

**14 NEW
PRODUCTS**

RESTORE A LEGENDARY LIONEL LOCO p.54

CLASSIC TOY TRAINS®

O AND S GAUGE FOR THE OPERATOR AND COLLECTOR | February 2018



**LIONEL'S BEST
FROM 1948** p.46

**BUILT FOR
FUN!**

**STORY-TELLING SCENES
ON A GREAT LAYOUT** p.34

**EXCLUSIVE
GUIDE TO
FLYER'S
NEW HAVEN
ENGINES** p.28

**MEMORIES OF
MADISON
HARDWARE** p.24

Plus →

**NEW COLUMN!
THE BEST IN
TOY TRAIN VIDEO** p.6



ClassicToyTrains.com

**BONUS
ONLINE
CONTENT CODE**

— PAGE 3 —

Handcrafted Original Designs By **MENARDS**



World Headquarters

(279-3972) ... \$119.99

Includes 14 figures
(7 inside and 7 outside) and
Jack the German Shepherd!

Back-lit World Headquarters sign
with 24 interchangeable decals!
Or, make your own custom sign!

Fully decorated interior with Starbucks
coffee shop, tables chairs and even a barista!

NEW!

Plug & Play
Cars and Trucks
with Working Lights!



York Hotel Royale
SKU# 279-3973 \$119.99



Sally's Restoration Shop
SKU# 279-4032 \$99.99



Pepsi® Bottling Plant
SKU# 279-3860 \$99.99
Also available in HO scale



Morton® Salt Factory
SKU# 279-3847 \$99.99
Also available in HO scale



Red Barn
SKU# 279-4430 \$89.99



Watkin's City Block
SKU# 279-3971 \$99.99
Also available in HO scale



Red Owl® Grocery Store
SKU# 279-3472 \$99.99
Also available in HO scale



Bus Maintenance Facility
SKU# 279-4033 \$99.99



24\"/>



24\"/>



Ranch House on Cedar Ave
SKU# 279-3970 \$69.99



Fire Station No. 12
SKU# 279-3848 \$99.99
Also available in HO scale



Lighted Billboard
SKU# 279-3693 \$19.99



0 Gauge Tubular
TRACK!
Strong!
Quiet!
Inexpensive!

FOR MORE INFORMATION OR TO ORDER, VISIT MENARDS.COM/TRAINS.

**WEBSITE
ACCESS CODE:**

CTT1802

Enter this
code at: [www.
ClassicToyTrains.
com/code](http://www.ClassicToyTrains.com/code)
to gain access to
Web-exclusive
content



34

LINEUP

FEBRUARY 2018 • VOL. 31 NO. 2

[COVER STORY]

- 34 Designed for fun!**
Story-telling scenes have the inside track on this O gauge layout.
BY BOB & PAT CANFIELD
COVER PHOTO BY BOB AND PAT CANFIELD

- 24 LEGENDARY HOBBY SHOP**
His goal? Madison Hardware!
Marv Raguse fulfilled a hobby goal when he visited the Manhattan hobby store in the 1970s.
BY ROGER CARP

- 28 American Flyer's New Haven**
Railroad love affair
A number of impressive S gauge locomotives wore the road name and distinctive colors of the A.C. Gilbert Co.'s hometown railroad.
BY MARK SUEK

- 32 LAYOUT HOW-TO**
Accidental scenery
A "senior moment" made all the difference in building a mountain lake.
BY BOB MCLOUGHLIN & CANDY SCHROCK

- 40 Relive Frisco Memories**
A great regional railroad inspired Roger Wasson's O gauge layout.
BY ROGER CARP

- BUILDING EXCITEMENT**
46 Guide to Lionel sets for 1948
A careful examination of the products fielded by Lionel reveals a determination to meet the demands of the market across every price range.
BY JOE ALGOZZINI & ROGER CARP

- WEEKEND WORKSHOP**
54 Locomotive restoration done right – on the second try!
Although it took two tries to get it right, a 100-year-old Lionel no. 156 Standard gauge engine is reborn.
BY ROBERT RELLO



IN EVERY ISSUE

- 4 Editor's Desk**
An old friend returns
- 6 Video Plus**
- 8 Photo Album**
- 14 News**
Menards upgrades its red barn, new F59s from Williams by Bachmann, and a structure kit salutes model railroading legend Frank Ellison.
- 18 Questions & Answers**
- 20 Collectible Classics**
Lionel's no. 9126 auto carrier
- 22 Views From The Underground**
- 56 Reviews**
O gauge Union Pacific 49er from MTH and illuminated vehicles in O from Menards.
- 65 Ad Index**
- 66 Tips, Tools, & Techniques**

An old friend returns

INTRODUCING A NEW COLUMN FROM FORMER CTT STAFFER KENT JOHNSON

There is something new this month in the pages of *Classic Toy Trains* – the debut of a recurring column called, “Video Plus.” It is your guide to the rapidly expanding library of O and S gauge videos from our friends down the hall at Model Railroader Video Plus (MRVP).

Although the video side of the electric train hobby carries the name of the world’s largest scale model railroad magazine, MRVP has plenty of content for those of us in the toy train hobby. But don’t take my word for it – just turn to page 6 and read all about it in our new column written by MRVP’s Kent Johnson.

Kent’s name will be familiar to long-time readers. He served as senior editor of CTT for many years, and his O gauge Canadian Pacific layout has been featured on our cover three times (November 2009, and March and September 2013). Kent also built three project railroads for the magazine (the Cascade & Timber Trail Ry., the Readers’ Choice RR, and his own take on Lionel’s no. D-146 display layout). In addition, Kent and his father, Carl



Kent Johnson

Johnson, coauthored the popular column “Talkin’ Toy Trains,” which ran from September 2001 through May 2003.

Kent didn’t leave his love for toy trains behind when he moved a few offices down the hall to join the team at MRVP. So it’s no surprise to find hours of O and S gauge content at www.MRVideoPlus.com, including the *Bob’s Train Box* video series, starring our own Bob Keller, and great toy train layouts featured in the long-running PBS series *Tracks Ahead*. There is much

else from inside looks at the real world of modern railroading to extensive how-to videos on all aspects of layout construction.

Kent’s new column will guide you to the best of MRVP’s growing range of videos. Many of the videos are available for sampling, and the entire library – well over 1,000 videos – can be unlocked for \$27 a year for current CTT subscribers and \$44 annually for non-subscribers.

That’s a lot of railroad viewing for about the price of an O gauge boxcar!

I am sure the mention of the “Talkin’ Toy Trains” column stirred happy memories for many readers. I am delighted to say Kent and Carl

Johnson bring us up to date in a new feature article in the pages of *All-Star Electric Trains*, our latest special publication. Catch up on their adventures by visiting www.KalmbachHobbyStore.com or your hobby retailer to pick up a copy today.

A handwritten signature in black ink, reading 'Carl Swanson'.

YOUR EDITORIAL STAFF



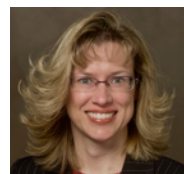
Editor
Carl Swanson
cswanson
@ClassicToyTrains.com



Senior Editor
Roger Carp
rcarp
@ClassicToyTrains.com



Associate Editor
Bob Keller
bkeller
@ClassicToyTrains.com



Editorial Assistant
Rene Schweitzer
rschweitzer
@Kalmbach.com

DO YOU HAVE A STORY?

Readers just like you provide stories featured in *Classic Toy Trains*. To submit an article and photos, send your work to *Classic Toy Trains* magazine, 21027 Crossroads Circle, P.O. Box 1612, Waukesha, WI 53187. Write the words “Manuscript Enclosed” on the envelope and include a suitable stamped, self-addressed envelope for the return of your material if we cannot use it. Articles are paid for on acceptance.

We assume no responsibility for the safe return of unsolicited material. Email submissions can be sent to manuscripts@classictoytrains.com.

Before preparing an article, contact us to determine whether we’re interested. Guidelines for writing articles and taking photographs are available from our website.

If you are a manufacturer or supplier and would like to see your products in our News or Reviews columns, please email editor@classictoytrains.com, or call 262-796-8776 for information. *Classic Toy Trains* assumes that letters, new product information, and other unsolicited materials are contributed gratis.

CLASSIC TOY TRAINS

OUR MISSION

Classic Toy Trains is the indispensable source for toy train hobbyists. Our mission is to enhance our readers' enjoyment of the toy train hobby by publishing useful information and engaging insights about layouts, how-to projects, and hobby news and heritage.

NEED HELP?

For questions about new subscriptions, existing subscriptions, and magazine delivery, or to make an address change or purchase products, contact:

CUSTOMER SALES & SERVICE

Phone: 877-243-4903

Outside the US and Canada: 813-910-3616

Customer Service: ClassicToyTrains@customersvc.com

Digital: ClassicToyTrains.Digital@customersvc.com

Back issues: ClassicToyTrains.SingleCopy@customersvc.com

EDITORIAL & ADVERTISING

To contact our editorial staff, call us at 262-796-8776, fax us at 262-796-1142, or send an email to editor@ClassicToyTrains.com.

To contact our advertising department, call us at 888-558-1544, or send an email to adsales@ClassicToyTrains.com.

RETAIL QUESTIONS

Phone: 800-558-1544

Outside U.S. and Canada: 262-796-8776 Ext. 818

Fax: 262-798-6592

Email: tss@kalmbach.com

Web site: www.Retailers.Kalmbach.com

Outside the United States and Canada, call us at 262-796-8776.

Art Director	Elizabeth M. Weber
Photography Supervisor	William Zuback
Production Specialist	Sue Hollinger-Klahn
Art and Production Manager	Michael Soliday
Ad Sales Representative	Martha Stanczak
Ad Sales Representative	Mike Ferguson
Circulation Director	Liz Runyon
New Business Manager	Cathy Daniels
Retention Manager	Kathy Steele
Single Copy Specialist	Kim Redmond
CEO	Dan Hickey
Senior Vice President, Sales and Marketing	Daniel R. Lance
Vice President, Content	Stephen C. George
Vice President, Consumer Marketing	Nicole McGuire
General Manager	Brian J. Schmidt
Corporate Advertising Director	Ann E. Smith

SUBSCRIPTION RATES:

United States: 1 year (9 issues) \$39.95; 2 years (18 issues) \$74.95; 3 years (27 issues) \$106.95. Canadian: Add \$10.00 postage per year. All other international subscriptions: Add \$12.00 postage per year. Payable in U.S. funds, drawn on a U.S. bank (Canadian price includes GST) BN 12271 3209 RT.

© 2018 Kalmbach Publishing Co. Title registered as trademark. All rights reserved. Printed in U.S.A. Lionel and Gilbert catalog art reprinted with the permission of The Lionel Corporation.

K KALMBACH
PUBLISHING CO.







SPRING THAW TRAIN MEET

Allentown Fairgrounds Agricultural Hall
1925 West Chew Street St. Allentown, PA 18104

February 24 & 25, 2018

Saturday 9-4 ~ Sunday 9-3

Train Races ~ Test Track Switching and Operating Layouts

Adults \$8.00 ~ Children under 12 FREE! w/adult

ATMA Mailing Address ~ 317 N. 3rd St. Coopersburg, PA 18036 ~ (610)442-2859

www.allentowntrainmeet.com





Are You Building a Layout?

If so, we invite you to use *GarGraves*[®] Phantom Line Flexible track. Why? you ask. Well, quite simply, **it's the easiest flex track to use, costs a lot less to buy, and best of all it looks great!**

GarGraves[®]

TRACKAGE CORPORATION

8967 RIDGE ROAD, NORTH ROSE, N.Y. 14516-9793

PHONE 315-483-6577 FAX 315-483-2425

Website: www.GarGraves.com • E-Mail: GarGraves@Gargraves.com

The Serious Buyer

Travels anywhere to buy train collections!

Long time advertiser buying electric trains!
Specializing in larger train collections and estates.

I will travel **anywhere** for larger train collections.
In business for over **25 years**.
I offer professionalism, confidentiality, and fairness.

Easy to deal with, very honest!
Please contact me personally by phone, fax, letter, or e-mail.

Charles P. Siegel 321.799.4005

387 Imperial Blvd., Suite 2, Cape Canaveral, FL 32920 Fax 321.799.4044
Email: trainman@traincity.com Web site: www.traincity.com
Charles Siegel is president and buyer for Train City, Inc.



Stay up to date with *Classic Toy Trains* **FREE e-mail newsletter!**

Our **FREE** biweekly e-mail newsletter delivers the latest hobby news right to your inbox!

Sign up now at ClassicToyTrains.com/newsletter. **It's FREE!**

Rest assured, your e-mail address is safe with us. We won't sell it, give it away, or otherwise violate your privacy.



Diecast Direct, Inc.
1-800-718-1866

\$8.95 Shipping Call for Free Color Catalog!
AD Code: CT2018 WWW.DIECASTDIRECT.COM/CTT



Smeal 125' Rear Mount Fire Ladder Truck
"Charlotte, North Carolina"
#IX-TRF001 - (1:43) - \$69.95 - **New!**



"California Highway Patrol" (1:43) - \$16.95 ea.
#GL86086 - 2008 Ford Crown Victoria - **New!**
#GL86087 - 2008 Dodge Charger - **New!**



1952 Peterbilt 350 Tractor (Red/White)
#IX-TR007 - (1:43) - \$39.95 - **New!**



1958 Ford Fairlane (Torch Red/White)
#GV-GC001A - (1:43) - \$98.95 - **Coming!**
1958 Ford Fairlane (Azurro Blue/White)
#GV-GC001B - (1:43) - \$98.95 - **Coming!**



1956 Mercury Montclair (Persimmon/White)
#GV-GC002A - (1:43) - \$98.95 - **Coming!**
1956 Mercury Montclair (Yellow/Black)
#GV-GC002B - (1:43) - \$98.95 - **Coming!**



1961 Ford Country Squire (Green Metallic)
#GV-GC003A - (1:43) - \$98.95 - **Coming!**
1961 Ford Country Squire (Blue Metallic)
#GV-GC003B - (1:43) - \$98.95 - **Coming!**



1951 Ford F-1 Pickup Truck (Weathered)
#GL86514 - (1:43) - \$16.95 - **New!**

VIDEO PLUS

WITH KENT JOHNSON

VP perks for CTT readers

LINK. LOOK. LEARN MORE FROM VIDEO!

I've read that on average, a person changes jobs 12 times during his or her career. But when my most recent job change required me to swap my CAB-1 controller for an HD video camera, I never imagined parting from the endearing collective of CTT readers would leave such a void.

So when Editor Carl Swanson proposed a new CTT column, one that would allow me to reconnect to the devoted readers I've missed since becoming a producer for MRVideoPlus.com (MRVP), I immediately jumped at the opportunity! Just as quickly, I began tallying all the helpful, inspiring, fun, and even funny video efforts that have kept me engrossed with the video-streaming website since its launch in 2013. And yes, scores of the site's 1000+ instructional videos are very much relevant to the topics covered in the pages of *Classic Toy Trains* magazine!

For example, if you liked CTT's "Talkin' Toy Trains with Kent & Carl", MRVP's **Roundhouse** series presents similar casual conversations with hobby notables.

Is it CTT's "Tips, Tools, & Techniques" you relish? Watch episodes of **Off The Rails** on MRVP, and you'll discover ways to make your modeling easier.



If you're looking for a familiar face, then you'll be pleased to see episodes of **Bob's Train Box** also appear on MRVP.

For me, it's all about the layouts! No surprise, many of the O and S gauge railroads showcased in **Tracks Ahead on MRVP** and in exclusive **MRVP Layout Tours** have been featured in CTT.

All it takes to enjoy this treasure trove of game-changing hobby videos is an Internet-enabled TV, computer, tablet, or smartphone; a subscription to MRVP;

and a few minutes of your time.

Want to see for yourself? I've compiled a **FREE VIDEO** playlist you can use to sample the service. It's available at MRVideoPlus.com/CTTPlaylist. **CTT**



FREE VIDEO

MRVideoPlus.com/BTB61

SUBSCRIBE TODAY!

Not just for small-scale modelers! Embrace the toy train content. With your subscription to MRVP, you'll have access to exclusive HD videos covering a wide range of toy train-related topics. Even better, you'll enjoy:

- Authoritative modeling advice from notable contributors
- Behind-the-scenes access to layout construction projects
- Layout visits, interactive track plans, and trackside adventures
- And much more!

Sign up at MRVideoPlus.com/27deal



INFO / ORDERS : (570) 451-1700 or 451-1726

MAIL / SHIP TO: 200 Glenmaura National Blvd. • Moosic, PA 18507

FAX (570) 451-1727

Website: www.grzybowski.com

Prices Subject to Change & Valid for Mail Order only



State Rt 502 & Glenmaura National Blvd.

Take Rt. 11 South to Rt. 502

3 minutes off I-81 - Exit 180

We accept MasterCard, Visa, & Discover • Shipping Charges are actual cost charged by the shipping carriers (UPS or USPS). Charge is based on order total, weight, destination, and multiple box shipment (if required). Call for cost. Minimum order \$40 • PA Residents add 6% Sales Tax including freight charge. Shipping Charges are Non-Refundable • 10-Day Return Policy-Exchange Only • -No Refunds • 15% Restocking Fee Applies - Items are new unless noted • Not Responsible for typographical errors • Store Hours 11-5pm (M-F) 11-11 (Sat)

LIONEL 2017 XMAS ITEMS

83689	Angela Trotta Thomas Covered Bridge	49.95
83790	Mickey Mouse Happy Holidays Boxcar	60.95
83791	Donald Duck Happy Holidays Boxcar	60.95
83792	Goofy Happy Holidays Boxcar	60.95
83923	Angela Trotta Thomas 2017 Xmas Boxcar	60.95
83925	Frosty the Snowman Boxcar	60.95
83952	Minnie Mouse Happy Holidays Boxcar	60.95
84340	Santa & Snowman Operating Boxcar	64.95
84341	Tell-Tale Reindeer Car	56.95
84374	2017 Christmas Music Boxcar	56.95
84375	2017 Christmas Boxcar	46.95
84376	Angela Trotta Thomas Aquarium Car	60.95
84377	Christmas Peppermint Tank Car	42.95
84378	Santa's Choice Milk Car & Platform	139.95
84487	Donald Duck Holiday Tank Car	49.95

LIONEL POLAR EXPRESS

25576	PE Heavyweight 18" Observation Car	179.95
25796	PE Heavyweight 18" Gold Observation	119.95
29925	PE Toy Fair Boxcar -2005	99.95
35290	PE Streamliner Bag/Diner Pass. Car 2pk	69.95
36875	PE Announcement Passenger Car	94.95
82100	PE Hero Bo's Home (P-N-P)	64.95
82498	PE Letter to Santa Mail Baggage Car	49.95
82510	PE Aquarium Car	60.95
83231	PE Metal Girder Bridge	30.95
83249	PE Combine Passenger Car	49.95
83437	PE Announcement Coach for LionChief	78.95
83943	PE Boxcar (Made in USA)	60.95
84328	Polar Express Pass. Set w/Bluetooth	299.95
84370	PE Silver Load Hopper	49.95
84489	PE Covered Bridge	49.95

FOR PLACING ORDERS CALL 1-800-8LIONEL

LIONEL ITEMS - ON SALE!!!!

