drying time, we will then have a second session on painting the structure with Acrylics and Pan Pastels. The second part of the clinic is Monday, July 4, 2016 from 7:30 am to 11:30 am.

**Required Tools:**

Self-healing cutting mat 8 1/2” x 12” or larger,

#1 X-acto knife with NEW #11 blade,
Extra new #11 blades,
#1 X-acto with a NEW #17 blade,
Metal cutting edge (scale rule will work),

Tweezers – straight tip, hooked tip,
Sanding stick and/or flat files,

Micro-brushes,
3 or 4 small (approximately 2.5 oz) weights,
Paint brushes - #2 flat tip bristles, (#000 flat tip or pointed tip bristles).

**Students need to bring their own tools in order to participate in these clinics**

Bring any other tools you usually use or might find useful.
Optional tools: Optivisor, extra work light. These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option!
A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year round.

Please note an updated tool list may be sent to you the week prior to the convention. If not listed here, we will provide materials such as glues and paints.

This is the added second section of this very popular clinic. Note you will pay one fare, but you must attend both part A and part B of this clinic.

MWTM - Introduction Plastic Structures & Painting With Acrylics and Pan Pastels – A Two Part Clinic (part B) (4b)

M4B-2  HO scale

Title:  Building A Plastic Structure From City Classics
Date:  Monday, July 4 2016
Time:  7:30 am to 11:30 am  HO Only
Scale:  HO Only

YOU MUST HAVE TAKEN PART “A” on Sunday July 3, 2016  Time: 5 pm to 11 pm

Lead Instructor: Fred Headon, MMR and Clark Kooning, MMR; assisted by Peter Youngblood, MMR, and Jim Gore MMR

Fred Headon, MMR will take you through the steps of building a Plastic Structure for the first time. This is a great project for those who are new to building structures as well as for those who have lots of experience. This clinic is not just about building a plastic structure kit; it is also about new ways of painting these types of plastic kits. This is a two (2) part clinic. In the first clinic session you will assemble the project kit and apply the basic primer paint as a foundation. Due to the need for drying time, there must be a Part Two for this clinic. In Part Two, you will be taught to use Acrylics or craft type paint plus the use of Pan Pastels as a whole new way of painting a structure. You will be amazed at what you can do simply with a brush and a sponge. You will be assisted by 3 other MMRs during your hands on-experience. You must have taken Part A of this clinic on Sunday July 3, 2016, Time: 5 pm to 11 pm to participate.

Required Tools
Self-healing cutting mat 8 1/2” x 12” or larger,

#1 X-acto knife with NEW #11 blade,
Extra new #11 blades,
#1 X-acto with a NEW #17 blade,
Metal cutting edge (scale rule will work),

Tweezers – straight tip, hooked tip,
Sanding stick and/or flat files,

Micro-brushes.
3 or 4 small (approximately 2.5 oz) weights,
Paint brushes - #2 flat tip bristles, (#000 flat tip or pointed tip bristles).

Students need to bring their own tools in order to participate in these clinics

Bring any other tools you usually use or might find useful.
Optional tools:  Optivisor, extra work light. These are handy tools which you could use in our clinics, but it is not essential that you buy them just for this week. It is your option!

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year round.
Please note an updated tool list may be sent to you the week prior to the convention. If not listed here, we will provide materials such as glues and paints.

### Contest Room

As the name states, this is the location for models that are to be entered in the judged model contest. In addition to the contest, as in past conventions, the contest room will also be an area where models not entered in the contest will be on display. So whether you decide to enter the contest or would rather only have your model on display, there will be room for you. This room is a great place for all attendees to visit to see the work of some very accomplished modelers. This is also the location for the Photo contest.

Bring an example of your best work and either display it or enter it in the contest. Attendees should be sure to visit this room. Walking through the contest room and seeing the models provides incentive to head back to your workbench and build something.