15069	Coca-Cola Woodside Reefer	29.95
15098	Lone Ranger Boxcar	24.95
17775	DC Coal Hopper 3pk (NYC/Sav/Virginia)	129.95
17779	DC Coal Hopper 3pk (Lacka/CNJ/Ere)	129.95
17783	DC Coal Hopper 3pk (Rdg/Wabash/IT)	129.95
25727	California Zephyr-WP 18" 2/Car Pass	139.95
25731	California Zephyr-CB&Q 18" 2/Car Pass	139.95
26496	Lionel Aquarium Co. Fish Food Vat Car	25.00
26660	Coca-Cola Vat Car	31.95
27676	Canadian Nat. Smoking WS Caboose	49.95
27917	B&O Baggage Mail Budd Car Non-Pwd	39.95
27949	PRR Christmas #3854 Merchandise b/c	35.00
28883	Diesel (Thomas the Tank) Conv. Engine	59.95
29671	Smoke Pellet Car #2	20.00
29791	Wizard of Oz 75th Anniversary Boxcar	24.95
29880	Elvis Presley 35th Anniversary Boxcar	39.95
29996	U.S. Marines -or 29997 Air Force b/c	39.95
34705	Pennsylvania Sharknose NonPwD 'B'	89.95
37195	100th Ann. Grand Central Terminal	149.95
37816	Rockville Fastrack Bridge	275.00
37821	Command (only) Smoke Fluid Loader	169.95
37933	MG Switch Tower	149.95
37966	Lionel Cylindrical Oil Storage Tank	59.95
37977	Hooker Tanker Accident Scene	64.95
38219	Texas Special MKT FT B-unit Non-Pwd	49.95
38258	#2239 Illinois Central F3 Frt Set	339.95
38366	Wabash F-3 'AB'	224.95
38562	D&H Sharknose Non-Pwd 'B'	75.00
38567	B&O Sharknose Non-Powered B-unit	89.95
38572	NYC Sharknose Non-Powered B-unit	89.95
38573	SP Daylight LEGACY Sharknose 'AA'	350.00
38577	Southern Pacific Sharknose NonPwD 'B'	89.95
38761	Jersey Central SCALE F-3 Non-Pwd 'B'	99.95
38763	C&N SCALE F-7 Non-Powered B-unit	99.95
38855	Great Northern LEGACY Diesel #2519	299.95
39344	Monopoly Boxcar #5 Set 3-pack	74.95
39547	Pennsylvania F-3 Non-Powered B-unit	129.95
39548	Pennsylvania F-3 Powered B-unit	244.95
49876	AF S-Gauge Water Tower w/Shed	44.95
81023	Central of NJ 0-4-0 Yard Boss Set	309.95
81439	Pumpkin Head Motorized Handcar	39.95
16144	#68/69 Chessie Baby Madison 7-Car Set	269.95
16149	177/774 S.P. Baby Madison 7-Car Set	269.95
81705	Milwaukee Road 86' Hi-Cube Boxcar 2pk	84.95
81706	Frisco 86' Hi-Cube Boxcar 2-pk	84.95
81707	New York Central 86' Hi-Cube b/c 2pk	84.95
81739	78/78 Santa Fe Baby Madison 7-Car Set	269.95
81749	63/64 Pullman Baby Madison 7-Car Set	269.95
18887	DT&L LEGACY Boom Car w/Sounds	124.95
19169	PRR 18" Aluminum SD Parlor/Coach	159.95
19175	SP 18" Aluminum SD Sleeper/Coach	159.95
82489	Milw. 18" Alum. Olympian Hiawatha 2pk	159.95
82009	Plug-n-Play Suburban House	35.95
82015	Plug-n-Play Wind Turbine	42.95
82652	Global Ethanol 30K Tank Car 3-pack	129.95
82947	Wonder Woman & Green Arrow b/c 2pk	99.95
82950	AquaMan & Martian Manhunter b/c 2pk	99.95
82953	Joker & Lex Luthor Boxcar 2pk	99.95
83497	2015 National Train Day Boxcar #1	54.95
83634	Keystone Smoke Fluid Loader	199.95
83635	Northern American Smoke Fluid Loader	199.95
83758	MLB NY-Yankees Jersey Boxcar	44.95

LIONEL PREMIUM BOXED SETS

11909	N&W J & Hoppers Weathered Set	695.00
21759	Canadian Pacific F3 Passenger Set	895.00
21787	Blue Comet Scale 4-6-2 Passenger Set	1195.00
21789	Norfolk Southern GP-9 Piggyback Set	395.00
31705	50th Ann. Hudson Pass. Set (LN)	1095.00
31711	PWC Wabash F-3 AB Freight Set	595.00
31714	Amtrak Acela TMCC Passenger Set	1895.00
31736	C.P.Rail 'Grain Train' Set	895.00
31753	PWC Great Northern EP-5 Frt. Set	450.00
38328	PWC N P GP-9 Freight Set	499.95
51007	Union Pacific M-10000 Passenger Set	695.00
82528	NYC Empire Hudson & 21" Pass Set	1599.95
83092	Steel City Switcher Boxed Frt. Set	1074.95

LIONEL 2017 ITEMS

81018	Shell Vat Car	56.95
82447	Sheriff & Outlaw Car	56.95
82717	Disney Villains Hi-Cube 2-pack	114.95
82726	Postwar FA Green Alco Passenger Set	459.95
82917	Disney Station Platform	38.95
82921	Disney Villains Hi-Cube Boxcar-Evil Queen	56.95
82922	Disney Villains Hi-Cube Boxcar-Scar	56.95
82925	Scrooge McDuck Mint Car	56.95
83244	Shell Elevated Oil Tank	71.95
83252	Gold Medal Milk Car with Platform	128.95
83435	World War II Pylon	114.95
83605	Presidents LC+ Mikado w/Bluetooth	359.95
83633	Alaska Gold Mint Car	49.95
83752	Western & Atlantic Horse Car & Coral	128.95
83745	Lionelville Hospital	56.95
83784	Heavies & Little Friends Boxcar	60.95
83786	D-Day Boxcar	60.95
83802	Disney Happy Halloween Boxcar	60.95
83944	John Deere Boxcar	60.95
84252	Nickel Plate LionChief Plus Berkshire	377.95
84253	Pere Marquette LionChief Plus Berkshire	377.95
84255	Lionel Lines LionChief Plus Berkshire	377.95
84296	S.P. Salad Bowl Express Set	809.95
84309	Pennsylvania Blinking Water Tower	31.95
84312	Alaska Gondola	38.95
84330	Witches Brew Tank Car	49.95
84332	Halloween Spooky Sounds Boxcar	56.95
84333	Strasburg Gondola with Vats	46.95
84334	Strasburg 1/2 Covered Bridge	42.95
84335	Pennsylvania Culvert Gondola	46.95
84338	CSX Woodchip Hopper	46.95

LIONEL BOXED SETS

1070	Chessie Royal Ltd. Diesel Frt. (sealed)	295.00
1071	Mid Atlantic Seaboard SD-9 Frt. (sealed)	250.00
1158	C.P. Maple Leaf Set (sealed)	295.00
1160	Burlington 'Great Lakes' Frt. Set	295.00
1260	N&W 'Continental Limited' Diesel Frt.	295.00
1361	Gold Coast Ltd. SD-40 Frt. Set (sealed)	395.00
1502	NYC 'Yardstick' B&Q 18" 2/Car Pass	139.95
1552	Burlington North. SD40 Boxcar Set-sealed	395.00
1652	B&O GP-7 Freight Set	195.00
1867	Milwaukee Road Frt. Set 9 (sealed)	295.00
1970	Southern Pacific Frt. Set (sealed)	295.00
1971	Reading 'Quaker City' Set (sealed)	295.00
11700	Conrail SD-40 Freight Set (sealed)	325.00
11704	Southern GP-9 Freight Set	195.00
11705	Chessie SD40 ACF Hopper Set	350.00
11706	Virginian Truckee 'Dry Gulch' General Set	295.00
11712	Great Lakes Steam Passenger Set	295.00
11713	Santa Fe Dash-8 Frt. Set (sealed)	395.00
11719	Delaware & Hudson RS-3 Freight Set	245.00
11733	Western Pacific 'Feather River' Frt.	295.00
11738	So Line GP-38 Freight Set	275.00
11744	NYC RS-3 Diesel Frt./Pass. Set	245.00
11749	Western Maryland GP-20 Hopper Set	245.00
11912	Lionel Steel Ore Car Set	250.00
51502	Lionel Steel Ore Car (addon to #11912)	59.95
11934	Virginian TMCC Rectifier Hopper Set	295.00
21900	Civil War Union General Set	395.00
21951	World War II Troop Train Set	495.00
30084	Shakespeare 'Kinetel Hall' Pass Set-sealed	399.95
31706	Union Pacific Burro Crane Set	175.00
52300	LCCA Halloween General Set	495.00

LIONEL SETS w/0-27 TRACK

1072	Cross Country TPW Frt. Set (sealed)	295.00
1354	C&N Flyer Diesel Frt. Set (sealed)	245.00
1387	Milwaukee Road Steam Pass. Set	265.00
1463	Coca-Cola NW-2 Frt. (partially sealed)	195.00
1463	Coca-Cola NW-2 Frt. (sealed)	225.00
1664	Illinois Central U36B Frt.	375.00
11702	Lehigh Valley 'Black Diamond' GP-9 Frt.	195.00
11727	CSX SD-18 Diesel Freight Set (sealed)	245.00
11722	Gir's Pink Train 'Steam Frt Set (1991)	595.00
11740	Conrail GP-7 Freight Set	250.00
11741	So Line 'Northwest Exp.' NW-2 Freight	195.00
11745	U.S. Navy NW-2 Frt. Set (sealed)	265.00
11770	SEARS Circus Steam Freight Set	195.00
11775	Budweiser Steam Freight Set	145.00
11785	Union Pacific 4-4-2 Steam Frt. (sealed)	195.00
11820	Redwing Shoes Steam Freight Set	150.00
11900	Santa Fe 4-4-2 Steam Frt. Set (sealed)	175.00
11905	U.S. Coast Guard NW-2 Frt. Set	245.00
31926	Area 51 Alien Alco Diesel Frt. Set (sealed)	299.95
7-99001	Mickey Mouse Holiday Express Set	245.00

STEAM LOCOMOTIVES w/LEGACY

11116	U.P. Gray FEF Northern (sealed)	1149.95
11127	Southern Pacific Daylight (sealed)	1099.95
11267	Pilot S-3 4-8-4 Northern (1 of 50)	1550.00
81188	New York Central FEF #844 Greyhound	919.95
82807	Union Pacific FEF #844 Greyhound	1275.00
82535	NYC Hudson #5426 w/P Tender	995.00
82536	NYC Hudson #5429 w/P Tender	995.00
82537	NYC Hudson #5426 w/J3 Tender	995.00
83207	NYC Hudson #5426 w/J3 Tender	995.00
84071	Bethlehem Steel 0-8-0	789.95
	DL&W 2-6-0 #665	579.95

LIONEL GG-1 (O-GAUGE)

8150	Pennsylvania Green 5-Stripe	350.00
8753	Pennsylvania Tuscan 5-Stripe	295.00
18300	Pennsylvania Bronze (LN-225)	275.00
18303	Amtrak (LN-1950) Set	250.00
18308	Pennsylvania Silver	250.00
18313	Pennsylvania Green Solid Stripe w/TMCC	250.00
18314	PA #2332 Green 5-Stripe w/Display Case	395.00

LIONEL STANDARD GAUGE

13101	AF Mayflower Electric Locomotive (C-10)	1095.00
13103	1/3408 Blue Comet 400E w/3 Pass Cars	1995.00
13113	Trolley & Trail Car Electric Rapid Transit	395.00
13425	Blue Comet Barnard Passenger Car	795.00
14163	#840 Industrial Power Station	525.00

cont.-LIONEL 2017 ITEMS

84366	Pennsylvania Woodchip Hopper	46.95
84383	Elevated Oil Tank	67.95
84480	John Deere Covered Bridge	49.95
84481	John Deere General Store	60.95
84482	John Deere Gondola w/Hay Balls	53.95
84483	John Deere Grain Vat Car	53.95
84485	Disney Covered Bridge	49.95
84498	Shil Gas Station	107.95
84498	Norfolk Southern Fire Rescue Car	53.95
84499	Mickley Industrial Water Tower	71.95
84500	Norfolk Southern Unibody Tank Car	53.95
84512	S2 Scale Tintplate Freight Set	899.95

LIONEL 21" PASSENGER CARS

83002	Penna. Broadway Ltd. StationSound Diner	214.95
83006	U.P. Excursion StationSounds Diner	214.95
83007	Penna. Broadway Ltd. 2-pack add-ons	214.95
83019	U.P. Excursion 2-pack add-ons	214.95
83022	Penna. Broadway Ltd. 4-Car Set	429.95
83042	Union Pacific Excursion 4-Car Set	429.95
83102	Southern Pacific Daylight 4-Car Set	429.95
83107	Southern Pacific Daylight 2-Car add-ons	214.95
83110	S.P. Daylight StationSound Diner	214.95
83111	American Freedom 4-Car Set	429.95
83116	American Freedom 2-Car Addons	214.95
83119	American Freedom StationSound Exhibit	214.95
83120	CSX Passenger 4-Car Set	214.95
83125	CSX Passenger 2-Car Addons	214.95
83128	CSX StationSounds Diner Car	214.95
83586	Penna. Broadway Ltd. 2-Pack #2	214.95
83589	American Freedom 2-Pack #2	214.95
83592	American Freedom 2-Pack #3	214.95

LIONEL SCALE-SIZE CARS

17891	Pennsylvania Die-Cast Coal Hopper 3pk.	199.95
17919	Virginian PS-1 Boxcar.	74.95
17336	Pacific Fruit Express Steel-Side Reefer.	59.95
17353	Needham Steel-Side Reefer Car.	39.95
17433	BNSF Bathub Gondola 3-pack	149.95
17470	C.P. Rail Bathub Gondola	59.95
17482	BNSF Bathub Gondola 3-pack	159.95
17721	NYC/MKT 40-Ton Stock Car 2pk.	99.95
17724	Canadian National Steel-Side Reefer.	56.95
17731	Pere Marquette Double-Sheathed Boxcar.	49.95
17734	Penna. X31A Round-Roof Boxcar	49.95
17740	Alaska Round-Roof Boxcar	49.95
17758	Santa Fe Slogan Steel-Side Reefer 3-pk.	269.95
17769	Rio Grande PS-1 Boxcar	SALE 39.95
17778	Savannah & Atlantic Die-Cast Coal Hopper	49.95
17790	New York Central Die-Cast Coal Hopper	49.95
17794	Interstate Die-Cast 4-Bay Coal Hopper	49.95
17976	Huber Uni-body Tankcar 3-pack	139.95
17983	GATX Tank Train Tanker 3-pack	299.95
19395	Grand Trunk 89' Auto Carrier 2-pack	179.95
21857	Western Dairy Milk Car 3-pack	129.95
21861	Pennsylvania PS-4 Piggyback Car 2pk.	149.95
21864	Ceresstar Uni-Body Tank Car 3pk	129.95
21872	Die-Cast Die-Cast Offset Coal Hopper 3pk.	149.95
21873	P&LE Die-Cast Offset Coal Hopper 3pk.	144.95
25972	Milwaukee Road Round-Roof b/c	SALE 34.95
27078	BNSF PS-2 2-Bay Hopper 2pk	SALE 89.95
27200	N1 Wabash -or Jersey Central PS-1 b/c	69.95
27229	Nickel Plate Road DD Boxcar w/End Doors	54.95
27259	Pennsylvania 40-Ton Stock Car	54.95
27263	Polar Railroad PS-1 Boxcar	49.95
27266	Pennsylvania Merchandise PS-1 Boxcar	49.95
27276	Nickel Plate Double-Sheathed Boxcar	49.95
27282	Union Pacific AAR Double-Door Boxcar	49.95
27283	6464 Scale PS-1 Boxcar 2pk. (GNWP)	99.95
27291	Pennsylvania Double-Sheathed Boxcar	49.95
27375	Northern Pacific 67' Mechanical Ref 3pk.	169.95
27412	GATX Tank Train Intermediate Tank Car	59.95
27422	N&W Red/White/Blue Die-Cast Hopper	89.95
27438	Virginian Heritage Die-Cast Coal Hopper	79.95
27440	Burlington Northern Cylindrical Hopper	56.95
27459	Norfolk Southern Die-Cast Coal Hopper	64.95
27459	Western Pacific Double-Door Boxcar	49.95
27474	Southern Pacific Cylindrical Hopper	54.95
27658	P.P.L. Work Caboose	SALE 49.95
27672	Weyerhaeuser Work Caboose	SALE 45.95
27705	Steel Pe Wedge Plow Flatcar	69.95
27828	Canadian National Bathub Gondola Car	54.95
27841	CSX Bathub Gondola 2pk	109.95
27849	Southern Heritage 60' Boxcar	69.95
27850	7/1 CSX -or Norfolk South 60' Boxcar	60.95
27882	Southern 40-Ton Stock Car	49.95
27894	C&O PS-5 Gondola w/cover	49.95
27895	Steel Pe PS-4 Bulkhead Flatcar w/load	69.95
29384	DLW Lackawanna Double-Sheated b/c	49.95
29404	Bethlehem Steel Hot Metal Car 3-pack	269.95
29477	Youngstown Hot Metal Car 3-pack	229.95
29774	GATX Tank Train Tanker 2pk	149.95
29786	Bethlehem Steel Die-Cast 4-Bay Hopper	56.95
29787	Bethlehem Steel Die-Cast 4-Bay Hopper	56.95
31726	CCII 5-Assort Offset Hoppers/PA Caboose	295.00
81081	Alaska Steel-Side Reefer	56.95
81688	C.B.&Q. GLA 50-Ton Hopper 3-pk.	157.95
82702	Ontario Northland 50' Flat w/Tarped Load	54.95
82703	B.N. PS-40' Flatcar w/Tarped Load	54.95
82706	Southern 50' Flatcar w/Tarped Load	54.95
82840	Steel Pe PS-4 Flatcar w/40' Trailer	78.95
82841	Erie-Lacka. PS-4 Flatcar w/40' Trailer	78.95
82844	Pennsylvania PS-4 Flatcar w/40' Trailer	78.95
82852	Meadow River 40' Lumber Flatcar	64.95
82863	C.B.&Q. PS-5 Gondola w/load	64.95
83350	Northwestern Pacific Sheathed Boxcar	60.95
83470	74 Black -or- Weathered Slag Car 3pk.	171.95
83478	Bethlehem Steel Hot Metal Car 2pk.	142.95
83481	U.S. Steel Hot Metal Car 2pk.	142.95
83519	REA Sensor Car Reefer	92.95
84434	Norfolk Southern OAR 30K Tanker 3pk.	179.95

PHOTO ALBUM

YOUR PICTURES

► BRIAN INCH'S O GAUGE LAYOUT

A short Maine Central freight train prepares to pick up a refrigerator car at a brewery early in the 1950s. Motive power from a different New England railroad occupies the lower line on the 4 x 16-foot O gauge display Brian Inch built with his son, Riley, in Hallowell, Maine. Their detailed tribute to Maine is one of the compact layouts featured in the March issue of *Classic Toy Trains*.

▼ STEVE NELSON'S O GAUGE RAILROAD

The October 2014 issue of *Classic Toy Trains* profiled Steve Nelson and his large, realistic O gauge railroad. Sadly, what readers saw in that magazine no longer exists. Steve loves to construct immense layouts, and his next one is approaching completion, ready to be featured in CTT. Between the two O gauge displays, this resident of Carmel, Ind., built a different one. Among the massive locomotives Steve and his wife, Liz, ran was this MTH Western Maryland 4-6-6-4 Challenger.





◀ **ROD AND BARBARA LEWIS' O GAUGE LAYOUT**

Amusement parks, chocolate, and electric trains – “These are a few of our favorite things.” Or so Rod and Barbara Lewis might be singing if they had been asked to describe the compact O gauge railroad the two have designed, built, and wired for their home in Torrington, Conn. Accessories more than landscapes have been their focus on the layout. The husband-and-wife team of modelers hopes to find additional carnival rides, too.



▲ JOSEPH ZARNOWSKI'S STANDARD AND O GAUGE LAYOUT

So much of what Joseph Zarnowski prizes in life highlight the photograph he recently shot of his Standard and O gauge layout. The scene captures his fascination with Lionel trains and accessories from the pre-World War II era and his respect for the reproductions sold by MTH. You also see how much Joe enjoys remembering the Central RR of New Jersey since he does reside in Manville, N.J. Only professional football as played by the Washington Redskins can take his mind off toy trains, which was why he fired up the trolley on the elevated line.



▲ FRANK MICKLIN'S S GAUGE LAYOUT

Folks in the town nestled at the foot of the towering mountains on Frank Micklin's S gauge can't wait for the first of three performances of the circus. Clowns, acrobats, and daredevils will captivate them. If Frank were able, he would suggest they tear themselves away from the billboard and admire the Gilbert American Flyer heavyweight passenger train barreling across the suspension bridge he fashioned by hand for his expansive model railroad in Worth, Ill.



◀ RICHARD PASCIUTO'S O GAUGE LAYOUT

Immediately after specifying that his R&J Lines covers only 64 square feet, O gauge modeler Richard Pasciuto lets you know, "I am not a hi-railer." Yet the layout he has finished in Haworth, N.J., boasts a more realistic look than he'll admit. Richard has smartly blended GarGraves track, MTH structures, and Lionel and Williams motive power and rolling stock with scale details and scenery materials from Scenic Express to create a three-rail display with its own identity.



▲ FRANK MORRIS' O GAUGE LAYOUT

The colorful O gauge trains, the mountain scenery, and the long runs of track – there is so much to like about the layout Frank Morris built with the encouragement and cooperation of his daughter and son-in-law, Debbie and Peter Evangel. Yet what makes this three-rail display truly stand out is learning that Frank launched the project well into his senior years. He had enjoyed the Lionel no. 2026 half a century ago, but didn't return to the hobby until 2006, not long after losing his beloved wife. As Pete reminds us, "You're never too old to start a hobby." Thanks to Frank, we have inspiring proof of that adage in the form of his 17 x 20-foot three-rail layout in San Jose, Calif.