### Eligibility and Entry

All NMRA members are eligible to enter any of the events in accordance with the applicable rules of the contest with the exception of the arts & crafts contest, which is open to all convention registrants, NMRA members or not. See the NMRA website/contest webpage for detailed rules & guidelines. Contest officials and volunteers will be available to assist entrants.

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### Operations Road Show

The Operations Road Show (ORS) layout is a modular constructed layout which features realistic TT & TO operations on 53 miles of the Wabash Montpelier Division's Second Sub-division between Peru and Lafayette, Indiana. Designed with unobstructed access to fit into the typical hotel ballroom at NMRA National Conventions, a unique aspect of the modules is that they are double-sided; doubling the running length and with about one foot of depth to the modeled scene running between towns, and expanding out to as much as 24 inches for the towns.

The purpose of this layout is to provide a learning experience, for both new operators and “seasoned” veterans, in the art of Timetable and Train Order (TT&TO) Operations. ORS offers three-hour operating sessions on a first-come, first-served basis. You may sign up for sessions at the convention. Just like prototype TT&TO Operations, all communication between the dispatcher and the crews as they negotiate the 400 feet of mainline track is by written train orders, car cards, waybills and telephonic OS reports. Each 3-hour session is set up for six, two-person crews.

The layout was written up in the February 2006 issue of Rail Model Journal and in the NMRA monthly magazine, Scale Rails.

Contact Info Operations Road Show: wab2ndops@yahoo.com
Silent Auction

We’re looking for two types of railroaders: those who have something to sell and those who are looking for something to purchase. Actually, that may be the same person. Whichever type you are, here is your chance to sell those unused items to someone who can put it to use. It’s a win/win situation.

Highball to Indy 2016 will continue the trend and hold a silent auction. There will also be a “Buy It Now” section for those who wish to set a price for immediate sale. Pre-registration will begin May 15th and run through June 24th. Minimum opening bids will be $10.

Previous versions of this packet had the minimum opening bid listed as $1.00. That was in error. We apologize for any confusion this might have caused. The correct minimum opening value is $10.00.

Pre-registration forms will be available on the nmra2016.org website. For access to these forms, click on the Programs tab.

Hours:
Sunday 12-5 & 6-9 Intake only
Monday 9-12 Intake only
Monday 1-5 & 6-9 Bidding opens and intake continues
Tuesday 9-12 1-5 & 6-9 Bidding and intake continues
Tuesday 7PM Intake stops
Wednesday 9-12 & 1-7 Bidding only
Wednesday 7PM Bidding stops
Thursday 12-5 & 6-9 Buyers’ payment day
Friday 12-6 Sellers’ payment day

Items will be accepted till the room is full, all preregistered items must be in the auction room by the Tuesday evening cut off of 7PM.

There will be a Buy It Now table. Buy It Now items still need to have a minimum price of $10.

The Auction Committee requires a minimum opening bid of $10.00. Please package items accordingly.
The Committee reserves the right to refuse items of low value.
Any items left after Friday, July 8th, become the property of the Central Indiana Division.

NMRA Awards Banquet

The 2016 Awards banquet will be held Saturday night, July 9 in the Illinois Street Ballroom of Union Station. Union Station is on the National Register of Historic Places. The current building, built on the location of the first union station in the world, was finished in 1888.

There has been a change in speaker for the banquet. The new speaker will be Mr. Shane Wilson from ScaleTrains.com, Inc. More information about Mr. Wilson will be available soon.

NMRA Awards Banquet Ticket Sales:

B-B
Awards Banquet $69
Entrée = Beef

B-C
Awards Banquet $69
Entrée = Chicken

LDSIG Dinner
The LDSIG Dinner on Friday, July 8, will be held at the famous Rathskeller on 401 E Michigan St. The venerable establishment is set in the historic 19th century Athenaeum Building with unique decor, a great bar/gathering area, and plenty of room for our after-dinner activities. See www.rathskeller.com to prepare for a great experience.