NICHOLAS SMITH TRAINS

MODEL RAILROADING FOR ALL SEASONS®

VISIT OUR WEBSITE, or GIVE US A CALL

2343 West Chester Pike Broomall, PA 19008

Just 1 Minute off I-476 Exit 9

Feb. 2018 Classic Toy Trains Ad • 108 Years Selling Lionel

Prices Subject to Change Without Notice. Store Hours M,W,F 10-9 • T&TH 10-7 • Sat 10-5 • Sun 10-5 (Nov-Dec)

MIN. Order: \$30.00 -15% Restocking Fee on Returns

Product information (610) 353.8585

ORDERS ONLY: (800) 848.9119 • Fax (610) 359.9846

Most domestic orders will follow shipping schedule below*

\$0.00 - \$500.00 - \$13.00

\$500.01 - \$1100.00 - \$17.00

\$1100.01 - \$1500.00 - \$26.00

*Orders with Track, Power & Control Devices, Sets, Expansion Packs, Oversized Items, & **SALE ITEMS** will be charged Actual Shipping

No P.O. Box's, PA Residents Add 6% Sales Tax

Not responsible for typographical errors

Lionel Legacy Locomotives

LIO681190 WP Heavy Mikado	\$1099.99
LIO681191 Erie Heavy Mikado	\$1099.99
LIO681994 NKP Heavy Mikado	\$999.99
LIO681510 Erie FA-2 AA	\$509.99
LIO68211X 8/9 GM&O S2 Diesel	\$479.99
LIO68212X 8/9 C&O GP30	\$479.99
LIO682130 EMD GP30	\$479.99
LIO68213X 4/5 GM&O GP30	\$479.99
LIO682136 N&W GP30 Black	\$479.99
LIO682137 N&W GP30 Blue	\$479.99
LIO682138 Milwaukee Road GP30 #344	\$479.99
LIO682213 KCS Naked Bell ES44AC	\$569.99
LIO682214 KCS Southern Bell ES44AC	\$569.99
LIO68221# 8/9 FEC ES44AC	\$569.99
LIO682220 Southern Pacific Alco PA AA	\$864.99
LIO682223 Rio Grande Alco PA AA	\$864.99
LIO682235 PRR Alco PA AA	\$864.99
LIO682238 Southern Alco PA AA	\$864.99
LIO682245 B&O Lionmaster Class A	\$839.99
LIO682272 NH 4-6-0 #316	\$659.99
LIO68227X 4/5 B&O/Chessie SD40	\$556.99
LIO68227X 8/9 Grand Trunk SD40	\$556.99
LIO68228X 0/1 MOPAC SD40	\$556.99
LIO68228X 2/3 Conrail SD40	\$556.99
LIO682284 Conrail Savings Bonds SD40	\$556.99
LIO682453 Amtrak F40PH PV2	\$474.99
LIO682456 Amtrak F40PH PV3	\$474.99
LIO6824601 CSX F40PH #9999	\$474.99
LIO682528 NYC Empire State Expr Set #1669	\$1669.99
LIO682535 NYC J3a Hudson PT Tender #1289	\$1289.99
LIO682537 NYC J3a Hudson J3 Tender #1289	\$1289.99
LIO682695 UP L-master Challenger gry	\$869.99
LIO682697 D&RGW L-master Challenger #869	\$869.99
LIO682698 WM Lionmaster Challenger	\$869.99
LIO682752 PRR Vision GG1 #4877	\$1239.99
LIO682754 PC Vision GG1 #4828	\$1239.99
LIO682755 Amtrak Vision GG1 #926	\$1239.99
LIO68275X 7/8 CP SD90MAC	\$543.99
LIO6827XX 59/60 NS SD90MAC	\$543.99
LIO682761 UP SD90MAC #8130	\$543.99
LIO682768 C&O Allegheny #1604	\$1849.99
LIO682785 BN GP9 #1804	\$469.99
LIO68278X 6/7 Chessie GP9	\$469.99
LIO68278X 8/9 Rio Grande GP9	\$469.99
LIO68279X 6/7 Conrail SD38	\$554.99
LIO68279X 8/9 DM&IR SD38	\$554.99
LIO682810 UP FEF-3 #835	\$1424.99
LIO683165 PRR Vision GG1 #4899	\$1239.99
LIO683166 PRR Vision GG1 #4800	\$1239.99
LIO683167 Conrail Vision GG1 #4800	\$1239.99
LIO68319X 5-6 SP GS4	\$1434.99
LIO6831XX 98-01 Reading T1	\$1439.99
LIO683203 Chessie T-1 #2102	\$1295.00
LIO683370 Erie Lack Bicentennial SD45	\$549.99
LIO68337X 4/5 Penn Central SD45	\$549.99
LIO68339X 5/6 AC&Y H16-44	\$459.99
LIO68339X 7/8 Santa Fe H16-44	\$459.99
LIO684070 Central Vermont Mogul	\$609.99
LIO684074 Rutland Mogul	\$609.99
LIO68409X 8/9 CN (EMD Patch) SD70AC	\$549.99
LIO68410X 0/1 CSX SD70ACe	\$549.99
LIO68410X 2/3 EMDX SD70ACe	\$549.99
LIO68410X 6/7 UP SD70ACe	\$549.99
LIO68424X 8/9 SP AC-9	\$1719.99
LIO684250 SP AC-9 Daylight	\$1719.99
LIO68425X 6/7 Santa Fe SD40	\$584.99
LIO68425X 8/9 Union Pacific SD40	\$584.99
LIO68426X 0/1 CSX SD40	\$584.99
LIO68426X 2/3 PRR SD40	\$584.99
LIO68426X 4/5 Southern SD40	\$584.99
LIO68426X 8/9 Western Maryland SD40	\$584.99

MTH Engines

MTH2036581 PRR 4-6-0 G-55 w. PS3	\$889.99
MTH2036641 Reading 4-6-0 Camelback	\$899.99
MTH2037031 NYC 0-8-0 USRA #7718	\$709.99
MTH20205051 PRR ES44AC w. PS3	\$429.99
MTH20205071 GE Hybrid #2015 w. PS3	\$439.99
MTH20205841 NS SD40-2 w. PS3	\$419.99
MTH20205931 First Responders SD60E	\$429.99
MTH20205941 NS Veterans SD60E	\$429.99
MTH20205951 NS Go-Rail SD60E	\$429.99
MTH20206481 NS GP38-2 W. PS3	\$409.99
MTH20206551 EL(NS) SD45 w. PS3	\$409.99
MTH20206601 SF Dash 9 w. PS3	\$409.99
MTH202066XX 31/41 BNSF Dash 9 PS3	\$409.99
MTH202067XX 31/41 CSX GP30 w. PS3	\$409.99
MTH202068XX 01/11 MBTA F40ph PS3	\$399.99
MTH20206831 Amtrak F40ph PS3	\$399.99
MTH20207561 Amtrak Genesis #42	\$409.99
MTH20207591 NS Go-Rail SD60E	\$409.99
MTH202072XX 41/51 B&O 44 Ton	\$379.99
MTH202074XX 01/11 SF ES44AC w. ps3	\$409.99
MTH20207561 Amtrak Genesis #42	\$409.99
MTH30203001 P&W RS-3 w. PS3	\$239.99
MTH30203151 GE Hybrid #2010 w. PS3	\$289.99
MTH30203421 SF Dash 8 w. PS3	\$289.99
MTH30203431 BNSF Dash 8 w. PS3	\$289.99
MTH30203541 RS33S Red Bird 4 Pk	\$399.99
MTH30203561 RS33S Work Train 4 pk	\$399.99
MTH30203621 Veterans SD70 w. Cab	\$334.99
MTH30203641 Long Island ES44 w. PS3	\$284.99
MTH30203651 BNSF ES44 w. PS3	\$284.99
MTH30203761 LV SW-1 W. PS3	\$274.99
MTH30203931 Alaska E-8 AA Diesel	\$339.99
MTH30204101 KCS ES44AC w. PS3	\$285.99

Nicholas Smith EXCLUSIVES



MTH305145 PTC Bump & Go Trolley \$74.99



MTH3090523 Thunderbird Roadside Stand \$44.99



MTH30204031 Wilmington & Western SW1 \$299.99



MTH20207741 ConDot P40 #836 \$444.99



MTH20207721 NJT P40 #4800 Genesis \$444.99



MTH20207731 NJT P40 #4803 Genesis \$444.99



MTH20207751 Amtrak 44 Ton #1100

SALE ITEMS

Lionel Passenger Cars

LIO619087 C&O Heavyweight 4 Pk	\$250.00
LIO625176 B&O Baby Madison Bag w.snd	\$99.99
LIO625177 UP Baby Madison Bag w.snd	\$99.99
LIO625656 C&A Heavyweight 4 Pack	\$200.00
LIO625713 NYC Heavyweight 4 Pack	\$299.99
LIO635167 PRR Baby Madison Diner	\$29.99
LIO681644 Chessie Baby Madison 3 Pk	\$119.99
LIO681768 Chessie Baby Madison 2 Pk	\$84.99
LIO681769 Chessie Baby Madison 2 Pk	\$84.99
LIO681649 SP Daylight Baby Mad 3 Pk	\$119.99
LIO681773 SP Daylight Baby Madis 2 Pk	\$84.99
LIO681774 SP Daylight Baby Madis 2 Pk	\$84.99
LIO681739 SF Baby Madison 3 Pk	\$119.99
LIO681778 SF Baby Madison 2 Pk #1	\$84.99
LIO681779 SF Baby Madison 2 Pk #2	\$84.99
LIO681744 CP Baby Madison 3 Pack	\$119.99
LIO681783 CP Baby Madison 2 Pack #1	\$84.99
LIO681784 CP Baby Madison 2 Pack #2	\$84.99
LIO681759 NYC Baby Madison 2 Pack #1	\$84.99
LIO681760 NYC Baby Madison 2 Pack #2	\$84.99

O Freight Cars & Accessories

LIO615054 C&NW Woodside Reefer	\$29.99
LIO615060 K-Line by Lionel Boxcar	\$24.99
LIO615074 Mr. Goodbar Reefer	\$37.99
LIO615084 GN High-Cube Boxcar	\$29.99
LIO615098 Lone Ranger Boxcar	\$39.99
LIO617752 Polar RR Round Roof Boxcar	\$41.99
LIO625041 UPS Centennial Boxcar #1	\$32.99
LIO625042 UPS Centennial Boxcar #2	\$32.99
LIO625050 BC Hi Cube Boxcar	\$24.99
LIO626199 PFE Wood Reefer	\$22.99
LIO626435 B&M Hopper Ice Breaker	\$29.99
LIO626877 US Army Missile Sound Car	\$99.99
LIO627080 Lionel Vision Boxcar	\$24.99
LIO627086 GT 60' Boxcar	\$49.99
LIO627221 CB&Q DD Boxcar	\$42.99
LIO627286 PW Scale 6464 2pk	\$89.99
LIO627496 Polar RR Covered Hopper	\$43.99
LIO627642 VGN NE Scale Caboose	\$54.99
LIO627771 REA Reefer car	\$34.99
LIO629811 MDT Hot Box Reefer	\$49.99
LIO639360 Cub Scouts Boxcar	\$41.99
LIO639362 Thomas Kinkd Emerald Box	\$37.99
LIO681257 Amtrak Water Tower	\$19.99
LIO681703 SF 86' Boxcar 2 Pack	\$109.99
LIO681705 MR 86' Boxcar 2 Pack	\$109.99
LIO681706 Frisco 86' Boxcar 2 Pack	\$109.99
LIO681707 NYC 86' Boxcar 2 Pack	\$109.99
LIO682009 Suburban House	\$45.99
LIO682072 Phil Quartz 2 Bay Hopper	\$29.99
MTH2090885 BNSF Rapid Dis Hop 6p	\$239.99
MTH2090896 CN 4 Bay Hopper 6 Pk	\$254.99
MTH2097325 CSX Rapid Discharge Hop	\$46.99
MTH2098971 Lehigh Valley Crane	\$69.99
MTH2098972 Lehigh Valley Crane Tend	\$54.99

AMERICAN FLYER SALE ITEMS

LIO642542 C of G ES44AC Powered	\$284.99
LIO642544 Conrail ES44AC Powered	\$284.99
LIO642546 Interstate ES44AC Powered	\$284.99
LIO642552 N&W ES44AC Powered	\$284.99
LIO649876 Water Tower & Shed	\$49.99
LIO649946 SP Daylight Baggage	\$47.99
LIO649958 Santa Fe Full Dome	\$39.99

TAKING PRE-ORDERS

ONLY 51 MADE!

MTH2057191 Amtrak

AEM-7 #942 Chrome

Body w. Retirement Trip

Sounds \$444.99



www.nicholassmithtrains.com

Lionel RTR Transformer Sets

LIO630145 CN Maple Leaf Set	\$467.99
LIO630161 BSA Freight Set	\$219.99
LIO630166 Coke 125th Anniv Set	\$255.99
Above Without Track and Transformer	\$184.99
LIO630167 SP Merger Set	\$299.99
LIO630210 CP Grain Train Set	\$289.99
LIO630213 NS Northeast Freight Set	\$299.99
LIO630225 Medal of Honor Freight Set	\$319.99
LIO631746 GN Mountain Mover	\$299.99
Above Without Track and Transformer	\$239.99
LIO712016 Yankees/Mets Subway Set	\$239.99

Lionchief Remote Set

LIO681031 Dinosaur Diesel Set	\$88.50
LIO681262 NYC Flyer 0-8-0 Set	\$284.99
LIO681262 UP Flyer Freight Set	\$274.99
LIO681263 CNJ Passenger Set	\$230.00
LIO681269 PRR Allegheny Hauler Set	\$314.99
LIO681270 Bethlehem Steel Dockside	\$254.99
LIO681288 Pet Shop Girls Set	\$109.99
LIO681470 Batman Phantom Set	\$299.99
LIO681480 John Deere RS-3 Set	\$239.99
LIO682099 Zombie Apocalypse Set	\$329.99
LIO682324 Chessie U36B Set	\$299.99
LIO682427 Patriot U36B Set	\$189.99
LIO682436 PRR Keystone Set	\$339.99
LIO682984 NYC RS-3 Set	\$169.99
LIO683072 Keystone Special Set	\$224.99
LIO683080 Rio Grande Canyon 0-4-0	\$224.99
LIO683620 Harry Potter Set	\$299.99
LIO683624 UP RS-3 Set	\$209.99
LIO683701 Alaska Gold Mine Set	\$239.99
LIO683927 Hogwarts Express Bluetooth	\$319.99
LIO683984 PRR Flyer Set	\$229.99

Polar Express

LIO624251 Caribou Figures	\$20.99
LIO624252 Rabbit & Wolves	\$20.99
LIO625134 Diner Car	\$52.99
LIO625135 Baggage Car	\$53.99
LIO625186 Hot Chocolate Car	\$53.99
LIO628425 Elf Handcar	\$83.99
LIO630218 Polar Remote Passenger	\$289.99
LIO635130 Disappearing Hobo	\$56.99
LIO635290 Streamlined Passenger 2 Pk	\$111.99
LIO636875 Announcement Car	\$98.99
LIO637183 Pewter Figure Set	\$27.99
LIO682498 Letters to Santa Mail Car	\$52.99
LIO682510 Polar Express Aquarium Car	\$63.99
LIO682877 PE Thomas Kinkadee Boxcar	\$63.99
LIO683185 PE Elf Figure Pack	\$24.99
LIO683231 PE Steel Girder Bridge (Black)	\$31.99
LIO683239 PE Christmas Bell Mint Car	\$59.99
LIO683249 PE Combo Car	\$52.99
LIO683552 PE Double Sheathed Boxcar	\$71.99
LIO683434 PE Station	\$67.99
LIO683437 PE Lionchief Announcement	\$82.99
LIO683455 PE Operating Billboard	\$63.99
LIO683645 PE Story Boxcars (2pk)	\$127.99
LIO683943 PE Story Boxcar	\$63.99
LIO683438 PE Lionchief Set w. Bluetooth	\$319.99
LIO684370 PE Silver Load Hopper	\$52.99
LIO933075 PE Santa in Sleigh Tree Skirt	\$28.99
LIO933079 PE North Pole Stocking	\$11.99
LIO933080 PE Santa in Sleigh Stocking	\$11.99
LIO933094 PE Conduct Watch Tree Skirt	\$22.99

Lionel Legacy/LCS Items

LIO614294 #993 Legacy Expansion	\$245.99
LIO614295 #990 Legacy Command Set	\$349.99
LIO634120 TMCC Direct Lockon	\$43.99
LIO637125 Legacy Writable Module	\$15.99
LIO637146 Legacy Powermaster	\$74.99
LIO637147 Cab-1L w. Command Base	\$189.99
LIO637155 Cab-1L Remote	\$112.99
LIO681294 LCS 5" Fastrack Section	\$71.99
LIO681325 LCS Wi-Fi Module	\$134.99
LIO681326 Serial Converter 2 (SER2)	\$37.99
LIO681499 LCS DB9 Cable w. Power Sup	\$27.99
LIO681500 LCS PDI 1' Cable	\$10.99
LIO681501 LCS PDI 3' Cable	\$10.99
LIO681502 LCS PDI 10' Cable	\$14.49
LIO681503 LCS PDI 20' Cable	\$14.49
LIO681639 ACS2 Acc. Switch Controller	\$89.99
LIO681640 BPC2 Block Power Controller	\$89.99
LIO682728 STM2 Switch Throw Monitor	\$84.99
LIO682869 5" Sensortrack for O Gauge	\$71.99

Christmas

LIO611330 Polar RR Legacy K-4	\$649.99
LIO611331 Polar RR Conv. K-4	\$499.99
LIO617752 Polar RR Round Roof Box	\$52.99
LIO625947 NPE Jack Frost Reefer	\$32.99
LIO625958 Gingerbread Icing Vat Car	\$44.99
LIO627263 Polar RR PS-1 Boxcar	\$52.99
LIO627496 Polar RR PS-2 Hopper	\$52.99
LIO627946 Christmas Savings Bond Box	\$39.99
LIO627948 GN Christmas Boxcar	\$44.99
LIO627949 PRR Christmas Merch. Box	\$56.99
LIO629698 Tree Topper Transport Flat	\$59.99
LIO629931 05 LRRC Christmas Boxcar	\$22.00
LIO630219 Gingerbread Dockside Set	\$217.99
LIO636170 Partridge in a Pear Tree Reef	\$41.99
LIO636182 Egg Nog Unibody Tank Car	\$52.99
LIO636243 2002 Christmas Boxcar	\$19.99
LIO637151 Christmas Street Lamps Red	\$29.99
LIO637197 North Pole Girder Bridge	\$19.99
LIO637814 Christmas Crossing Shanty	\$17.99
LIO637909 Let It Snow Jet Snowblower	\$101.99
LIO637997 Christmas People Pack	\$17.99
LIO638848 Christmas Zephyr Set	\$899.99
LIO639335 Kinkadee Christmas Boxcar	\$44.99
LIO639364 2013 Christmas Boxcar	\$44.99
LIO681284 Frosty Train Set	\$229.99
LIO681425 Frosty Station	\$48.99
LIO681428 Frosty Boxcar	\$40.99
LIO681985 Christmas Mail Boxcar	\$44.99
LIO681990 Gondola w. Reindeer Feed	\$47.99
LIO682000 PRR Christmas Crane	\$55.99
LIO682002 Old St. Nick Animated B-board	\$44.99
LIO682005 Christmas Clock w. Wreath	\$28.99
LIO682053 North Pole Central Ice Car	\$56.99
LIO682699 Angela Thomas 2015 Boxcar	\$55.99
LIO682736 North Pole Central Water Twr	\$29.99
LIO682739 North Pole Central 6464 Box	\$59.99
LIO682740 Winter Wonderland Aqua Car	\$71.99
LIO682741 Christmas Tinsel Vat Car	\$52.99
LIO682742 Candy Mountain 4 Bay Hopper	\$48.99
LIO682743 Santa Reindeer Station	\$37.49
LIO682746 Christmas Floodlight Tower	\$56.99
LIO682748 Silver Bell Casting	\$52.99
LIO682877 Kinkadee Polar Express Boxcar	\$63.99
LIO683163 Kinkadee Christmas Boxcar	\$63.99
LIO683164 Frosty Belly Whopper Tank	\$44.99
LIO683176 Christmas Caboose	\$55.99
LIO683177 Angela Trotta Caboose	\$59.99
LIO683191 Snow Transport Tank Car	\$63.99
LIO683284 Peekaboo Reindeer Stockcar	\$55.99
LIO683291 Christmas Half Covered Bridge	\$52.99
LIO683292 Cookies & Candies Store	\$67.99
LIO683305 Winters Covered Bridge 24"	\$62.99
LIO683308 Christmas Unibody Tank Car	\$56.99
LIO683311 Egg Nog Reefer	\$48.99
LIO683312 Cookies Vat Car	\$52.99
LIO683313 Reindeer Express Flat w. Trailer	\$52.99
LIO683315 Christmas Toy Stock Car	\$59.99
LIO683316 Santa's Sleigh Aquarium Car	\$59.99
LIO683445 Old St. Nick Boxcar	\$63.99
LIO683777 Elf Boxcar	\$63.99
LIO683778 Christmas Vacation Boxcar	\$63.99
LIO683923 Angela Trotta Cookies Boxcar	\$63.99
LIO683925 Frosty Boxcar	\$63.99
LIO683964 Disney Holiday Set Bluetooth	\$314.99
LIO684372 Illuminated Christmas Station	\$32.99
LIO684374 2017 Christmas Music Boxcar	\$59.99
LIO684375 2017 Christmas Boxcar	\$49.99
LIO711528 Frosty Figure Pack	\$22.99