Our evening includes:

6:00P Casual conversations and libations in the Kellerbar (cash)

7:00P Multiple-choice buffet dinner upstairs in the Upper Ballroom (elevator adjacent to the Kellerbar)

8:00P After-dinner entertainment and words of wisdom from Indiana native son and hobby icon Tony Koester

Tickets are $59 and should be purchased through the NMRA Registration Room.

Sign up for rides on a share-board in the LDSIG room.

**LDSIG Dinner Ticket Sales:**

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<td>LDSIG Dinner $59</td>
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<td>Multiple-choice Buffet</td>
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**Ladies Luncheon**

2016 Ladies Luncheon
Wednesday, July 6
12:00P – 2:00P
Cost: $42

This year's Ladies Luncheon will be held in the Bistro Lounge of the Skyline Club on top of the One America Building, four blocks away from the convention hotel. The view from the 36th floor includes the Westin, Monument Circle, the Indiana State Building, Lucas Oil football stadium, and many other sites. Check out their webpage: http://www.clubcorp.com/Clubs/Skyline-Club-Indianapolis/Dining

There will be a full, extensive lunch buffet:

- Soup of the Day
- Three Salads to include a lettuce salad bar
- Jumbo Shrimp Cocktail
- Domestic and Imported Cheeses with Crackers
- Grilled Vegetables with Hummus
- Smoked Salmon Platter
- Warm Rolls and Butter served at guest tables
- Three Entrees to include beef, salmon and chicken
- Fresh Vegetables, Potatoes
- Dessert Bar with Fresh Fruit, Cookies, Assorted Cakes and Mousse
- Coffee, Decaffeinated Coffee, Iced Tea and Water

Dress code suggested: business casual or summer chic, denim is acceptable.

**Ladies Luncheon Ticket Sales:**

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<td>Ladies Luncheon $42</td>
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<td>Multiple-choice Buffet</td>
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**Events Subject To Change**

All convention activities are subject to change. Every effort has been made to verify that the information in this packet is accurate at the time of publication.
However, changes may occur impacting the program, tours or events of the convention between the time of publication of this packet and the start of the convention. Check the convention website for the latest information.

2016 website:  www.nmra2016.org

NMRA Conventions

General Refund Policy

Upon cancellation by an attendee, the appropriate refund will be issued in like payment. Please see specific refund criteria below. Allow up to 6 weeks processing time. Refunds applied for after June 15 of the convention year will not be processed until 6 weeks after the end of the convention. Please note that payment made by credit card will be refunded to your credit card.

All refunds will be approved by the Convention Committee and made ONLY by the staff at HQ. No refunds will be made by the local group or at the convention.

Separate policies have been established for registration fees, tours, events, merchandise, etc. Please read each section carefully for cancellation/refund criteria.

Cancellation of Extra Fare Event, Store Merchandise, Extra Fare Clinic or Tour

In the case of a cancellation by the convention, if an extra fare event, store merchandise, extra fare clinic or tour is canceled prior to the start of the convention; a notice will be sent to the attendee informing them of the cancellation. A full refund will be processed after 30 days of the notice if no other selection is made by the attendee.

Last minute cancellations by the convention may be exchanged for other available events, tours, etc. Refunds will not be processed until after the convention. Please allow up to 6 weeks processing time.

Registration Refunds

Cancellation requests should be received in writing either by standard mail (Convention Refund, NMRA, P.O. Box 1328, Soddy-Daisy, TN 37384-1328) or by e-mail (nmrahq@aol.com). The following registration refund schedule applies to each individual registrant:

Prior to May 1 of the convention year - a refund of the registration fee less a $25.00 administrative fee per individual registrant will apply.

May 1 to June 15 of the convention year - A refund of the registration fee less 25%, per individual registrant, will apply (minimum $25.00).

After June 15 of the convention year and prior to start of convention - A refund of the registration fee less 50%, per individual registrant, will apply (minimum $25.00).

No refund of the registration fee will be provided after the opening (Sunday) of the convention (except upon approval of the M&TS Department Manager).

Tour Refunds for Cancelled Registrations

Prior to June 15 of the convention year - 100% refund of paid tours.

After June 15 of the convention year, and prior to the opening of the convention, tour fees will be fully refunded only if the tour has sold out, the tickets have been resold, or if the tour was canceled by the convention.
On and after the first Sunday of the convention - all tickets eligible for resale must be presented to the Tour Desk (at the convention) on a consignment basis only. The Convention does not guarantee that consigned tickets will be resold. If the tickets are sold, the refund (less credit card fees if applicable) will be processed within six weeks of the end of the convention.

**Event Refunds for Cancelled Registrations**

Prior to June 15 of the year of the convention - 100% refund of paid events.

After June 15 of the year of the convention and prior to the opening of the convention, non-food event fees will be fully refunded only if the non-food event has sold out, the tickets have been resold or if the non-food event was canceled by the convention.

On and after the first day of the convention - all tickets eligible for resale must be presented to the Registration Desk (at the convention) on a consignment basis only. The Convention does not guarantee that consigned tickets will be resold. If the tickets are sold, the refund (less applicable credit card fees) will be processed within six weeks of the end of the convention.

**Extra Fare Food Events Refunds for Cancelled Registrations**

Banquet tickets or food event tickets may be returned for refund until 3 business days prior to the Banquet or event. No refunds for the banquet or event will be issued after the final food commitment is made by the convention manager (whichever date comes first).

During the convention, food event tickets may be presented to the Registration Desk for reselling on a consignment basis only.

The Convention does not guarantee that consigned tickets will be resold.

**Merchandise Refunds for Cancelled Registrations**

100% refund of paid merchandise if received by May 11 of the convention year. (This is the advance order cut-off date and may be subject to change each year)

If the request is received after the cut-off date, the merchandise will be shipped to the registrant and appropriate shipping charges will be added to your account.

No refunds for merchandise cancellations after the cut-off date will be issued.

**Extra Fare Clinic Refunds for Cancelled Registrations**

100% refund of paid clinics if received prior to June 15 of the convention year.

Cancellations after June 15 of the convention year are eligible for a refund only if the clinic space is subsequently resold. During the convention, Extra Fare Clinic tickets may be presented to the Registration Desk for resale on a consignment basis only.

The Convention does not guarantee that consigned tickets will be resold.

**Auction Refunds**

The host committee is responsible for setting the refund rules for the auctions. The convention offers no guarantee on the condition of the merchandise offered at the Auction and the buyer is purchasing the merchandise at their own risk. No refunds are provided under any circumstance for the Auction through the convention department.

**Tour & Event Tickets**

Tour and event tickets may be presented during the convention for reselling on a consignment basis only. Tour tickets must
be turned in to the Tour Desk. Event tickets must be turned in to the convention Registration Desk.

The respective areas will attempt to sell the consigned tickets to other attendees. If successful, the attendee will receive a refund (less credit card fees if applicable) for the ticket value by 6 weeks after the close of the convention. If the tickets are not resold, the attendee will not receive a refund for the consigned tickets.

The Convention does not guarantee that consigned tickets will be resold.

**Other Refunds and Exceptions**

All other requests for refunds will be made to and considered by the NMRA Convention General Chairman and the NMRA Meeting & Train Show Department Manager.

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See you this July, attending *Highball to Indy 2016* and enjoying your stay in Indianapolis.

*Highball to Indy*
2016 NMRA National Convention
Registration Form

Please type or print!