Lionel Gift Items

LIO922011 Lionel Logo/Locomotive Ornam	\$9.99
LIO922012 1942 Catalog Ornament	\$9.99
LIO933023 Lionel Stocking	\$13.99
LIO933044 Lionel Railroad Clock	\$29.99
LIO941028 Lionel Neon 15" Clock	\$127.99
LIO941031 Lionel Canvas Tote	\$21.99
LIO941040 Lionel Money Clip	\$23.99
LIO941051 Lionel Leather Coasters	\$31.99
LIO941052 Lionel Ceramic Coasters	\$16.99
LIO942021 Lionel Bar Stool w. Back (OS)	\$139.99
LIO942022 Lionel Bar Stool (Oversized)	\$109.99
LIO942023 Lionel Pub Table (Oversized)	\$299.99
LIO942024 Lionel "L" Marquee Sign	\$164.99
LIO942039 Santa Fe Metal Coat Rack	\$42.99
LIO942063 Corrugated Metal Wall Hanger	\$7.49
LIO951015 Deluxe Conductor Hat	\$24.99

Lionel Accessories

LIO612888 #154 RR Crossing Flasher	\$41.99
LIO612927 #65 Yard Lights 3 Pcs	\$20.49
LIO614071 #70 Yard Lights 3 Pcs	\$26.99
LIO614090 Banjo Signal	\$44.99
LIO614147 Old Style Clock	\$34.99
LIO614218 Downtown People Pack	\$17.99
LIO614241 Work Crew People Pack	\$17.99
LIO616882 12" Half Covered Bridge	\$44.99
LIO624156 Street Lamps 4 Pk	\$22.99
LIO624205 Classic Billboard Set	\$8.99
LIO624212 Lionel Art Blinking Billboard	\$17.99
LIO624248 Manual Crossing Gate	\$14.99
LIO637112 Helicopter 2 Pack	\$19.99
LIO637115 Pedestrian Walkover Green	\$34.99
LIO637161 Maxi-Stack Container 4 Pack	\$29.99
LIO637166 Crossing Shanty	\$18.99
LIO637169 Peanuts Psychiatric Booth	\$29.99
LIO637173 Green Globe Lights 3 Pk	\$18.99
LIO637174 Classic Street Lights 3 Pk	\$29.99
LIO637820 Auto 4 Pk	\$18.99
LIO637834 Boat Loader Boats 4 Pcs	\$18.99
LIO637842 CN Tractor w. 20' Trailer	\$66.99
LIO637851 Scale Telephone Poles	\$22.99
LIO637853 Alien Invasion Billboard Set	\$8.99
LIO637855 Airplane 2 Pcs	\$27.99
LIO637914 Work House	\$20.99
LIO637933 MG Switch Tower	\$224.99
LIO637958 SP Scrap Yard	\$82.99
LIO637959 Midway Basketball Toss	\$22.99
LIO637977 Hooker Tank Car Accident	\$89.99
LIO681063 Lionelville Gateman PNP	\$71.99
LIO681257 Amtrak Water Tower	\$19.99
LIO681432 PRR Girder Bridge	\$15.49
LIO681433 PRR Crossing Shanty	\$16.99
LIO681463 CNJ Water Tower	\$22.99
LIO681944 Rotary Beacon	\$63.99
LIO682009 Suburban House	\$45.99
LIO682012 Single Flood Light Tower	\$55.99
LIO682013 Double Flood Light Tower	\$67.99
LIO682016 Oil Pump	\$44.99
LIO682020 Burning Switch Tower	\$97.99
LIO682022 Lionel Steel Gantry Crane*	\$294.99
LIO682023 Sawmill with Sounds*	\$184.99
*Above two items are Command Control Only	
LIO683634 Keystone Smoke Fluid Loader	\$262.99
LIO683635 N. American Smoke Loader	\$262.99

Thomas the Tank

LIO626446 Troublesome Trucks	\$52.99
LIO630012 Expansion Pack	\$103.99
LIO630141 Tank & Wagon Exp Pack	\$103.99
LIO630190 Thomas Lionchief Set	\$149.99
LIO630191 Sodor Work Train 3 Pk	\$64.99
LIO681331 Iron Arry Lionchief	\$104.99
LIO681332 Iron Bert Lionchief	\$104.99
LIO681423 Sodor Coal & Scrap 2 Pk	\$44.99

Rolling Stock

LIO684312 Alaska Gondola w. Canisters	\$42.99
LIO684338 CSX Woodchip Hopper	\$49.99
LIO684366 PRR Woodchip Hopper	\$49.99
LIO684434 NS 30K Gallon Tankcar 3 Pk	\$188.99
LIO684438 NS 30K Gallon Tankcar	\$59.99
LIO684439 UTLX 30K Gallon Tank 3 Pk	\$188.99
LIO684443 PES 30K Gallon Tank 3 Pk	\$188.99
LIO684447 TILX 30K Gallon Tank 3 Pk	\$188.99
LIO684459 B&O Gondola 6 Pack	\$91.99
LIO684457 UP Gondola 6 Pack	\$91.99
LIO684460 Western Roads Asst. Gon 6pk	\$91.99
LIO684483 John Deer Vat Car	\$56.99
LIO684500 NS First Responders Tank	\$56.99
LIO68458X 2/3 BNSF 65' Mill Gondola	\$59.99
LIO68458X 4/5 CNW 65' Mill Gondola	\$59.99
LIO68458X 6/7 CSX 65' Mill Gondola	\$59.99
LIO68458X 8/9 NS 65' Mill Gondola	\$59.99
LIO68459X 0/1 SP 65' Mill Gondola	\$59.99
LIO68459X 2/3 UP 65' Mill Gondola	\$59.99
LIO684616 Wonder Woman Boxcar	\$63.99
MTH2093650 CSX 50' High Cube Boxcar	\$59.99
MTH2093655 Tropicana 50' DD Boxcar	\$57.99
MTH2093661 US Army Waffle Side Box	\$49.99
MTH2093665 C&O PS-1 Boxcar	\$55.99
MTH2093687 UP 50' High Cube Boxcar	\$59.99
MTH2093688 NS 50' High Cube Boxcar	\$59.99
MTH2094260 Tropicana Reefer	\$53.99
MTH2094267 PRR R50B Reefer	\$64.99
MTH2095187 NASA 47' HD Flat	\$59.99

PRODUCT NEWS

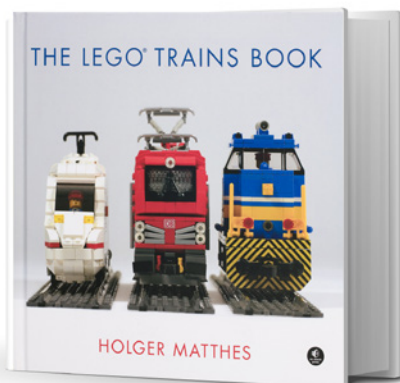
WITH BOB KELLER



MODERN POWER ON THE HORIZON: Williams by Bachmann's F59 diesels are coming. The O gauge F59s will be available in three liveries. The models, which have two can-style motors and the Tru-Blast Plus® sound system, cost \$529.95 each. For more information go to www.Bachmanntrains.com.



FORD TOUGH: Atlas O has released a 1:50 scale die-cast model of the Ford F-250 pickup truck. The O gauge vehicles come in black, dark blue, gray, red, or white. The super cab, with either a six-foot or eight-foot bed, sells for \$74.95. A special two-vehicle set with the models decorated as escort vehicles for wide/special cargo loads is priced at \$169.95. See your Atlas O retailer or go to www.AtlasO.com for more information.



FOR BRICK BUILDERS: *The Lego Trains Book* by Holger Matthes has been released by No Starch Press. The 233-page hardcover book features all the information you need to build a Lego railroad, right down to track and power. The author takes you from the Lego building concept to constructing and motorizing your trains. There are intricately executed diagrams and parts listings for building a number of locomotives. The book costs \$24.95 and is available from the publisher at www.nostarch.com or www.amazon.com.



FORGET THE WATCHMAKER: Windup trains have a power system that originated in the 19th century, and no dealer network to support it. James Pekarek helps solve that problem with *Windup Train Repair*. The 76-page book covers motor design and theory, lubrication, motor parts, main springs, motor disassembly, and more. There are ample color photos to illustrate the tasks covered. Priced at \$19.99, the softcover volume is available from www.amazon.com or wwwcreatespace.com.



BARN 2.0: Menards has upgraded its cow house with the no. 279-4430 Red Barn. The assembled and decorated O gauge structure has a farmer, associated farm supplies, cows, and Jack the German Shepherd. Upgrades include LED exterior lighting, a red light flashing on the silo roof, and an operating (rotating) weather vane. The structure costs \$89.99 plus shipping. Order online at www.menards.com/Trains and select free shipping to your local Menards store.



SWITCHEROOS: The venerable Electro-Motive Division SW9 diesel locomotive is decked out in the Florida East Coast's *Champion* livery on the no. 30-20464-1 O gauge switcher from MTH. The RailKing product has scale dimensions, two can-style motors, coil couplers, and the MTH ProtoSound 3.0 command and sound system. The model, which operates on O-27 track, sells for \$329.95. Also available is the no. 30-20464 unpowered SW9 calf unit for \$159.95. Other powered/unpowered SW9s in this run come decorated for the Canton RR, Conrail Express, and R.J. Corman RR. See your MTH retailer or go to www.mthtrains.com for more information.

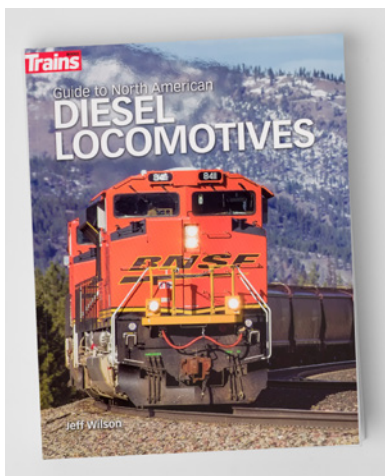


PRIVATE LISTINGS: Robert Osterhoff's latest dive into the world of Lionel ephemera is the DVD *Lionel Postwar Private-issue Catalogs 1947-1961*. The disc features 40 private-issue catalogs from firms such as Hobby House and Model Railroad Equipment Co., legendary retailers that distributed their own catalogs carrying American Flyer, Lionel, Marx, Plasticville, and other train and accessory lines. The disc can be viewed on Mac or PC computers and uses the device's web browser. It costs \$40 plus \$2.50 shipping and is available from Robert Osterhoff, 1622 Garden Valley Dr., Wildwood, MO 63038; call 636-458-3659 or order online at www.Trainpaper.com.

PRODUCT NEWS



COAST DOWN TO CONEY: Trainworld is offering an exclusive MTH RailKing bump-n-go trolley: the no. 30-5162 Coney Island trolley no. 751. The car features hit-and-reverse action, a movable power pole and interior illumination. The trolley operates on O-27 or wider diameter track and costs \$69.99. Order online at www.trainworld.com.



ALL YOU NEED TO KNOW: Jeff Wilson has produced another major work of rail history with the *Guide to North American Diesel Locomotives*. The 350-page softcover book covers the history of North American diesel locomotive production and spotting features. It has all-time diesel rosters of more than 100 railroads through the 1970s, and 400 color and black-and-white photos and costs \$27.99 plus shipping. See your hobby retailer or www.kalmbachhobbystore.com.



PAPER POWER: Using paper for structures and scenery is a time-honored skill in the toy train world, and Scenery Sheets wants to introduce you to the craft. Scenery Sheets are background kits of paper products representing scenery, structures, or elements such as fieldstones and cobblestones. Sheets are available in packs of five for \$9.99 or packs of 10 for \$15.99 plus shipping. Order these at www.buyscenerysheets.com.

WANT TO SUBMIT A NEW PRODUCT? Send complete ordering information and a large, hi-res photo file to bkeller@kalmbach.com or on a CD by mail to Bob Keller, *Classic Toy Trains* magazine, PO Box 1612, Waukesha, WI 53187-1612.



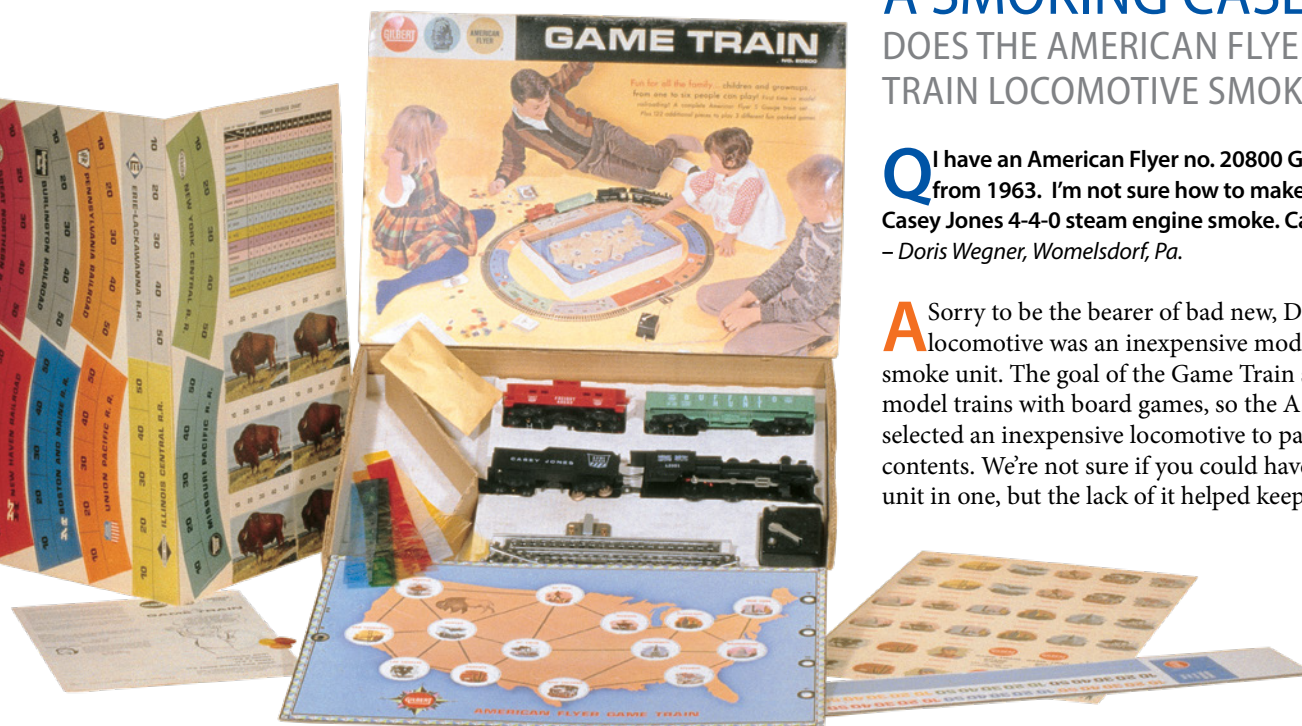
SMALL SPACE, LARGE LOOK: Empire Rail offers handmade and painted wood-core facades compatible with O gauge railroads. The designs are intended for backdrop use, with their depth ranging from ½ to 3 inches. The facades go from \$15 to \$125. For more information consult www.empirerail.co or call 860-887-5799.



FLASHBACK TO THE DAYS OF YORE: Brennan's Model Railroad has announced the first kit in a new series saluting structures on the Delta Lines O gauge layout built in the 1940s by model railroading legend Frank Ellison. The Ob Long Box Co. comes with a photo-illustrated instruction sheet geared toward beginners. An interior LED lighting kit is available as an add-on item. The limited-edition kit (only 100 will be made) is priced at \$129.95 plus shipping. Order online at www.brennansmodelrr.com.

QUESTIONS • ANSWERS

WITH JOSEPH L. MANIA AND THE CTT STAFF



A SMOKING CASEY?

DOES THE AMERICAN FLYER GAME TRAIN LOCOMOTIVE SMOKE?

Q I have an American Flyer no. 20800 Game Train set from 1963. I'm not sure how to make the no. L2001 Casey Jones 4-4-0 steam engine smoke. Can you help me?
— Doris Wegner, Womelsdorf, Pa.

A Sorry to be the bearer of bad news, Doris, but that locomotive was an inexpensive model that had no smoke unit. The goal of the Game Train set was to link model trains with board games, so the A.C. Gilbert Co. selected an inexpensive locomotive to pair with the game contents. We're not sure if you could have placed a smoke unit in one, but the lack of it helped keep the price lower.

Texas Trains



We Buy Train Collections

NO auctions NO consignments NO waiting for your money
30 years of experience – names and TCA#s kept confidential – cash ready



Trucks and
Trailers are
READY...



All you have to do is vacuum
ASK! We can also do appraisals



WE WILL... Show up, load up, & pay up

www.TxTrains.com

972-824-7123

texas trains@yahoo.com

MULTIPLE TRANSFORMERS

Q My O gauge layout is conventionally powered, with two Marx 100-watt, 15-volt transformers and a Lionel no. 1033 90-watt, 16-volt (via posts A and U) to run my three lines. Do these transformers have enough power to provide the voltage needed to use the LionChief remote controller? Or must I buy new power? – *Garvin Davenport, St. Paul, Minn.*

A Operating with older power sources at maximum output always seems risky. Even so, it is safe and your 1033 should work, though performance may be slightly diminished. Top speed will be a little slower, and smoke output may decrease slightly due to the voltage being slightly lower than the 18 volts recommended for the LionChief.

PICKY COMMODORE

Q I have a red Marx *Commodore Vanderbilt* from about 1935 and a black one from about 1945. The red model works well on both Marx and Lionel 90-degree crossovers. The black model either stops or goes into reverse on them. Both locomotives have exactly the same single-plate sliding shoe of about 2½ inches and appear to be wired the same way. I have several other Marx engines. Some have a slider the same size or a little longer, and some have two small sliders – all manage to navigate the crossovers. Do you have ideas about the cause of the problem with the black version and possible solutions? – *Frank Dies, St. Louis, Mo.*

A Without seeing your Marx engines, it is difficult to diagnose problems. Start by checking to see if there is more wear on the pickup of the motor on the black engine. If a groove is worn deeply enough in the copper pickup, when the locomotive traverses the plastic block in the center of the 90-degree crossing, the pickup can come up high enough that it no longer touches the center rail. As a result, the unworn part glides over the plastic and the worn part is now too high to contact the center rail. **CTT**

HAVE A QUESTION ABOUT OPERATING NEW OR OLD TOY TRAINS? Write "Questions & Answers" on your letter and mail it to Classic Toy Trains, P.O. Box 1612, Waukesha, WI 53187-1612, or email us at qsandas@ClassicToyTrains.com and put the words "questions & answers" in the subject line.