Registrant Last Name: __________ NMRA #: __________

First Name: __________

___ Dr. ___ Mr. ___ Mrs. ___ Ms. ___ MMR ___ HLM

SIG Memberships (shown on badge): ___ LDSIG ___ OPSIG ___ PRO ___ RPM ___ N ___ S ___ G

Complete Name As It Should Appear On Badge: __________

Area Code & Telephone #: __________

Street Address: __________

City: __________

State / Province: __________ ZIP: __________

Country: __________

E-Mail Address: __________

Name Of Companion: __________

___ Dr. ___ Mr. ___ Mrs. ___ Ms. ___ MMR ___ HLM

Complete Companion Name As It Should Appear On Badge: __________

E-Mail Address: __________

Names & Ages (As Of July 2016) Of Family Member(s): __________

Special Considerations: __________

Note: Tours, meal functions, non-rail activities, and tickets for other events may be added to this 2016 NMRA National Convention pre-registration as the events are announced and promoted.

Consortium Registration Fees

Before Feb. 1, 2016 SPECIAL RATE EXTENDED ! Fees After Feb. 1, 2016 Sub-Total

| Basic Registration (NMRA Member) x $130.00 | Basic Rate x $150.00 | $ |
| Companionship (Non-rail) Registration Fee x $55.00 | Companionship Fee x $60.00 | $ |
| Youth #1 (under 18 as of July 2016) x $50.00 | Youth #1 (under 18) x $55.00 | $ |
| Youth #2 (under 18 as of July 2016) x $50.00 | Youth #2 (under 18) x $55.00 | $ |
| NMRA Family Registration Fee x $270.00 | Family Rate x $290.00 | $ |
| Non-NMRA Member, add registration fee of $25.00 | Non-Member Rate, add $25.00 | $ |

* Must accompany a standard registration
** Family rate includes NMRA member, companion, and all children up to 18 years of age as of the national convention in July 2016

Total Submitted To: NMRA 2016 $

Payment Of Fees

Checks / money orders payable to: NMRA 2016

Mail to: NMRA
P.O. Box 1328
Soddy Daisy, TN 37384-1328

(Please do not staple checks to registration forms!)

Paying Via Credit Card, Complete Details Below Then Mail To NMRA:

___ AMEX ___ Discover ___ Mastercard ___ VISA

Security Code: __________ Exp. Date: __________

Full Name As It Appears On Card: __________ Card #: __________
## Convention Car Order Form

### 2016 NMRA National Convention

#### PLEASE TYPE OR PRINT!

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<tr>
<td>NAME</td>
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<th>Description</th>
<th>Qty.</th>
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<tbody>
<tr>
<td>CCH-1</td>
<td>HO scale Convention Car</td>
<td>Monon, car number 44003</td>
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<td>$44.95</td>
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<td>CCH-2</td>
<td>HO scale Convention Car</td>
<td>Monon, car number 44038</td>
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<td>CCN-1</td>
<td>N scale Convention Car</td>
<td>NKP, car number 8012</td>
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<td>CCN-2</td>
<td>N scale Convention Car</td>
<td>NKP, car number 8047</td>
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<td>CCN-3</td>
<td>N scale Convention Car</td>
<td>NKP, car number 8081</td>
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<td>CCN-4</td>
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<td>CCN-5</td>
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<td>NKP, car number 8153</td>
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<tr>
<td>CCN-6</td>
<td>N scale Convention Car</td>
<td>NKP, car number 8198</td>
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<td>$21.95</td>
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**Note:** There are limited quantities of each of the N Scale car numbers.

### Postage and Handling

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<th>Price</th>
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<tbody>
<tr>
<td>CCPH</td>
<td>Postage and Handling for Convention Car – For those not picking up ordered cars at the convention</td>
<td>$8.95</td>
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For up to two cars (for mailing to United States addresses)
Please contact us for mailing rates to other countries.