MARIO'S TRAINS

THE SOURCE FOR THE ENTHUSIAST

**Authorized
Lionel, MTH and Bachmann
dealer**

**GIVE US A CALL
(540) 868-0025**

**Mention
this ad for
FREE shipping
anywhere
in USA**

mariostrains.com

SUPERSMOKE®

- Non-Toxic Liquid & Vapor
- Fast Wicking

Cedar * FIR TREE
Arctic Mint
Christmas Tree
Sugar Maple
Hickory * Cinnamon
Big-Puff Odorless

2 OZ. W/ DROPPER \$ 8.50
4 OZ. W/ SAFETY CAP \$ 15.00

PLUS \$10.00 SHIPPING & HANDLING PER ORDER
AVAILABLE SINCE 1979

BART'S PNEUMATICS CORP.
1952 LANDIS VALLEY RD. * LANCASTER, PA. 17601
717-392-1568 VISA • MASTERCARD
www.bartspneumatics.com MINIMUM ORDER
2 BOTTLES
PA. RESIDENTS ADD 6% SALES TAX








TRAINS AND TOY SOLDIERS

NEW AND USED TRAINS
Buying Collections Large and Small
Lincoln, NE

800-786-1888

www.trainsandtoysoldiers.com



RAILROAD HOBBY SHOW

January 27th & 28th, 2018

Eastern States Exposition • 1305 Memorial Avenue
West Springfield, MA 01089

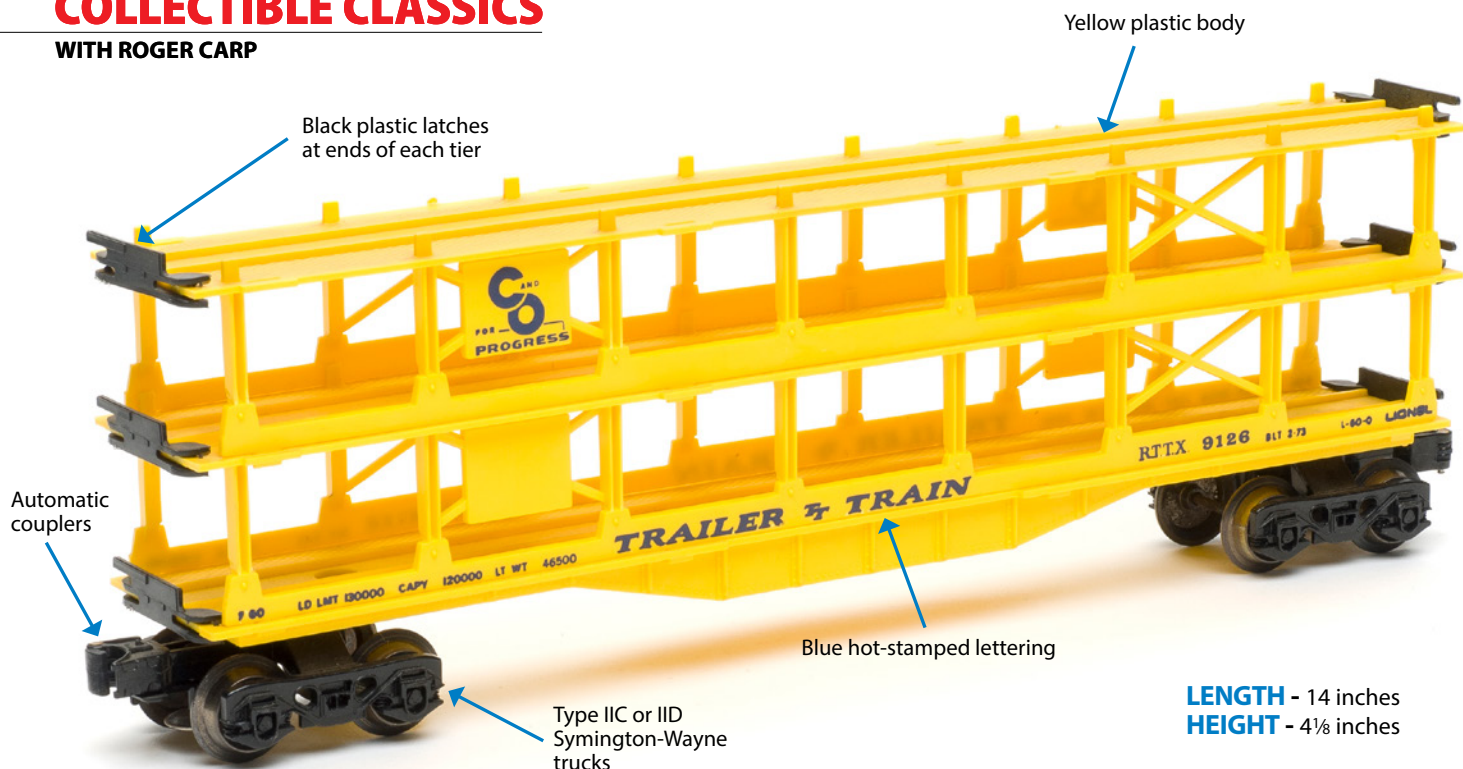
Better Living Center • Young Building • Stroh Building • Mallory Complex
Saturday: 9 am - 5 pm | Sunday 10 am - 5 pm

For more information about the show, visit us online at
www.railroadhobbyshow.com or like us on Facebook.



COLLECTIBLE CLASSICS

WITH ROGER CARP



LENGTH - 14 inches
HEIGHT - 4½ inches

LIONEL'S NO. 9126 CHESAPEAKE & OHIO THREE-TIER AUTO CARRIER

One indication of innovation and excellence at any manufacturer of toy trains is how quickly its designers manage to add to its product line a convincing replica of a locomotive or piece of rolling stock recently introduced to full-size railroads. Hobbyists follow what is happening and hope, perhaps expect, to be able to buy models of the latest engines, freight cars, and more.

Engineers at Lionel in the 1950s studied what was happening on Class 1 railroads and short lines. But few unique items appeared as the 1960s wore on.

Then General Mills, which was leasing the rights to manufacture and market Lionel trains, revived that trend in the 1970s. Its designers returned to the current industry to bring out a memorable group of three-tier auto carriers, including the no. 9126 Chesapeake & Ohio model (cataloged between 1973 and 1975).

Boxcars to modified flatcars

As explained in "Automobiles roll on Lionel Lines" in the December 2017 issue of *Classic Toy Trains*, manufacturers relied on boxcars, often equipped with two sets of doors on each side, to transport vehicles

through the first half of the 20th century. Starting in the 1950s, they turned to flatcars on which special metal frameworks had been installed to enable them to handle many more automobiles.

Lionel responded to the breakthrough with its no. 6414 Evans auto loader. That O gauge model made its debut in 1955 and stayed in the line through 1966. Meanwhile, an S gauge flatcar with a miniature truck hauling a carrier packed with autos became part of the American Flyer roster from the A.C. Gilbert Co.

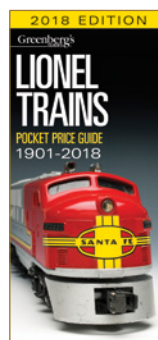
Changes continue

American automobile manufacturers had progressed from loading new cars in boxcars to letting them ride in the open on flatcars equipped with a specially designed multi-level carrier. That noteworthy trend continued into the 1960s.

Soon, however, railroads and auto makers were forced to adapt. The threats posed to the valuable cargo by bad weather and daring vandals left them with no choice.

Lionel acknowledges change

Key people at Lionel must have been pleased with the Evans auto loader because they did not try to replace it with a model of a more contemporary automobile carrier as the 1960s wore on. After deleting the 6414, decision makers cataloged nothing related to cars.



FOR MORE INFORMATION

Lionel cataloged the no. 9126 Chesapeake & Ohio three-tier auto carrier between 1973 and '75. *The 2018 edition of Greenberg's Pocket Price Guide to Lionel Trains* values the car at \$34 in mint condition and \$23 in excellent. Examples with the C&O logo in the upper and lower boards bring a premium.

Fortunately for O gaugers, individuals at General Mills noticed great possibilities in replicating the longer auto carriers added to American and Canadian railroads in the 1960s and into the '70s. They looked at the 60-foot open carriers in preparation for producing an attractive and realistic model for hobbyists.

Individuals at General Mills noticed great possibilities in replicating the longer auto carriers added to American and Canadian railroads in the 1960s and into the '70s.

Out in 1973 rolled three brand-new automobile carriers: the nos. 9123 Chesapeake & Ohio, 9125 Norfolk & Western, and 9126 C&O. Each unpainted plastic model was 14 inches in length and had on top of its flat surface one or two thin plastic racks to increase the levels on which autos supposedly rode. The result was a two-tier freight car 2¾ inches high or a three-tier car 4⅞ inches high.

The three cars making their debut in 1973 looked good, thanks to railroad names and related graphics generally hot-stamped on the shell (exceptions were electrocals). Unfortunately for Lionel, their operation left something to be desired.

The extra-long models needed a special offset plastic truck (type IIC or IID Symington-Wayne types) to negotiate the tight curves found on O-27 and O gauge railroad. But the plastic rivets used to fasten the trucks to the body shells permitted too much play between those different parts. Worse yet, the high center of gravity of the new automobile carriers and their minimal weight frequently combined to cause them to topple over as they rolled through curved sections.

A few variations

General Mills decided from the get-go it would catalog more than a single auto carrier in 1973, perhaps because leaders hoped consumers would buy several cars and so assemble realistic trains. There were, as a result, two styles (one or two racks), two road names (C&O or N&W), and two colors (blue or yellow).

The 9126 three-tier auto carrier (available in two sets and separately) had a yellow body with blue markings, making it the reverse of the 9123. The shade of yellow varied from light to medium. The C&O logo usually was on only the upper boards. Scarce examples had them on both the upper and the lower boards. – Roger Carp

S&W PARTS SUPPLY

LIONEL PARTS DEALER AND AUTHORIZED SERVICE STATION #91 PROVIDING EXPERT REPAIRS TO PREWAR, POSTWAR AND ALL MODERN LIONEL EQUIPMENT AS WELL AS LIONEL WARRANTY NEEDS

EMAIL: trains@sandwparts.com

Hours: Tuesday - Friday: 9-5PM EST

TEL - (518) 280-5197

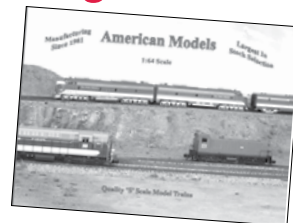
762 Whitney Dr., Niskayuna, NY 12309

NY Sales Tax (where applicable) & shipping

S Gauge Trains

Since 1981

Engines
Cars
Track
Structures
Figures



New 68 Pg. Catalog send \$7.00

American Models

10087 Colonial Indust. Dr.

South Lyon, MI 48178

www.americanmodels.com

Lionel Operating Train Society

Join LOTS today! Experience the Difference:



The club for O-gauge operators!

Switcher Magazine - still 6 times per year!

Limited Edition Lionel Cars - sold only to club members!

Exciting Conventions - Manchester, NH. (July 8-14, 2018).

Lionel FasTrack Modular Layout - Great kid appeal.

Outstanding Website - includes "Track Changes".

Lionel Catalog Mailings - be among the 1st to see what's new.

Great Friendships and Operating Tips.

For membership info, visit www.lots-trains.org or call (513) 598-8240

Your Southern Connection for Quality O Gauge Products

ROUNDHOUSE SOUTH

4611 S. Ridgewood Ave. • Port Orange, FL 32127

PH. 386-304-7002/7003

FAX 386-304-7004



MTH 20-20263-1 Southern ES44AC with Proto 3.0.....	\$439.95
MTH 20-20276-1 Norfolk Western ES44 with P3.0.....	\$429.95
MTH 20-20411-1 Kansas City So. SD-40 w/P3.0.....	\$439.95
MTH 20-20479-1 Norfolk Southern MOW Set w/P3.....	\$699.95
MTH 20-20511-1 BNSF ES44DC with Proto 3.0.....	\$449.95
MTH 20-20516-1 Denver Rio Grande SD70ACe w/3.0.....	\$439.95
MTH 20-20637-1 BNSF AC4400CW with Proto 3.0.....	\$439.95
MTH 20-20643-1 Seaboard System GP-38-2 w/P3.....	\$439.95
MTH 20-20659-1 Santa Fe Dash-9 with Proto 3.0.....	\$439.95
MTH 20-20663-1 BNSF Dash-9 with Proto 3.0.....	\$439.95
MTH 20-20683-1 Amtrak F40PH with Proto 3.0.....	\$419.95
MTH 20-20736-1 Union Pacific ES44AC with P3.0.....	\$439.95
MTH 20-20754-1 North Shore Electroliner Set P3.0.....	\$619.95
MTH 20-20756-1 Amtrak Genesis with Proto 3.0.....	\$439.95
MTH 20-3548-1E Chessie T-1 with Proto 3.0.....	\$949.95
MTH 20-3643-1 Southern Mikado with Proto 3.0.....	\$949.95
MTH 20-3667-1 Santa Fe 4-8-4 Northern with P3.0.....	\$1099.95
MTH 20-3688-1 Milwaukee Road Hiawatha P3.0.....	\$1099.95
MTH 20-5685-1 New Haven E33 Electric Prot 3.0.....	\$389.95
MTH 30-20164-1 Amtrak Dash-8 with Proto 3.0.....	\$299.95
MTH 30-20179-1 Conrail E-8 AA with Proto 3.0.....	\$309.95
MTH 30-20235-1 CSX SD-60 Diesel with Proto 3.0.....	\$309.95
MTH 30-20239-1 Wabash FM with Proto 3.0.....	\$299.95
MTH 30-20315-1 GE Evolution ES44 2010 P3.....	\$319.95
MTH 30-20345-1 Providence & Worcester Dash-8 P3.....	\$319.95
MTH 30-20361-1 NS SD70ACe P3 9-1-1 w/Cab.....	\$359.95
MTH 30-20365-1 BNSF ES44AC with Proto 3.0.....	\$309.95
MTH 30-20370-1 CNW SD70ACe with Proto 3.0.....	\$309.95

Freight charges added to ALL orders.

www.roundhousesouth.com

THE WESTERN DEPOT

1650 Sierra Avenue #203, Yuba City CA 95993

Phone 530-673-6776 Fax 530-673-5590

e-mail: info@westerndepot.com web site: www.westerndepot.com

Open Tuesday through Saturday 10:00am to 5:30pm

Sunset 3rd Rail / Golden Gate Depot

NP 2 Rail 80' Modernized Coach 4-pack	600
GN 3 Rail 80' Modernized Coach 4-pack	600
PRR P70-FAR Round Roof Coach 4-pack	600
SP Lines Green 17" Harriman Coach 6-pack	1020
SP Two Tone Grey 17" Harriman Coach 6-pack	1020
PRR 2 Rail Pre-War L-1s Mikado 2-8-2	1300
SP 2-Rail RDC-1	600
Burlington Route M-4a 2-10-4	1500
Erie S-4 Berkshire 2-8-4	1500
Western Pacific F7B	420
N&W K-2a Streamlined 4-8-2	1200
Pennsylvania Postwar L1s Midako 2-8-2	1300
New Haven RDC-1	600
Northern Pacific RDC-2	600

Weaver

1563LP WP VO-1000, 3 #s	400
1130 Central Soya 40' Tank Car	40
1305 Central Soya 40' Tank Car	40
3095 Reading "Share in Freedom" Boxcar	35
G1287L Cotton Belt Daylight Passenger Coach	170
G233 GN 50' Flatcar with Trailer	70
U18005LD Western Maryland Hopper	43
U19006LD SP AC-2 Covered Hopper	46
U21509LD GN Plug Door Boxcar	45
U26004LD NP 40' Wood Side Gondola	48
U26005LD GN 40' Wood Side Gondola	48
U26011LD Santa Fe 40' Wood Side Gondola	48

Check our website for complete inventory

If it is there, we have it in stock.

www.westerndepot.com



You dream it.

We build it.

www.trainlayouts.com • 973-366-5788

We specialize in:

- Complex Multi-Level Track Plans
- Operating Accessories
- TMCC™ and DCS Control Systems
- Yards and Switching
- Multi-Train Operation
- Highly Detailed Scenery

East Coast Enterprises • Roman Electric

DISPLAY SHELVES FOR YOUR TRAIN ROOM!

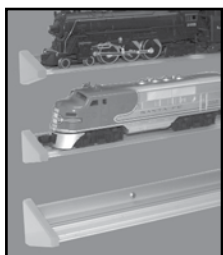


Satin Finish.
Hardened Anodized
Extruded Aluminum
No Brackets Needed
Raised Rails Hold
Your Trains in Place
6 Ft. Lengths,
Expandable with
Joiner Pins Supplied
Special Cutting
Available

Combination "HO/S" Gauge \$12.00
"O" Gauge \$16.00
Combination "O/STD/LGB" Gauge . . . \$24.00
Plus UPS Shipping

RAIL STOPS - This extremely versatile product is designed to fit our shelves or similar shelving from HO/S gauge or O gauge to O/STD/LGB gauge. RAIL STOPS can be used any place along your shelves and will prevent your trains from being rolled along the rails. RAIL STOPS fit all track and can be used in place of bumpers on train layouts.

RAIL STOPS are \$10.00 per dozen, including shipping.



RAIL END CAPS -

The newest addition to Glenn Snyder Display Systems product line. Designed to trim the ends of our shelves or similar shelving. RAIL END CAPS will give a finished look to the end of your shelves and

will prevent your trains from being knocked off the ends.

Please specify when ordering: combination "HO/S" gauge, "O" gauge or combination "O/STD/LGB" gauge.

RAIL END CAPS are \$3.50 each, any size. Plus shipping and handling.

GLENN SNYDER DISPLAY SYSTEMS

260 Oak Street • Buffalo, NY 14203

Toll Free 1-877-852-4676 • Fax 1-716-852-4677

e-mail: glenn@gds.com • www.gds.com

ALL PRODUCTS MADE IN USA

VIEWS FROM THE UNDERGROUND

WITH LOU PALUMBO

Where have they gone?

REFLECTING ON THE DECLINE OF NEIGHBORHOOD TRAIN SHOPS

I was saddened to hear of the recent passing of Jimmy Beaumont. Jimmy, in case you have forgotten, was the lead singer for the popular 1950s and '60s rock 'n' roll group, the Skyliners.

The Skyliners were one of many groups that hailed from Pittsburgh, Pa. Others, such as the Marcells and the Del-Vikings, were also part of that fabulous Pittsburgh Sound during what many of us consider the golden age of rock.

I was fortunate enough to see the Skyliners perform many times during the past 50 years. They were always one of my favorite singing groups.

I sure miss that wonderful sound and regret that it's no longer here to enjoy live. Luckily, we're able to hear the recordings of the Skyliners and so many others.

Something else that's missing in today's landscape is the old school type of train and hobby shops. And believe me, we miss them as much as vintage rock.

I remember going into small retail establishments filled with treasures of model trains and accessories from years gone by. It seemed like there once was a train store in every big city neighborhood. By the way, the same was true with record stores!

But now they're gone. I guess the economics of owning and operating a model train store prohibits their existence in abundance here in the 21st century.

During the 1950s and early '60s, though, those places were everywhere. I shopped at many such stores from Pittsburgh to Youngstown, Ohio, all a modest drive from my home in New Castle, Pa. Occasionally, my pals and I would get a ride to one of those cities and spend the day going from train store to train store.

Today, most of the big box hobby centers carry some trains. Of course, they also have items and materials used in hobbies not related to model trains.

These retailers try to make everyone happy by offering stuff for every hobby. So it's almost impossible to find many pre-owned and older toy trains.

I try to re-create the feel and atmosphere of an old school type of model train store at my business, The Underground Railroad Shoppe, in New Castle. We buy and sell new and used O and S gauge trains. In addition, we do repairs on the older trains.

There are many challenges involved with running a train store these days. No wonder some businesses that have been around a long time have left the scene.

Unlike many of the other surviving train stores around the country, we do not attempt to turn into a full-range hobby shop to supplement the sales during the off-season. Keep in mind that October through January are the busiest months for a train

store. After that, from February through September, sales really drop off.

Some of us have made a commitment to being exclusively train stores. It isn't easy. The costs related to having a sizable inventory of new and old trains, along with those tied to renting or maintaining the property, take a large chunk of the operating capital. And someone has to put in long hours behind the counter.

All the same, as the owners of the multi-generation train stores featured in the November 2017 issue of *Classic Toy Trains* explained, all the time and effort are worth it. We meet terrific people and do what we can to boost this hobby.

My advice to CTT readers? Look around in your town for a train store, because it may not be there much longer. Then do whatever you can to support it. Otherwise, it may vanish, taking with it many great memories. And once that store has shut its doors, all you'll be able to do is ask, "Where have they gone?"