**Total Convention Car Charges**

---

50
<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Day</th>
<th>Time</th>
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<tbody>
<tr>
<td>P405</td>
<td>Amtrak, Beech Grove</td>
<td>Wednesday</td>
<td>9:00A – 1:00P</td>
<td>$34</td>
<td>Sold Out</td>
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<tr>
<td>P510</td>
<td>Amtrak, Beech Grove</td>
<td>Thursday</td>
<td>9:00A – 1:00P</td>
<td>$34</td>
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<tr>
<td>P612</td>
<td>Amtrak, Beech Grove</td>
<td>Friday</td>
<td>9:00A – 1:00P</td>
<td>$34</td>
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<tr>
<td>P715</td>
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<td>Saturday</td>
<td>9:00A – 1:00P</td>
<td>$34</td>
<td>Sold Out</td>
</tr>
<tr>
<td>P507</td>
<td>Indiana Rail Road</td>
<td>Thursday</td>
<td>8:00A – 5:00P</td>
<td>$62</td>
<td>Sold Out</td>
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<tr>
<td>P201</td>
<td>French Lick Scenic</td>
<td>Monday</td>
<td>8:00A – 4:00P</td>
<td>$75</td>
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<td>P404</td>
<td>Ind. Trans. Museum</td>
<td>Wednesday</td>
<td>8:15A – 11:45A</td>
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<tr>
<td>P613</td>
<td>Ind. Trans. Museum</td>
<td>Friday</td>
<td>3:30P – 9:30P</td>
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<td>P714</td>
<td>Ind. Trans. Museum</td>
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<td>Whitewater Valley RR</td>
<td>Tuesday</td>
<td>10:00A – 6:30P</td>
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<td>P508</td>
<td>Nucor Steel Sheet Mill</td>
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<td>8:15A – 1:15</td>
<td>$34</td>
<td>Sold Out</td>
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<tr>
<td>P302</td>
<td>Monon Connection Mus.</td>
<td>Tuesday</td>
<td>8:30A – 4:15P</td>
<td>$75</td>
<td>Canceled</td>
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<td>Item #</td>
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<td>L220</td>
<td>Allisonville Road</td>
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<tr>
<td>L221</td>
<td>Speedway</td>
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<td></td>
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<td>L322</td>
<td>Cincinnati Super Tour</td>
<td></td>
<td>$65</td>
<td></td>
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<tr>
<td>L323</td>
<td>Westside 1</td>
<td></td>
<td>$33</td>
<td></td>
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<tr>
<td>L324</td>
<td>Anderson/Pendleton 1</td>
<td></td>
<td>$34</td>
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<tr>
<td>L325</td>
<td>Lebanon</td>
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<tr>
<td>L326</td>
<td>Westside 2</td>
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<tr>
<td>L427</td>
<td>Fishers/Muncie</td>
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<tr>
<td>L428</td>
<td>1/8 Scale</td>
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<tr>
<td>L429</td>
<td>Bloomington 1</td>
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<tr>
<td>L430</td>
<td>Anderson/Pendleton 2</td>
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<td>$34</td>
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<tr>
<td>L431</td>
<td>Columbus</td>
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<td>L432</td>
<td>Northeast</td>
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<tr>
<td>L533</td>
<td>Bloomington 2</td>
<td></td>
<td>$53</td>
<td></td>
<td></td>
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<tr>
<td>L534</td>
<td>Castleton</td>
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<tr>
<td>L535</td>
<td>Southeast</td>
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Total Layout Tour Charges
# 2016 NMRA National Convention

## Self-Guided Layout Tour Order Form

**PLEASE TYPE OR PRINT!**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Title</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
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<tbody>
<tr>
<td>S260</td>
<td>Monday, July 4</td>
<td>Indy SE</td>
<td></td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td>S360</td>
<td>Tuesday, July 5</td>
<td>Mooresville</td>
<td></td>
<td>$5</td>
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</tr>
<tr>
<td>S460</td>
<td>Wednesday, July 6</td>
<td>Greenwood 1</td>
<td></td>
<td>$5</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Kokomo</td>
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<tr>
<td></td>
<td></td>
<td>Indy West</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Bloomington 3</td>
<td></td>
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<tr>
<td>S560</td>
<td>Thursday, July 7</td>
<td>Lafayette</td>
<td></td>
<td>$5</td>
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<tr>
<td></td>
<td></td>
<td>Anderson</td>
<td></td>
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</tr>
<tr>
<td>S660</td>
<td>Friday, July 8</td>
<td>Greenwood 2</td>
<td></td>
<td>$5</td>
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**Total Self-Guided Layout Tour Charges**
![Image](image_url)

### General Interest Tour Order Form

**Name**
(please print)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Date/Time</th>
<th>Price</th>
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<tbody>
<tr>
<td>G341</td>
<td>Speedway Museum</td>
<td>Tuesday 8:30A – 12:00P</td>
<td>$75</td>
</tr>
<tr>
<td>G444</td>
<td>Speedway Museum</td>
<td>Wednesday 8:30A – 12:00P</td>
<td>$75</td>
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<tr>
<td>G548</td>
<td>Speedway Museum</td>
<td>Thursday 8:30A – 12:00P</td>
<td>$75</td>
</tr>
<tr>
<td>G342</td>
<td>Children’s Museum</td>
<td>Tuesday 9:45A – 1:00P</td>
<td>$80</td>
</tr>
<tr>
<td>G549</td>
<td>Children’s Museum</td>
<td>Thursday 9:45A – 1:00P</td>
<td>$80</td>
</tr>
<tr>
<td>G240</td>
<td>Indianapolis Zoo</td>
<td>Monday 11:00A – 3:00P</td>
<td>$80</td>
</tr>
<tr>
<td>G343</td>
<td>Museum of Art</td>
<td>Tuesday 1:00P – 5:00P</td>
<td>$75</td>
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<tr>
<td>G446</td>
<td>Museum of Art</td>
<td>Wednesday 1:00P – 5:00P</td>
<td>$75</td>
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<tr>
<td>G445</td>
<td>Mass Ave</td>
<td>Wednesday 10:00A – 2:00P</td>
<td>$75</td>
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<td>G547</td>
<td>Col. Architectural Tour</td>
<td>Thursday 8:00A – 5:00P</td>
<td>$115</td>
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<td>G650</td>
<td>Conner Prairie Tour</td>
<td>Friday 1:00P – 5:00P</td>
<td>$80</td>
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### General Interest Tour Charges
<table>
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<th>Subtotal</th>
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<tbody>
<tr>
<td>EF-1</td>
<td>Boxcar Finishing Super Clinic</td>
<td>Wednesday 7:00P - 10:00P</td>
<td>$8</td>
<td>Sold Out</td>
</tr>
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</table>

**Extra Fare Clinics**

**Introduction To Building Your Own Turnouts (1)**

| M1-a | HO scale | Sunday 5pm to 11pm | $48 |
| M1-b | HOn3 scale | Sunday 5pm to 11pm | $48 |
| M1-c | N scale | Sunday 5pm to 11pm | $48 |
| M1-d | S scale | Sunday 5pm to 11pm | $55 |
| M1-e | Sn3 scale | Sunday 5pm to 11pm | $55 |
| M1-f | On30 scale | Sunday 5pm to 11pm | $55 |

**Introduction To Building Your Own Turnouts (2)**

| M2-a | HO scale | Monday 7:30am to 11:30am | $48 |
| M2-b | HOn3 scale | Monday 7:30am to 11:30am | $48 |
| M2-c | N scale | Monday 7:30am to 11:30am | $48 |
| M2-d | S scale | Monday 7:30am to 11:30am | $55 |
| M2-e | Sn3 scale | Monday 7:30am to 11:30am | $55 |
| M2-f | On30 scale | Monday 7:30am to 11:30am | $55 |

**“Scenery by the Square Foot” – A Two Part Clinic (part A) (3a)**

| M3A-a | N Scale | Monday 12:45pm to 5pm | $48 | Sold Out |
| M3A-b | HO Scale | Monday 12:45pm to 5pm | $48 | Sold Out |
| M3A-c | S Scale | Monday 12:45pm to 5pm | $48 | Sold Out |
| M3A-d | O Scale | Monday 12:45pm to 5pm | $48 | Sold Out |
**2016 NMRA National Convention**

**Extra Fare Clinics Order Form – Page 2**

PLEASE TYPE OR PRINT!