Keep searchin'. **CTT**





Charles Ro Supply Company

662 CROSS STREET • MALDEN • MA 02148

Customer Service Line: 781-321-0090 • Fax: 781-321-6459

For Orders: 1-800-225-4424 (4425) Toll Free Fax: 1-800-287-0090

www.charlesro.com

Prices Are Subject To Change Without Notice And Are Valid For Mail Order Only



CHARLES RO CELEBRATES 45 YEARS AS THE WORLD'S LARGEST LIONEL DEALER

THE POLAR EXPRESS™ SCALE w/LEGACY		
L84685	Polar Express Scale Berkshire #1225	\$1349.99
L84811	Polar Express Scale Baggage Car	144.95
L84812	Polar Express Scale Combine	144.95
L84813	Polar Express Scale Coach	144.95
L84814	Polar Express Scale Diner	144.95
L84815	Polar Express Scale Observation	144.95
All 5 Passenger Cars Above for		699.99
Locomotive and 5 Passenger Cars Above for		1954.99

LEGACY STEAM & ELECTRIC LOCOMOTIVES - LTD QUANTITIES		
L84064	Milwaukee Road S3 #261 (BTO)	\$1529.99
L84067	Milwaukee Rd. S3 #260 "Hiawatha" (BTO)	1529.99
L84071	DL&W #565 Mogul Ltd Qty (BTO)	589.95
L84237	Cass Scenic 3 Truck Shay #6 (BTO)	1349.99
L84240	West Side Lumber 3 Truck Shay #3 (BTO)	1349.99
L84248	Northern Pacific Lines AC-9 #3800 (BTO)	1799.99
L84467	MEC USRA Light Mikado #624 (BTO)	1169.95
L84468	NYC USRA Light Mikado #5187 (BTO)	1169.95
L84508	New York Central S2 Electric #113 (BTO)	719.99
L84686	Nickel Plate Berkshire #759 (BTO)	1349.99
L84693	Pere Marquette Berkshire #1225 (BTO)	1349.99
L84942	Pennsylvania E6 Atlantic #460 (BTO)	719.99

VISION LINE REEFERS (BTO)		
L83545	PFE Reefers 3-Pack (1 Operating)	\$224.95
L83549	SFRD Reefer 3-Pack (1 Operating)	224.95

LEGACY DIESEL LOCOMOTIVES - LIMITED QUANTITIES		
L82761	Union Pacific #8130 SD90Mac (BTO) Ltd Qty	\$544.95
L82796	Conrail SD38 #6935 (BTO) Ltd Qty	544.95
L82798	DM&IR SD38 #221 (BTO) Ltd Qty	544.95
L82802	Penn Central SD38 #6940 (BTO) Ltd Qty	544.95
L83368	Erie Lackawanna SD45 #3607 (BTO) Ltd Qty	544.95
L83369	Erie Lackawanna SD45 #3618 (BTO) Ltd Qty	544.95
L83372	Great Northern SD45 #402 (BTO) Ltd Qty	544.95
L83373	Great Northern SD45 #407 (BTO) Ltd Qty	544.95
L83374	Penn Central SD45 #6235 (BTO) Ltd Qty	544.95
L83378	Southern Pacific SD45 #8801 (BTO) Ltd Qty	544.95
L83381	Union Pacific SD45 #21 (BTO) Ltd Qty	544.95
L83382	Santa Fe NW2 #2405 (BTO) Ltd Qty	419.95
L83385	CSX NW2 #9565 (BTO) Ltd Qty	419.95
L83386	Milwaukee NW2 #1649 (BTO) Ltd Qty	419.95
L83388	Pennsylvania NW2 #9171 (BTO) Ltd Qty	419.95
L83390	Southern Pacific NW2 #1423 (BTO) Ltd Qty	419.95
L83392	Union Railroad NW2 #555 (BTO) Ltd Qty	419.95
L83398	Santa Fe #2807 H16-44 (BTO) Ltd Qty	459.95
L83421	NS SD60E #6963 GO Rail SALE (BTO) Ltd Qty	479.95
L83422	NS SD60E 911 First Responders (BTO) Ltd Qty	544.95
L83423	NS SD60E #6900 (BTO) Ltd Qty	544.95
L84075	ACL E8 AA Set #544/545 (BTO) Ltd Qty	899.95
L84078	BN E8 AA Set #9935/9940 (BTO) Ltd Qty	899.95
L84088	New York Central E8 #4036-4037 (BTO)	899.99
L84096	BNSF SD70 ACE #9300 (BTO) Ltd Qty	544.95
L84097	BNSF SD70 ACE #9385 (BTO) Ltd Qty	544.95
L84098	Canadian National SD70 ACE #8100 (BTO) Ltd Qty	544.95
L84100	CSX SD70 ACE #4837 (BTO) Ltd Qty	544.95
L84107	Union Pacific SD70 ACE #8415 (BTO) Ltd Qty	544.95
L84256	Santa Fe SD40 #5006 (BTO)	584.99
L84258	Union Pacific SD40 #4057 (BTO)	584.99
L84264	Southern SD40 #3170 (BTO)	584.99
L84400	Burlington Northern SD60M #1991 (BTO)	584.99
L84409	Norfolk Southern SD60M #6808 (BTO)	584.99
L84622	Denver & Rio Grande SD40T-2 #5401 (BTO)	539.99
L84624	Kansas City Southern SD40T-2 #6102 (BTO)	539.99
L84633	Southern Pacific SD40T-2 #8532 (BTO)	539.99
L84636	Union Pacific SD40T-2 #8715 (BTO)	539.99
L84641	Santa Fe E6 AA Set #12-13 (BTO)	899.99
L84659	Milwaukee Road E6 AA Set #15A-B (BTO)	899.99
L85186	Santa Fe F3 AA Set (BTO)	764.99
L85189	Santa Fe Powered F3 B (BTO)	404.99
L85190	Santa Fe SuperBass F3B (BTO)	269.99
L85211	Reading F3 AA Set (BTO)	764.95

O SCALE 18" PENNSYLVANIA HEAVYWEIGHT PASSENGER CARS		
L84821	Combine - Liberty Hill	\$144.95
L84822	Sleeper - Cent Fawn	144.95
L84823	Sleeper - Central Park	144.95
L84824	Sleeper - Lafayette Square	144.95
L84825	Diner - 4498	144.95
L84826	Observation - Colonel Lindbergh	144.95
L84827	Observation - Washington Circle	144.95
Any 6 Heavyweights Above for		839.99

(BTO) = Built-To-Order - Limited Quantities, (CC) = Command Control

LIONCHIEF® PLUS STEAM LOCOMOTIVES		
L82416	Lehigh Valley LionChief Plus Camelback	\$369.95
L82418	Erie LionChief Plus Camelback	369.95
L82960	New York Central LionChief Plus Mikado	359.95
L82974	Southern Pacific LionChief Plus A5 0-4-0	374.95
L82975	Baltimore & Ohio LionChief Plus A5 0-4-0	374.95
L82976	Bethlehem Steel LionChief Plus A5 0-4-0	374.95
L83605	Presidents LionChief Plus Mikado	359.95
L83607	US LionChief Plus MacArthur Mikado	359.95
L83608	Baltimore & Ohio LionChief Plus Mikado	359.95
L83609	Chesapeake & Ohio LionChief Plus Mikado	359.95
L84680	New Jersey Central Pacific #832	404.99
L84934	New York Central Hudson #5425	404.99

LIONCHIEF® PLUS DIESEL & ELECTRIC LOCOMOTIVES		
L82171	BNSF LionChief Plus GP20 #2050	\$279.95
L82172	New York Central LionChief Plus GP20 #2102	279.95
L82173	Norfolk Southern LionChief Plus GP20 #10	279.95
L82826	CSX LionChief Plus GP38	284.95
L82827	Southern Pacific LionChief Plus GP38	284.95
L84108	Great Northern LionChief Plus GP7	279.95
L84109	Louisville & Nashville LionChief Plus GP7	279.95
L84110	Reading LionChief Plus GP7	279.95
L84111	Western Pacific LionChief Plus GP7	279.95
L84413	B&O LionChief Plus FA AA Set w/BT	449.99
L84422	Union Pacific LionChief Plus FA AA Set w/BT	449.99
L84696	Delaware & Hudson RS-3 #4121	314.99
L84939	Norfolk Southern 1st Responders GP38 #5642	314.99

ROLLING STOCK		
L81884	Bethlehem Steel Command Control Crane Car	\$359.95
L82075	New York Central Waffle Sided Boxcar	35.95
L82085	Santa Fe Waffle-sided Boxcar	35.95
L82426	Rock Island 8-Door Hi-Cube Boxcar	71.95
L82504	TFM 89' Auto Carriers	79.95
L82721	Disney Dumbo 75th Anniversary" Boxcar	60.95
L82921	Disney Villains Evil Queen Hi-Cube Boxcar	57.95
L82922	Disney Villains Scar Hi-Cube Boxcar	57.95
L83794	Disney Bambi 75th Anniversary Boxcar	60.95
L83795	Disney Jungle Book 50th Anniversary Boxcar	60.95
L83348	Boston & Maine Double Sheath Boxcar	60.95
L83565	Kansas City Southern Express PS-1 Boxcar	57.95
L83576	Baltimore & Ohio Milk Car	57.95
L83578	HP Hood Milk Car	57.95
L83579	Rutland Milk Car	57.95
L83783	Rosie the Riveter Boxcar	60.95
L83784	Heavies and Little Friends Boxcar	60.95
L81469	Great Northern Bi-level Stockcar	46.95
L82855	ADM Unibody Tank Car	53.95
L82857	AFPX Unibody Tank Car	53.95
L82859	Englehard Unibody Tank Car	53.95
L83243	Shell Three-Dome Tank Car	53.95
L83470	Slag Car 3-Pack	172.95
L83484	Hot Metal Car 2-Pack	144.95
L36195	Pennsylvania Patrol Helicopter Flatcar	43.95
L81903	Lionel Semi-Tractor & Piggyback Trailer	64.95
L82081	CXSL Auto Carrier	35.95
L82843	Western Maryland PS-4 Flatcars w/40' Trailers	79.95
L82844	Pennsylvania PS-4 Flatcars w/40' Trailers	79.95
L83478	Bethlehem Steel Hot Metal Car 2-Pack	144.95
L82866	Pennsy N5B Caboose #477746 (no smoke)	64.95
L84612	Coca-Cola Vintage Pinup Girls Boxcar	60.95
L84613	Coca-Cola Vintage Together Boxcar	60.95
L84614	Coca-Cola Vintage Santa Boxcar	60.95
L84615	Coca-Cola Vintage Polar Bears Boxcar	60.95
L84806	Shell #662 8K Tank Car	57.95
L84807	John Deere #236 8K Tank Car	57.95
L84854	TTX Husky Stack #56210	94.95
L84860	BNSF Husky Stack #203003	94.95
L85066	TTX #56210 Husky Stack w/EOT	107.95
L85068	BNSF #203054 Husky Stack w/EOT	107.95
L84872	Pennsy #469615 50' Flat w/40' PRRZ Trailer	85.95
L84878	Wabash #25535 50' Flat w/40' WABZ Trailer	85.95
L84874	Trailer Train #475227 50' Flat w/40' SOUZ Trailer	85.95
L84890	Pennsy #68408 (Shadow Keystone) X31 Boxcar	57.95
L84894	Pennsy #497310 (Stores) X31 Boxcar	57.95
L85095	Bucyrus Erie #1114 PS-2 Covered Hopper	54.95
L85103	US Borax #31065 PS-2 Covered Hopper	54.95
L85099	Ready Mixed Concrete #331 PS-2 Cvr'd. Hopper	54.95
L85105	Tank Train 2 Packs w/ EOT - Orange	144.95
L85126	Tank Train Intermediate Car #1 - Orange	64.95
L85144	GATX Tank Train Intermediate Car #1 - Black	64.95
L85150	Canadian National Tank Train Intermediate Car #1	64.95

LIONEL FASTRACK & SWITCHES		
L12014	Straight Track (10")	\$4.60
L12015	O36 Curve Track (8 make a circle)	4.60
L12017	O36 Manual Switch (Left Hand)	37.95
L12018	O36 Manual Switch (Right Hand)	37.95
L12031	Outer Passing Loop Track Pack	116.95
L12041	O72 Curve Track (16 make a circle)	6.30
L12042	30" Straight Track (min. order 10 pcs.)	14.95
Case of 24		329.95
L12044	Siding Track Pack	96.95
L12062	Grade Crossing w/Gate & Flashers	134.95
L81946	O36 Remote / Command Control RH Switch	82.95
L81947	O36 Remote / Command Control LH Switch	82.95
L81952	O72 Remote / Command Control RH Switch	89.95
L81953	O72 Remote / Command Control LH Switch	89.95

OPERATING ACCESSORIES		
L37821	Smoke Fluid Loader	SALE \$199.95
L37903	Cell Tower	54.95
L82022	"Lionel Steel" Gantry Crane (CC)	309.95
L82023	Saw Mill with Sounds (CC) (Plug-N-Play) SALE	149.95
L82028	#352 Icing Station (Plug-N-Play)	116.95
L82035	Crane Sounds Work House (Plug-N-Play)	116.95
L82029	Culvert Loader (CC) (Plug-N-Play)	234.95
L82097	Bucyrus-Erie Gantry Crane (CC)	309.95
LIONEL LEGACY CONTROL SYSTEMS & TMCC		
L14295	#990 LEGACY Command Set	\$339.95
L14294	#993 LEGACY Expansion Set	254.95
L22983	180 Watt PowerHouse Power Supply	74.95
L37921	ZW-L Transformer (360 Watts)	759.95
L37147	CAB-1L/Base-1L Command Set	214.95
L82883	Legacy Powermaster (360 Watt)	164.95



THE POLAR EXPRESS - S GAUGE		
AF44039	The Polar Express FlyerChief Remote Set	\$399.95
AF49973	The Polar Express Baggage Car	50.95
AF48006	The Polar Express Billboard Pack	10.95

AMERICAN FLYER FLYERCHIEF™ 1:64 SCALE BERKSHIRE STEAM LOCOMOTIVES		
AF44020	Nickel Plate Berkshire #756	\$332.99
AF44022	Pere Marquette Berkshire #1225	332.99
AF44024	Erie Flyer Berkshire #3362	332.99
AF44025	C&O Berkshire #2696	332.99
AF44026	Southern Berkshire #2716	332.99

4-8-4 NORTHERN STEAM LOCOMOTIVES		
AF47950	Milwaukee 4-8-4 Northern Steam Loco	\$419.95
AF47951	Union Pacific 4-8-4 Northern Steam Loco	419.95
AF47953	New York Central 4-8-4 Northern Steam Loco	419.95
GP-7 DIESEL LOCOMOTIVES		
AF48031	SF "Blue Bonnet" GP-7 #2849	\$224.99
AF48032	Union Pacific GP-7 #125	224.99
AF44116	New York Central #5628 GP-7	224.99
AF44117	Reading #619 GP-7	224.99

LEGACY SALE SD70 ACE DIESEL LOCOMOTIVES		
AF47945	EMD Demo SD70 ACE Diesel Loco	\$499.95
AF47947	KCS SD70 ACE Diesel Loco	499.95

AMERICAN FLYER ROLLING STOCK		
AF47927	Union Pacific Auto Carrier ETTX #715029	\$53.95
AF47963	Pennsylvania 2-Bay Covered Hopper	43.95
AF47964	Norfolk Southern Gondola w/Containers	46.95
AF47965	New Haven Log Dump Car	57.95
AF47966	N.A.T.X. 3-Dome Tank Car	46.95
AF47974	2016 Christmas Boxcar	46.95
AF47984	New Haven Piggyback Flatcar w/Trailers	46.95
AF49950	Grand Union Food Markets Wood Reefer	46.95
AF49953	Union Refrigerator Bananas Wood Reefer	46.95

SHIPPING & HANDLING POLICY
Shipping charges will be charged based upon your total order and will be shipped via FedEx or UPS ground service in the Continental United States (except Alaska and Hawaii). The following rates apply:

TOTAL ORDER	SHIPPING CHARGE
Over \$1500.00	\$25.00
\$1000.00 to \$1500.00	\$15.00
\$500.00 to \$1000.00	\$10.00
\$75.00 to \$500.00	\$9.00
Under \$75.00	\$10.00

For orders that require multiple shipments, there will be a \$7.00 charge for each shipment made on your backorder. Mass. residence add 6.25% sales tax. 15% restocking charges on returns if not exchanged for items of equal value. No Returns after 10 days. No Returns of Books or Video's.

Prices are subject to change without notice. Quantities are limited. Sale items are limited to quantities on hand. Not responsible for typographical errors.
©Copyright Charles Ro Supply Co. 2018

**TOLL FREE FOR ORDERS 1-800-225-4424 • 1-800-225-4425 • FAX TOLL FREE 1-800-287-0090
SEND SELF ADDRESSED STAMPED 9" X 12" ENVELOPE (with \$1.87 postage) FOR OUR "O" GAUGE PRICE LIST**



His goal **Madison**

**MARV RAGUSE
FULFILLED A
HOBBY GOAL
WHEN HE
VISITED IN
THE 1970S**

By Roger Carp

Photos by Marv Raguse

Certain O and S gauge train collectors have indirectly shaped *Classic Toy Trains* almost since its beginning in 1987. They have offered opinions on the contents, shared models from their collections, directed us to novel topics and fellow hobbyists, and shared their expertise.

Marv Raguse has been in the CTT corner from its early days through the present. His knowledge of American Flyer trains and accessories has benefited the magazine, as have his insights into the hobby.

Marv's passion for toy trains was kindled when as a toddler

in the 1940s he played with a Marx set with his father. The flame grew after he received an American Flyer passenger set headed by a no. 322 Hudson steamer around 1950. Since then, Marv's fascination with model railroading has expanded from S gauge to HO scale and then to prewar Standard gauge and modern O and HO scale.

Marv tells great stories about growing up with toy and full-size trains. Especially entertaining are his memories of visiting New York City in the 1970s and stopping by Madison Hardware Co., once the nation's premier Lionel retailer.

Taking the right path

"Train a child in the way he should go, and when he is old he will not depart from it." Marv refers to Proverbs 22:6 as one of his favorite passages. Besides having the word "train" in it, this proverb neatly summarizes his life.

A photo taken when Marv was three years old shows him next to his dad. They were, as Marv says, "experiencing the joy of my very first train, a Marx windup."

"From my earliest days," Marv goes on, "I have always loved railroads. I aspired to grow up to be a locomotive



FAR LEFT Longtime toy train collector Marv Raguse snapped this terrific picture of the inside of Madison Hardware Co. in New York City in the 1970s. To the right stands Lou Shur, the owner of what was the premier Lionel retailer for decades.

LEFT Toy train collectors can only wonder what treasures were packed away in storage areas on the floors above the Madison storefront at 105 East 23rd Street.

ABOVE Marv cherishes this snapshot showing his father and him at age three, playing with Marv's first train – a Marx windup.

Hardware

engineer. Trains were everywhere, often paralleling major highways. I remember riding in our family's Chrysler and seeing them. I always sought and usually got a wave from the crew in the cab."

Lying in bed at night as a boy in Wisconsin, Marv could hear the sounds of Chicago & North Western and Milwaukee Road passenger and freight trains and local interurbans. Yet what meant even more was operating his own trains.

When Marv was six, his dad gave him the Flyer passenger set – "my most incredible Christmas gift!" Many hours of

"running the fast mail," as Marv put it, "led me to dream of being in the cab as it roared through the local station."

A year later, Marv got a no. 282 Pacific and tender with freight cars. The trains ran on a scenic table layout with two main lines. Neat accessories soon joined them, including a cattle loader, a lumber mill, and an oil drum loader.

Rekindling his interest

Eventually, as happened to so many postwar kids, Marv drifted from toy trains to HO scale modeling. The realism and detail attracted him.

But a visit to a hobby shop in Detroit, where Marv was living in 1969, rekindled his interest in toy trains. He saw a collection of vintage Flyer and Lionel items. That was all it took to guide him back to what he had loved as a youngster.

As Marv built a collection and joined the Train Collectors Association, he heard about Madison Hardware Co. Not that he was unfamiliar with the nationally known store.

"Growing up in the 1950s," Marv noted, "the full-page ads Madison put in *Model Railroader* and *Model Trains* magazines presented quite a wonder.

But for a boy living out in the Midwest, getting to Madison in New York was as unlikely as visiting Disneyland in Anaheim, Calif. That was okay, though, because I was a loyal American Flyer lad, and the large inventory Madison stocked was Lionel."

Off to Gotham

Marv's desire to visit Madison grew once he was a full-fledged collector without any specific brand loyalty. "Madison had become the place I had to visit. Other spots in New York were important, but only Madison was an icon."



A visit to Madison Hardware to converse with Lou Shur and buy trains was just one of the highlights of the trips to New York City Marv took in the 1970s with his wife, Julie.

In June 1973, Marv finally fulfilled that goal. With his wife, Julie, he visited Madison Hardware for the first time. It became a regular destination for the young couple.

"On every visit to New York," Marv recalls, "Julie and I would stop by Madison. Then, after time well spent there, we would head up to Grand Central Terminal and the Oyster Bar Restaurant in the lower level for a great lunch."

Once, Marv asked Lou Shur, the elderly and occasionally crusty owner of Madison, if he had pilot flags for Lionel's Standard gauge locomotives.

Lou replied, "How many do you need?"

Marv said, "A few, I guess."

We'll let Marv finish the tale: "Mr. Shur disappeared into the backroom, coming out a minute later. 'Hold out your hand,' he said. When I did, he dropped a handful of original Lionel flags into it. I was thrilled at his kind gesture."

Getting amazing photos

Marv continued to visit through the rest of the 1970s

» **When Marv was six, his father gave him the Flyer passenger set – "my most incredible Christmas gift!"**

and into the 1980s. Often, he brought with him Ralph Corapi, a fellow train collector. They explored every hobby shop in Manhattan and on Long Island. "That's how," Marv recalled, "I learned that a Lionel no. 120L Standard gauge tunnel could fit under the seat of a Boeing 727 for the return flight to Michigan."

Marv once asked Lou if he could take his picture. Lou said he could but then warned, "It won't come turn out."

Marv suspects Lou had in mind the lack of a flash on the camera. Marv believed the

photo would look fine. One glance leaves no doubt it did!

As cool is the photo Marv took of the storefront of Madison. He likes it because "the adjoining businesses come into view. The upper floors must have had a huge inventory of vintage Lionel equipment."

Still at it

Madison Hardware no longer exists in Manhattan or its later incarnation in Detroit. But Marv's photos preserve the interior and exterior for us.

Marv still collects trains and maintains his enthusiasm for the hobby. He recalls how his dad once walked through his train room and, after looking at the vintage and new models on display, said half in jest, "Where did I go wrong?"

Marv showed his father the photo of them with the Marx windup and thanked him. "We then shared a good laugh!" **CTT**

**Don't Sell Your
TRAIN COLLECTION
Without An Offer From**

TRAINZ



We are looking to purchase O and S scale collections all over the USA. Trainz.com will make selling your collection easy. Read more about how our cash sale and auction options work at www.trainz.com/ctt. Contact us today at sellyourtrains@trainz.com or at 866-285-5840.

**YES! Help Me Sell
My Train Collection**

www.trainz.com/ctt

866-285-5840
(Fax) 1-866-935-9504

**Looking for one of the greatest
selections of new & previously
owned trains in all scales?**

Check out our website at
Trainz.com and especially our
auction site at
www.trainzauctions.com





AL & LIBBY RUDMAN AND CREW

301-475-5381 • FAX: 301-475-0337
40845 Merchant's Lane
P. O. Box 1707
Leonardtown, MD 20650
Sidetrackhobbies@erols.com
www.sidetrackhobbies.com

Actual UPS
Shipping

Item Number	PREMIER ENGINES	OUR PRICE
M20-20191-1	SOUTHERN F-7 ABA (HRW) W/PS3 M11V2	567
M20-20192-1	CSX DASH 8 DIESEL W/PS 3.0 HIRLWLS MSRP 449.95 DAP11	378
M20-20244-1	WESTERN MARYLAND SD40-2 DIESEL W/PS3 449.95 M12V2	338
M20-20250-1	NORFOLK & WESTERN GP30 DIESEL W/PS3 439.95 M12V2	351
M20-20263-1	SOUTHERN ES44AC DIESEL W/PS3 (HRW) MSRP 459.95 M12V2	383
M20-20263-3	SOUTHERN ES44AC DIESEL (NP) MSRP 269.95 M13V2	207
M20-20266-3	MILWAUKEE ROAD F-7 B-UNIT DIESEL (NP) 159.95 M12V2	117
M20-20304-1	WESTERN MARYLAND FA-2 ABA DIESEL SET W/PS3 729.95 M13V1	522
M20-20304-3	WESTERN MARYLAND FA-2 B-UNIT DIESEL (N/P) 179.95 M13V1	131
M20-20305-1	NYC FA-2 ABA DIESEL SET W/PS3 MSRP 729.95 M13V1	522
M20-20305-3	NYC FA-2 B-UNIT DIESEL (N/P) MSRP 179.95 M13V1	131
M20-20306-3	CANADIAN NATIONAL FA-2 B-UNIT DIESEL (N/P) 179.95 M13V1	131
M20-20313-1	GE DEMO #2011 ES44AC DIESEL W/PS3 (HRW) (UNCAT) \$479.95	405
M20-20316-1	DCS #2013 ES44AC DIESEL W/PS3 (HRW) (UNCAT) MSRP \$459.95	378
M20-20350-1	TEXAS SPECIAL F-3 ABA DIESEL W/PS3 HRW 729.95 M13V2	540
M20-20357-1	BURLINGTON PIONEER ZEPHYR SET W/PS3 799.95 M13V2	540
M20-20358-1	BOSTON&MAINE PIONEER ZEPHYR DIE SET W/PS3 799.95 M13V2	540
M20-20374-1	NORF SOUTHN DASH-8 NARROW NOSE DIESEL W/PS3 HRW 459.95 M14V1	351
M20-20376-1	UP DASH-8 NARROW NOSE DIESEL W/PS3 (HRW) 459.95 M14V1	351
M20-20415-1	CANADIAN PACIFIC GP-30 DIESEL W/PS3 479.95 M14V2	342
M20-20430-1	ELECTRO MOTIVE SD70ACe DIESEL W/PS3 (HRW) 499.95 M14V2	342
M20-20442-1	SP SD45T-3 TUNNEL MOTOR DIESEL PS 3.0 HIRL M15V1 499.95	342
M20-20465-1	PRR G.E. 44 TON DIESEL W/PS3.0 HIRL MSRP 449.95 6/15 M15V1	342
M20-20468-1	SANTA FE GE 44 TON DIESEL W/PS3.0 HIRL 449.95 6/15 M15V1	347
M20-20506-1	GE HYBRID EVOLUTION ES44AC DIESEL PS3 HRW 529.95 M15V2	432
M20-20507-1	GE HYBRID EVOLUTION ES44AC DIESEL PS3 HRW 529.95 M15V2	432
M20-20538-1	WESTERN MARYLAND SD-35 DIESEL #7435 W/PS3 HRW 499.95 M15V2	387
M20-20539-1	WESTERN MARYLAND SD-35 DIESEL #7436 W/PS3 HRW 499.95 M15V2	360
M20-20554-1	CANADIAN NATIONAL F-7 A-UNIT DIESEL PS3 HRW 449.95 M15V2	342
M20-20556-1	NORFOLK SOUTHERN F-7 A-UNIT DIESEL PS3 HRW 449.95 M15V2	342
M20-20578-1	NORFOLK SOUTHERN GP-40 SAFETY TRAIN SET PS3 749.95 M16V1	540
M20-20593-1	NORFOLK SOUTHERN SD60E DIESEL W/PS3 HRW 499.95 M16V1 04/16	360
M20-20594-1	NORFOLK SOUTHERN SD60E DIESEL W/PS3 HRW 499.95 M16V1	360
M20-20595-1	NORFOLK SOUTHERN SD60E DIESEL W/PS3 HRW 499.95 M16V1 05/16	360
M20-20612-1	C&O FREIGHT EXPRESS F-7 TRAIN SET W/PS3 MSRP 729.95 M16V1	540
M20-20662-1	UP DASH 9 DIESEL CAB # 9816 PS3.0 HIRLWLS MSRP 499.95	360
M20-20694-1	METRO. TRANS. R11 4-CAR (PLATED FINISH) PS/3 \$629	486
M20-2206-1	ELECTRO MOTIVE DIV EMD E-8 ABA W/PS	495
M20-2244-1	US POSTAL SERVICE USPS GENESIS PS2	315
M20-2374-1	CHESSIE WESTERN MARYLAND GP-40 DIESEL ENGINE W/PS2	333
M20-2452-1	ILLINOIS CENTRAL E-6 ABA DIESEL ENGINE SET W/PS2	630
M20-2458-1	WESTERN MARYLAND FA-2 ABA ENG SET W/PS2 MSRP 649.95	495
M20-2663-1	MD MIDLAND GP38-2 DIESEL ENGINE PS2 MSRP 399.95	297
M20-2675-3	BMT 2500 SERIES 3-CAR SUBWAY ADD ON (NP) MSRP 299.95 M10V1	180
M20-2689-1	WESTERN MD BL-2 DIE ENG W/PS MSRP 399.95 C+	297
M20-2689-3	WESTERN MD BL-2 DIE ENG N/P MSRP 159.95	131
M20-2830-2	ELECTRO MOTIVE DIV SD70M-2 DIESEL W/PS2 SCALE M7V2	333
M20-2884-1	WM SD-35 DIESEL W/PS2 (HI-RAIL WHLS) MSRP 429.95 M8V1	333
M20-3034-1	CHICAGO NORTHWESTERN 4-6-4 E-4 HUDSON W/PS	405
M20-3110-1	Baltimore & Ohio 4-4-2 Atlantic PS2 MSRP 649.95	405
M20-3133-1	NORFOLK & WESTERN 4-8-4 J PS MSRP 1099.95	720
M20-3136-2	JERSEY CENTRAL BULLET 4-6-2 P47 PACIFIC 2-RAIL PS2	630
M20-3166-1	WM 2-8-0 H-9 CONSOLIDATED W/PS2 (HRW) MSRP 799.95	585
M20-3182-1	CHICAGO & ALTON 2-8-0 USRA LT MIKDO W/PS H/WHL MSRP 799.95	630
M20-3216-2	NYC 4-6-4 DREYFUSS PS2 (SCALE SCULLIN WHEELS) MSRP 999.95	720
M20-3276-1	CANADIAN NAT'L U1T STEAM PASS SET PS2 MSRP 1199.95 M7V1	986
M20-3299-1	PA K-4 STREAMLINED PASS SET W/PS2 MSRP 999.95 M8V1	720
M20-3300-1	SOUTH PAC. 4-8-4 GS-4 W/PS 2.0 W/M20-3300-3 WATER TENDER	1,080
M20-3311-1	WESTERN MARYLAND 2-10-0 DECAPOD W/PS2 MSRP 999.95 M10V	675
M20-3314-1	SOUTHERN 4-6-4 ROYAL HUDSON W/PS 2.0 (HRW) 999.95 M8V2	765
M20-3363-1	N & W 4-8-4 J STEAM LOCO W/PS 2.0 (HRW) 1099.95 M10V1	855
M20-3369-1	BRITISH RW DUCHESS CLASS STM W/PS2 (HRW) 1199.95 M13V1	810
M20-3383-1	DAP ENGINEERING EDITION 2-3-1F PACIFIC W/PS2 MSRP 1099.95	720
M20-3386-1	NYC 4-4-0 EMPIRE STATE EXP W/PS2 (70"HRW) MSRP 699.95 M9V2	473
M20-3407-1	ENGINEERING EDITN 4-8-2 L4A MOHAWK PS2.0 MSRP 1099.95 DAP10	765
M20-3435-1	SANTA FE 4-6-4 BLUE GOOSE HUDSON STM W/PS3 HRW 1099.95 M11V1	849
M20-3435-2	SANTA FE 4-6-4 BLUE GOOSE HUDSON STM W/PS3 SW 1099.95 M11V1	849
M20-3459-1E	PENNSYLVANIA J-1 2-10-4 STEAM ENGINE W/PS3 (FROM DAP SET)	810
M20-3467-1	PA K4s METROPOLITAN DELUXE STM PASS SET W/PS3 999.95 M11V2	720
M20-3468-1	PA K4s RED ARROW DELUXE STM PASS SET W/PS3 999.95 M11V2	720
M20-3469-1	PA 4-6-2 K-4s STM ENGINE W/PS3 (HRW) MSRP 899.95 M14V2	720
M20-3471-1	PA 4-6-2 K-4s STM ENGINE W/PS3 (HRW) MSRP 899.95 M11V2	720
M20-3472-1	PA 4-6-2 K-4s MODERN 1947 STM W/PS3 (HRW) MSRP 899.95 M11V2	720

M20-3482-1	PENNSYLVANIA K-4 STREAMLINED PASS SET W/PS3 999.95 M14V2	720
M20-3485-1	SOUTHERN PACIFIC 4-8-4 GS-4 STM W/PS3 HRW 1099.95 M13V2	882
M20-3490-1	NOISY LE SEC 141P MIKADO STM W/PS3 HRW 1299.95 M15V2 07/15	990
M20-3515-1	NORFOLK & WESTERN 2-8-8-2 Y-3 FGT SET W/SP3 1649.95 M14V2	1,215
M20-3516-1	PENNSYLVANIA 2-8-8-2 Y-3 FGT SET W/PS3 1649.95 M14V2 09/14	1,215
M20-3518-1	PA 4-4-4-4 T-1 DUPLEX STEAM PS3.0 (HIRL) MSRP 1399.95 M15V2	1,080
M20-3519-1	PA T-1 FLEET OF MODERNISM PSET PS3.0 MSRP 1549.95 M15V1	1,170
M20-3520-1	PA T-1 EXPRESS MAIL FT SET MSRP 1549.95 M15V1 6/15	1,170
M20-3532-1	UP FEF 4-8-4 NORTHERN STM W/PS3 (HRW) 1199.95 M14V2	855
M20-3535-1	UP FEF NORTHERN STRML PASS SET PS3 1349.95 M14V2	1,080
M20-3536-1	UP FEF NORTHERN EXPRESS REEFER SET PS3 1349.95 M14V2	1,080
M20-3558	UNION PACIFIC AUXILIARY WATER TENDER (HRW) 249.95 M1	198
M20-3574-1	NORFOLK WESTN 4-8-4 JCLASS SPEC PASS SET PS3 1349.95 M15V2	1,080
M20-3577-1	UP 4-8-8-4 BIG BOY STEAM PS3 HRW MSRP 1599.95 M15V2 10/15	1,260
M20-3578-1	UP 4-8-8-4 BIG BOY SPEC FRT SET PS3.0 MSRP 1749.95 M15V1	1,395
M20-3578-1E	UP #4000 4-8-8-4 BIGBOY W/PS3 - FROM M20-3578-1 SET M15V1	1,215
M20-3584-1	NYC STREAMLINED PASS SET PS3.0 MSRP 1349.95 M15V1	1,080
M20-3585-1	NYC 4-6-4 J-1e FREIGHT SET MSRP 1349.95 M15V1 3/15	1,080
M20-3591-1	B&O 4-4-0 AMERICAN STM PS3 86"HRW 799.95 M15V2	621
M20-3593-1	NYC EMPIRE STATE EXPRESS PASS SET PS3 999.95 M15V2 03/15	720
M20-3595-1	STRASBURG 4-4-0 AMERICAN STM PS3 HRW MSRP 799.95 M15V2 10/15 621	621
M20-3596-1	PA 4-4-0 AMERICAN STM W/PS3 HRW MSRP 799.95 M15V2 10/15	621
M20-3602-1	MILWAUKEE RD 4-6-2 USRA HEAVY PACIFIC STM PS3 1099.95 M15V2	810
M20-3605-1	WESTERN MD 4-6-2 USRA HEAVY PACIFIC STM PS3 1099.95 M15V2	810
M20-3615-1	N&W 2-6-6-4 CLASS A W/TIMKIN SIDE RODS PS3 HRW 1499.95 M15V2	1,215
M20-3623-1	PA 4-4-2 ATLANTIC STM W/PS3 HRW MSRP 899.95 M16V1 03/16	720
M20-3633-1	WESTERN MD 2-10-0 RUSSIAN DECAPOD STM PS3 HRW 999.95 M16V1	810
M20-3652-1	NP 4-6-6-4 Z-6 CHALLENGER W/PS3 MSRP 1499.95 M16V1 7/16	1,170
M20-3655-1	SOUTHERN 2-8-2 USRA LIGHT MIKADO STM PS3 HRW 1099.95 M16V1	873
M20-3659-1	LONG ISLAND 4-6-0 G-5s STM W/PS3 HRW MSRP 999.95 M16V2 11/16	774
M20-3677-1	C&O 4-8-4 GREENBRIER STM W/PS3 HRW MSRP 1199.95 M16V2 01/17	945
M20-3678-1	CHESSIE 4-8-4 GREENBRIER STM W/PS3 (HRW) 1199.99 M16V2 01/17	945
M20-3679-1	CHESSIE 4-8-4 GREENBRIER STM W/PS3 HRW 1199.95 M16V2 01/17	945
M20-3685	CHESSIE AUXILIARY DIE-CAST WATER TENDER II HRW 249.95 M16V2	198
M20-3686	CHESSIE AUX. D.C.SAFETY TRAIN WATER TENDER II HRW 249.95 M16	198
M20-3705-1	PERE MARQUETTE 0-8-0 USRA STEAM W/PS3 HRW 799.95 3/17 M17V1	666
M20-3706-1	NORFOLK WESTRN 0-8-0 USRA STEAM W/PS3 HRW 799.95 3/17 M17V1	666
M20-5637-1	TUSCAN CROCODILE ENG W/PS3 (HI) MSRP 899.95 M12V2	657
M20-5637-2	TUSCAN CROCODILE ENG W/PS3 (SCALE) MSRP 899.95 M12V2	630
M20-5639-1	PENNSYLVANIA GG-1 ELECTRIC GREEN W/PS3 MSRP 799.95 M13V1	585
M20-5643-1	PA GG-1 ELEC W/PS3 MSRP 799.95 M13V1	540
M20-80002A	SANTA FE CLEAR BODY F-3 DIESEL SET (QSI)	450
M20-80002H	DAP 2000 PCC ELECTRIC STREET CAR	135

Item Number	RAILKING ENGINES	OUR PRICE
M30-1590-1	GEORGE WASHINGTON 4-6-0 TEN WHEELER W/PS3 \$449.95	270
M30-1659-1	PA 0-6-0 IMPERIAL USRA STM SWITCHER W/PS3 429.95 M15V1	315
M30-1670-1E	UP 4-4-0 GOLDEN SPIKE FROM PASS SET W/PS3 629.95 M15V1	315
M30-1683-1	MILWA RD 4-6-4 IMPERIAL HIAWATHA HUDSON STM PS3 459.95 M15V2	369
M30-1695-1	SANTA FE 4-6-4 IMPERIAL STMLINED HUDSON STM PS3 459.95 M15V2	351
M30-1696-1	SOUTHERN 4-6-4 IMPERIAL STMLINED HUDSON STM PS3 459.95 M15V2	360
M30-1702-1	CHICAGO NWN 4-6-2 CRUS STEAM ENG 617 MSRP 459.95 M17V1 2/17	360
M30-1703-1	HALLOWEEN 4-6-2 CRUS STEAM ENG PS3 1031 MSRP 459.95 M17V1	351
M30-1705-1	SO PA 4-6-2 49ER STEAM ENG PS3 2492 MSRP 459.95 M17V1 4/17	360
M30-1727-1	CHRISTMAS 4-4-0 GENERAL STEAM W/PS3.0 449.95 12/17 M17RTR	360
M30-20127-1	PENNSYLVANIA ALCO PA AA DIESEL SET W/PS3 399.95 M12V2	261
M30-20282-1	NORFOLK SO. ABA DIESEL SET W/PS3.0 MSRP 549.95 M15V1	371
M30-20289-1	MARYLAND MIDLAND SD-45 DIESEL W/PS3 329.95 M15V2 11/15	252
M30-20301-1	AMTRAK RDC BUDD CAR SET W/PS3 MSRP 399.95 M15V2	306
M30-20301-3	AMTRAK RDC BUDD CAR 2-CAR ADD-ON-SET MSRP 179.95 M15V2	138
M30-20315-1	G.E. EVOLUTION ES44AC IMPERIAL DIESEL PS3 349.95 M15V2 10/15	268
M30-20361-1	N. S.(FIRST RESP) SD70ACe IMPERIAL DIESEL/CABOOSE W/PS3 399.95	329
M30-20362-1	N. S.(VETERANS)SD70ACe IMPERIAL DIESEL/CABOOSE W/PS3 399.95	329
M30-20383-1	GENESSEE & WYOMING RS-1 PS3 ALCO MSRP \$329.95	269
M30-20384-1	ILLINOIS TERMINAL ALCO Rs-1 DIESEL W/PS3 329.95 M16V2 12/16	269
M30-20412-1	GE NEXT FUEL ES44AC IMP DIE ENG PS3 3000 MSRP 339.95 M17V1	270
M30-20420-1	CSX SD-45 DIE ENG PS3 8973 MSRP 339.95 M17V1 6/17	270
M30-20423-1	AMTRAK GENESIS DIE ENG PS3 713 MSRP 329.95 M17V1 6/17	265
M30-20427-1	METRO TRANS QTYPE 3CAR SUBWAY SET PS3 MSRP 439.95 M17V1 5/17	351
M30-20430-1	CHRISTMAS ES44AC IMPDIESEL&CABOOSE PS3 399.95 10/17 M17RTR	329
M30-20431-1	NOR SO.(ECO) ES44AC IMPDIESEL&CABOOSE PS3 399.95 10/17 M17RTR	329
M30-20432-1	NOR SO.(BLUE). ES44AC IMPDIESEL&CABOOSE PS3 399.95 10/17 M17RTR329	329
M30-20433-1	FREEDOM ES44AC IMPDIESEL&CABOOSE PS3 399.95 10/17 M17RTR	329
M30-20434-1	NO. SO.(BLK) ES44AC IMPDIESEL&CABOOSE PS3 399.95 10/17 M17RTR	329
M30-2477-3	CHICAGO 2-CAR 3200 SERIES SUBWAY ADD-ON (NON-PWR)	135
M30-2480-3	CHICAGO YELLOW BOOK 2-CAR 3200 SERIES ADD-ON (NON-PWR)	225
M30-2504-1	PCC SAN FRANCISCO W/PROSND	108
M30-2448-1	METROPOLITAN LO-V 4-CAR SUBWAY SET W/PS2 MSRP 399.95	199
M30-2573	CHRISTMAS OPERATING HAND CAR MSRP 69.95 M16RTR 10/16	46
M30-2643-1	WESTERN MD. VO 1000 W/PS 2.0	207
M30-2836-1	ONTARIO NORTHLAND E-8 AA DIESEL SET W/PS 2.0 349.95 M10V1	270
M30-2849-1	CATERPILLAR F-3 ABA DIESEL ENGINE W/PS2 MSRP 499.95 M10V1	432

LIONEL STD. TIN-PLATE ENGINES AVAILABLE AT SIDEHOBBIES.COM

Colorful NEW HAVEN R.R. "Hot Shot" Freight

No. 4945 two unit (A-A) Diesel Locomotive with twin worm-drive Motors, Diesel Roar and built-in Electronic Horn, may be purchased separately. Has New York, New Haven and Hartford Railroad markings. 24" long.



The hometown New Haven RR grabbed attention from American Flyer enthusiasts in 1956, when the A.C. Gilbert Co. introduced an Alco PA-PA duo in the black, orange, and white scheme. The S gauge diesels led freight and passenger sets between 1956 and '58.

New Haven love affair

By Mark Suek

No one could blame the A.C. Gilbert Co. in the postwar era for including in its American Flyer line some S gauge locomotives and rolling stock decorated for the New York, New Haven & Hartford RR. After all, the New Haven's Shore Line Division ran right behind the Gilbert plant in New Haven, Conn., where S gauge trains and accessories were being manufactured and shipped.

Yes, engineering and marketing leaders at the Gilbert Co. did a little "home cooking," although not as much as Flyer collectors and operators might think. Then too, the New Haven, established in 1872, was one of the major railways in the Northeast, operating 2,133 miles of track and dominating rail traffic between Boston and New York City. It sported interesting color schemes and a great logo.

American Flyer steam, diesel, and electric-profile locomotives decorated for the New Haven during the postwar period, despite not being plentiful in variety,

deserve attention. Each engine had a stately, almost elegant quality that really causes it to stand out half a century later.