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<th>Subtotal</th>
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<tr>
<td><strong>Modeling With the Masters (Page 2)</strong></td>
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</tr>
<tr>
<td>M4A</td>
<td>Introduction to Plastic Structures &amp; Painting With Acrylics and Pan Pastels – A Two Part Clinic (part A) (4)</td>
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<tr>
<td>M4B</td>
<td>Introduction to Plastic Structures &amp; Painting With Acrylics and Pan Pastels – A Two Part Clinic (part B) (4b)</td>
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<tr>
<td><strong>The following is the second section of the above clinic – please note the different days and times</strong></td>
<td></td>
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<tr>
<td>M4A-2</td>
<td>Introduction to Plastic Structures &amp; Painting With Acrylics and Pan Pastels – A Two Part Clinic (part A) (4)</td>
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<tr>
<td>M4B-2</td>
<td>Introduction to Plastic Structures &amp; Painting With Acrylics and Pan Pastels – A Two Part Clinic (part B) (4b)</td>
<td></td>
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<tr>
<td>M5-a</td>
<td>Weathering Rolling stock with oil-water base artist paints and other products (5)</td>
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</tr>
<tr>
<td>M5-b</td>
<td>Building Structures with Card Stock &amp; Paper (7)</td>
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<tr>
<td>M7-a</td>
<td>“Scenery by the Square Foot” – A Two Part Clinic (part B) (3a)</td>
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2016 NMRA National Convention
Banquet Order Form

PLEASE TYPE OR PRINT!

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<tbody>
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<td>NAME</td>
<td></td>
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<td>(primary registrant)</td>
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<tr>
<td>Address</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>City, State/Province</td>
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<tr>
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<th>Subtotal</th>
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<tr>
<td>NMRA Awards Banquet</td>
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<tr>
<td>B-B</td>
<td>Entrée = Beef</td>
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<td>$69</td>
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</tr>
<tr>
<td>B-C</td>
<td>Entrée = Chicken</td>
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<td>$69</td>
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| LDSIG Dinner                  |      |       |         |
| LD    | Multiple-choice Buffet    |      | $59   |          |

| Ladies Luncheon                |      |       |         |
| LL    | Multiple-choice Buffet    |      | $42   |          |

Total Banquet Charges
Payment Of Fees

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<th>Description</th>
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<td>Total Convention Car Charges</td>
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<td>Total Prototype Tour Charges</td>
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<td>Total Layout Tour Charges</td>
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<td>General Interest Tour Charges</td>
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<tr>
<td>Total Extra Fare Clinics Charges</td>
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<tr>
<td>Total Banquet Charges</td>
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</tbody>
</table>

Total Charges

Checks / money orders payable to: **NMRA 2016**

Mail to: **NMRA**
P.O. Box 1328
Soddy Daisy, TN 37384-1328

(Please do not staple checks to registration forms!)

Paying Via Credit Card, Complete Details Below Then Mail To NMRA:

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<tr>
<th>Card Type</th>
<th>Security Code</th>
<th>Exp. Date</th>
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<tr>
<td>___ AMEX</td>
<td>___ Discover</td>
<td>___ Mastercard  ___ VISA</td>
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<table>
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<th>Card #</th>
<th>Full Name As It Appears On Card</th>
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</thead>
<tbody>
<tr>
<td>Card #:</td>
<td>Full Name As It Appears On Card</td>
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Title First Last (please print)