Waiting for the right engines

Surprisingly in light of Gilbert's proximity to the New Haven's double-track main line, the toy firm did not issue its first New Haven locomotive until 1953, the eighth year of S gauge production. It never offered any type of NH locomotive with link couplers.

Don't assume the New Haven RR had been ignored by Gilbert executives to that

point. After all, as George Hoffer pointed out in the July 2011 issue of *Classic Toy Trains*, several of the passenger sets added to the American

Flyer line in the late 1940s and early '50s, came with S gauge replicas of heavyweight cars on the New Haven roster. Green and red coaches and baggage cars came lettered for the New Haven.

The handsome models, equipped with link couplers as the nos. 650 and 651 from 1946 through 1953, made for impressive trains. Yet for virtually that entire period (right until 1953), Gilbert paired the NH cars with combinations of steam engines and tenders decorated for, among other prototype lines, the New York Central and the Pennsylvania RR.

GREAT S GAUGE LOCOMOTIVES WORE THE NAME OF GILBERT'S HOMETOWN RAILROAD

AMERICAN FLYER New Haven "MAINLINER" Electric Freight

Now Longer and Bigger than ever, with 9 Colorful Cars!

Headed by America's Most Powerful Electric Locomotive!



PANTOGRAPHS RAISE AND LOWER!

No. 20455
\$54.95

No. 21572
NEW HAVEN R.R. ELECTRIC LOCOMOTIVE, with Full New Power, remote control, headlight and pantograph, that raise and lower, may be purchased separately. Also included with Mainliner freight train, \$39.95.

FULL THROTTLE at the GRADE CROSSING!

Thundering along the mainline, can't hold out behind, the speedy "Mainliner" makes up time on the afternoon fast freight run. As the mighty locomotive approaches the crossing, the American Flyer Highway Flasher (page 41) blinks its warning light and the Crossing Gate lowers, bell clanging (see page 41). These accessories not included with train set.



No. 20455 "MAINLINER" ELECTRIC FREIGHT

You'll never see it faster, more colorful and up-to-the-minute freight drag than the New Haven R.R. heavy, powered by the famous black, orange & white G.E. electric locomotive that excites countless miniature fans. Striding off behind the rapid workhorse locomotive are 9 versatile freight cars, each with a scale model copy of rolling stock seen on America's high iron. There's a lot of reloading action in this set. Not one of the cars can be loaded and unloaded through sliding doors, while the Genshies car carries red, red or similar cargo. All cars and locomotive assemble electrically by remote control.

The "MAINLINER" Electric Freight Set measures 7 ft., 8 1/2 in. long.

NEW HAVEN "MAINLINER" FREIGHT INCLUDES:

	LIST PRICE
New Haven Electric Locomotive	\$29.95
Union Pacific Coal Car	5.95
Southern Gondola	4.95
Central of Georgia Box Car	5.95
C. & O. Coal Car	4.95
S. & O. Box Car	5.95
Delaware Gulf Tank Car	5.95
Great Northern R.R. Box Car	4.95
New Haven R.R. Box Car	5.95
New York Western Caboose, blank	5.95
Electric Unmanned	5.95
12 in. Curved Track @ 20°	5.00
4 in. Straight Track @ 30°	1.80
18 Track Laid @ 30°	.24
Track Turnout	.25
Total, if purchased separately	\$97.19
TRAIN SET PRICE, COMPLETE	\$54.95

Also making its debut in 1956 was Gilbert's replica of the New Haven EP-5 electric. S gauge models of the impressive locomotive developed by General Electric remained key members of the cataloged American Flyer line all the way through 1959.

Breaking through in 1953

The year 1953 saw Gilbert pay more attention to the railroad dominating its hometown. Making its debut was the sole steam engine placed in the American Flyer line lettered for the New Haven. It had a 4-6-2 wheel arrangement and turned out to be one of the finest steamers coming out of Erector Square in the 1950s.

The no. 293, which Gilbert cataloged between 1953 and '58, featured a black-painted die-cast metal boiler with white side stripes. It came with a plastic tender having "American Flyer Lines" and "The New York, New Haven and Hartford Railroad Co." in fanciful letters.

Other details distinguishing the 293 included a four-position reverse unit, a

simulated mechanical coal stoker atop the tender, a smoke mechanism, a working headlight, and knuckle couplers.

Additional features led Gilbert to differentiate two later New Haven Pacifics.

First in 1955 came the no. 296, which was given an air-chime whistle. Oddly, that deluxe model was not described or illustrated in the American Flyer consumer catalog for 1955.

Second in 1958 came the no. 21099, the only New Haven steamer ever cataloged with a five-digit number. In terms of features, it closely resembled the 296. A New Haven steam engine numbered 21095 appeared in the catalog for 1957, but was never produced.

Meteor sets

The Gilbert Co. made good use of the various New Haven Pacifics. Planners made it available for separate sale at \$28.50. The price fell to \$25 in 1955, only to increase to \$39.95 in 1958.

The New Haven Pacific also served as the motive power for several solid train sets. All of them were given the name Meteor, whether they came packed with freight cars or passenger equipment.

The parade of sets began in 1953 with a four-car heavyweight train (no. K5328) and a six-car freight (no. K5329). They returned the next year, updated to include a no. 4B 100-watt transformer.

Gilbert cataloged only one set with a New Haven Pacific in 1955 and '56. The no. 5525TBW New Meteor Freight came with four pieces of rolling stock. Its successor, the no. 5630TBW, offered three different freight cars (only the no. 916 Delaware & Hudson gondola carried over).

The final two versions of the Meteor gave buyers a nice assortment of freight cars. The no. 20330 for 1957 differed from the set available a year before in its caboose. In place of the no. 904 non-illuminated model, planners of the line went with a no. 930 caboose with a light.



The no. 499 New Haven EP-5 electric had two operating pantographs, operating headlights at each end, a four-position reverse unit, and an electronic whistle.



AMERICAN FLYER

The "Meteor" Freight

with Pull-Mor Power • 50-Watt Transformer • Billboard Whistle

✓ 48 Inch Train with

NO. 20330
\$44.95
COMPLETE

LOCOMOTIVE
\$29.00
IF PURCHASED
SEPARATELY

Real Puffing Smoke and Choo-Choos!

2-RAIL
1" TRACK

NO. 20330 AMERICAN FLYER FREIGHT SET

The sole steam engine and tender combination bearing the New Haven name and herald was a 4-6-2 Pacific (introduced in 1953). That New Haven boxcar plus other freight cars decorated for the railroad will be soon be covered in *Classic Toy Trains*.

In 1958, the no. 20435 Meteor came with four different cars, notably an action caboose. That set served as the Collectible Classic in the January 2018 issue of CTT.

Diesel locomotives

Overshadowing the New Haven Pacifics after 1955 were the striking diesel and electric locomotives decked out in the railroad's black, orange, and white scheme. Every S gauge enthusiast seemed to want one of them, no matter how far he or she lived from the New Haven's route.

Diesels entered the Flyer line in 1956, making a splash as the nos. 494 and 495 (also known as the no. 494/95 or no. 4945) Alco PA units. Both the powered 494 and unpowered 495 had the NH's modernistic logo and "Built by Gilbert" on their flanks. Mechanically, the diesels came with two motors, working headlights, an electronic horn, and "Diesel Roar."

The next year, a single New Haven PA arrived as the no. 497. It was similar to the 494, but close inspection revealed black rather than white number boards. Also,

the lettering was thinner and more widely spaced than before. Some 497s came in boxes numbered 21560.

A third Alco PA joined the New Haven fleet in 1957 and '58 as the no. 21561. It had only one motor, and its decoration was something of a combination of the 494/495 pair and the 497. A true rarity among Gilbert's postwar Flyer diesels was a 21561 with glossy black paint and two pins attaching the metal steps to the sides of the locomotive.

The New Haven PA diesel units pulled



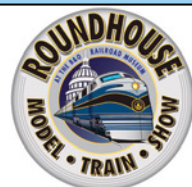
Buy Tickets Online Now and Save Money!
www.TrainShow.com

FOR INFO OR TO EXHIBIT AT A SHOW CONTACT:
280 Carlton Drive, Carol Stream, IL 60188
(630)-290-1962 • Info@TrainShow.com

GREAT TRAIN SHOWS Quality Train Shows Coast To Coast Sat & Sun 10am - 4pm <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>December 2-3 • Fort Wayne, IN Allen County War Memorial Coliseum</td></tr> <tr><td>December 30-31 • Grayslake, IL Lake County Fairgrounds</td></tr> <tr><td>January 6-7 • Council Bluffs, IA Mid America Center</td></tr> <tr><td>January 6-7 • Sacramento, CA Cal Expo</td></tr> <tr><td>January 13-14 • Columbus, OH Ohio Expo Center</td></tr> <tr><td>January 20-21 • Louisville, KY Kentucky Exposition Center</td></tr> <tr><td>January 20-21 • Puyallup, WA Western Washington Fairgrounds</td></tr> <tr><td>January 27-28 • Saint Charles, MO Saint Charles Convention Center</td></tr> <tr><td>January 27-28 • Portland, OR Portland Expo Center</td></tr> <tr><td>February 3-4 • Indianapolis, IN Indiana State Fairgrounds</td></tr> <tr><td>February 3-4 • Costa Mesa, CA Orange County Fairgrounds</td></tr> <tr><td>February 10-11 • Tulsa, OK Expo Square</td></tr> <tr><td>February 24-25 • Novi, MI Suburban Collection Showplace</td></tr> <tr><td>March 10-11 • San Jose, CA Santa Clara County Fairgrounds</td></tr> </table>	December 2-3 • Fort Wayne, IN Allen County War Memorial Coliseum	December 30-31 • Grayslake, IL Lake County Fairgrounds	January 6-7 • Council Bluffs, IA Mid America Center	January 6-7 • Sacramento, CA Cal Expo	January 13-14 • Columbus, OH Ohio Expo Center	January 20-21 • Louisville, KY Kentucky Exposition Center	January 20-21 • Puyallup, WA Western Washington Fairgrounds	January 27-28 • Saint Charles, MO Saint Charles Convention Center	January 27-28 • Portland, OR Portland Expo Center	February 3-4 • Indianapolis, IN Indiana State Fairgrounds	February 3-4 • Costa Mesa, CA Orange County Fairgrounds	February 10-11 • Tulsa, OK Expo Square	February 24-25 • Novi, MI Suburban Collection Showplace	March 10-11 • San Jose, CA Santa Clara County Fairgrounds	WORLD'S GREATEST HOBBY ON TOUR 200 Booths of Manufacturers & Retailers! Huge Riding Train For Kids—FREE! HUGE Operating Model Railroads! Demos, Seminars, New Products and Much More! See These Major Manufacturers:       <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Jan. 6-7, 2018 • Monroeville, PA</td><td>Monroeville Convention Center</td></tr> <tr><td>Jan. 13-14, 2018 • Charlotte, NC</td><td>Park Expo & Conf. Center</td></tr> <tr><td>Feb. 3-4, 2018 • Houston, TX</td><td>NRG Park Arena</td></tr> <tr><td>Mar. 10-11, 2018 • Edison, NJ</td><td>New Jersey Expo Center</td></tr> </table> DuPage County Fairgrounds 9am-3pm County Farm & Manchester, Wheaton, IL 60187 Largest Monthly Train Show in the US <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Dec 10</td> <td>Jan 14</td> <td>Feb 11</td> </tr> <tr> <td>Mar 11</td> <td>Apr 8</td> <td>May 6</td> </tr> </table>	Jan. 6-7, 2018 • Monroeville, PA	Monroeville Convention Center	Jan. 13-14, 2018 • Charlotte, NC	Park Expo & Conf. Center	Feb. 3-4, 2018 • Houston, TX	NRG Park Arena	Mar. 10-11, 2018 • Edison, NJ	New Jersey Expo Center	Dec 10	Jan 14	Feb 11	Mar 11	Apr 8	May 6	Greenberg Shows America's Premier Train & Toy Show Sat & Sun 10am - 4pm <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>December 2-3 • Timonium, MD Maryland State Fairgrounds</td></tr> <tr><td>December 9-10 • Lebanon, PA Lebanon Valley Expo Center</td></tr> <tr><td>December 16-17 • Chantilly, VA Dulles Expo Center</td></tr> <tr><td>December 30-31 • Edison, NJ New Jersey Expo Center</td></tr> <tr><td>January 6-7 • Hanover, MA Hanover Mall Exhibit Center</td></tr> <tr><td>January 13-14 • Oaks, PA Greater Philadelphia Expo Center</td></tr> <tr><td>January 20-21 • Richmond, VA Richmond Raceway Complex</td></tr> <tr><td>February 10-11 • York, PA York Expo Center</td></tr> <tr><td>February 17-18 • Wilmington, DE Chase Center on the Riverfront</td></tr> <tr><td>February 24-25 • Fredericksburg, VA Fredericksburg Expo Center</td></tr> <tr><td>March 3-4 • Rochester, NY Rochester Dome Arena</td></tr> <tr><td>March 17-18 • Wilmington, MA Shriner's Auditorium</td></tr> <tr><td>March 24-25 • Hampton, VA Hampton Roads Convention Center</td></tr> </table>	December 2-3 • Timonium, MD Maryland State Fairgrounds	December 9-10 • Lebanon, PA Lebanon Valley Expo Center	December 16-17 • Chantilly, VA Dulles Expo Center	December 30-31 • Edison, NJ New Jersey Expo Center	January 6-7 • Hanover, MA Hanover Mall Exhibit Center	January 13-14 • Oaks, PA Greater Philadelphia Expo Center	January 20-21 • Richmond, VA Richmond Raceway Complex	February 10-11 • York, PA York Expo Center	February 17-18 • Wilmington, DE Chase Center on the Riverfront	February 24-25 • Fredericksburg, VA Fredericksburg Expo Center	March 3-4 • Rochester, NY Rochester Dome Arena	March 17-18 • Wilmington, MA Shriner's Auditorium	March 24-25 • Hampton, VA Hampton Roads Convention Center
December 2-3 • Fort Wayne, IN Allen County War Memorial Coliseum																																											
December 30-31 • Grayslake, IL Lake County Fairgrounds																																											
January 6-7 • Council Bluffs, IA Mid America Center																																											
January 6-7 • Sacramento, CA Cal Expo																																											
January 13-14 • Columbus, OH Ohio Expo Center																																											
January 20-21 • Louisville, KY Kentucky Exposition Center																																											
January 20-21 • Puyallup, WA Western Washington Fairgrounds																																											
January 27-28 • Saint Charles, MO Saint Charles Convention Center																																											
January 27-28 • Portland, OR Portland Expo Center																																											
February 3-4 • Indianapolis, IN Indiana State Fairgrounds																																											
February 3-4 • Costa Mesa, CA Orange County Fairgrounds																																											
February 10-11 • Tulsa, OK Expo Square																																											
February 24-25 • Novi, MI Suburban Collection Showplace																																											
March 10-11 • San Jose, CA Santa Clara County Fairgrounds																																											
Jan. 6-7, 2018 • Monroeville, PA	Monroeville Convention Center																																										
Jan. 13-14, 2018 • Charlotte, NC	Park Expo & Conf. Center																																										
Feb. 3-4, 2018 • Houston, TX	NRG Park Arena																																										
Mar. 10-11, 2018 • Edison, NJ	New Jersey Expo Center																																										
Dec 10	Jan 14	Feb 11																																									
Mar 11	Apr 8	May 6																																									
December 2-3 • Timonium, MD Maryland State Fairgrounds																																											
December 9-10 • Lebanon, PA Lebanon Valley Expo Center																																											
December 16-17 • Chantilly, VA Dulles Expo Center																																											
December 30-31 • Edison, NJ New Jersey Expo Center																																											
January 6-7 • Hanover, MA Hanover Mall Exhibit Center																																											
January 13-14 • Oaks, PA Greater Philadelphia Expo Center																																											
January 20-21 • Richmond, VA Richmond Raceway Complex																																											
February 10-11 • York, PA York Expo Center																																											
February 17-18 • Wilmington, DE Chase Center on the Riverfront																																											
February 24-25 • Fredericksburg, VA Fredericksburg Expo Center																																											
March 3-4 • Rochester, NY Rochester Dome Arena																																											
March 17-18 • Wilmington, MA Shriner's Auditorium																																											
March 24-25 • Hampton, VA Hampton Roads Convention Center																																											

THE GREAT TEXAS TRAIN SHOW
FUN, SMILING FACES & FREE ADMISSION

Lewisville, Texas
Premier Events Center
December 9-10, February 17-18
FREE Admission For All with
Coupon at TrainShow.com



Baltimore, MD
B&O Railroad Museum
March 3-4
Model Train Show **FREE**
With Museum Ticket

HAVE TRAINS TO SELL? CALL 630-290-1962

three sets: the nos 5675TRH Hot Shot (1956), 5670TRH Clipper (1956), and 20430 New Clipper (1957).

Electrics

As for electric-profile locomotives, the only units offered by Gilbert in S gauge were New Havens, beginning in 1956. They were models of General Electric EP-5s (known as "jets" or "rectifiers") and could be operated from traditional track power or via overhead catenary receiving "juice" through a pantograph.

Interestingly, Gilbert introduced the no. 499 New Haven EP-5 only a year after the full-size prototypes began plying the rails in the northeastern U.S. Gilbert's model had one motor, a four-position reverse unit, working headlights, and knuckle couplers. True to the prototype, the American Flyer EP-5 came equipped with a whistle rather than a horn.

In 1957, some 499 New Haven engines were packaged in boxes labeled 21570.

The New Haven EP-5 returned to the Flyer roster in 1958, but with a five-digit number (21573). In addition, the whistle had been removed.



The Gilbert Co. first used the name of the hometown New Haven RR on heavyweight passenger cars new in 1946.

One more fact worth knowing. The models assigned to the nos. 20435 New Haven Mainline Electric Freight set in 1957 and 20455 New Haven Mainliner in 1958 were painted a glossy finish. By contrast, the electrics used as the motive power for the nos. 20520 Bankers passenger set cataloged for 1959 had a dull finish.

All worth owning

All the American Flyer steam, diesel, and electric locomotives connected to the New Haven RR remain desirable pieces for any S gauge enthusiast to pursue. Values for examples in excellent condition make them worthwhile if only somewhat challenging models to acquire. **CT**



SWITCHES & TRACK

for all 3 Rail O Gauge & O27 Trains

Demand them from your dealer or call us direct!

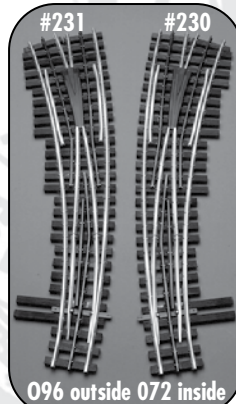
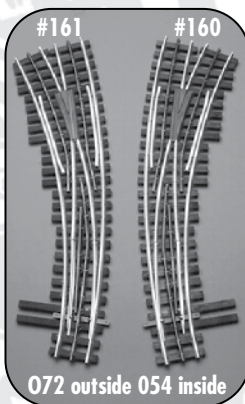
Visit us at: www.rossswitches.com

A sampling of some of our neat curved switches.

All now available remote control ready to run!

**Featuring
ALL WOOD TIES
and STEEL RAIL!**

*All RCS Products
are Proudly Hand
Made in the USA*



New

#240RH #241LH curved
O120 outside curve
O96 inside curve
#150RH #151LH curved
O54 outside curve
O31 inside curve

Not Shown

ROSS CUSTOM SWITCHES

1-800-331-1395 CALL FOR FREE COLOR CATALOG





PHOTO 1. The ingredients of Bob McLoughlin's colorful cliff and lake scene include foam hobby board, figures and details, paints and chalks, foliage and boats – plus one happy accident!

ACCIDENTAL SCENERY

A “senior moment”
made all the
difference

Story and photos by Bob McLoughlin with Candy Schrock

You might call it a train enthusiast's dream come true! I have collected O gauge toy trains since I was four. I have added to them throughout the years until my layout now fills my large basement.

I've worked on creating a variety of realistic and scale-

appropriate scenes including an airport, a space saucer with crop circles and aliens, a sea-side resort, and a haunted house complete with a flying witch and Bigfoot among many, many others.

Looking over my layout, I decided my next scene would be vertical cliffs with a water drainage pipe and

a mountain lake with boats, a dock, and fishermen.

I planned out my method of attack, never dreaming that

a moment of forgetfulness, a “senior moment” perhaps, would work to my advantage and result in the life-like cliffs shown in **Photo 1**. Here is how I did it.

The cliffs

I wanted my cliffs to look solid at the base and taper into crags at the top.





WHAT YOU'LL NEED

- Gray latex paint
- Hot-glue gun
- Prang watercolor set
- Rust-Oleum no. 249114 blue and no. 249088 gray spray paints
- Sargent no. 22-6088 liquid watercolor
- Sharp hobby knife
- Woodland Scenics no. ST1419 Foam



PHOTO 2. Solvents in the spray paint the author used partially melted the surface of the foam hobby board, suggesting the effect of erosion. Latex paints and watercolors completed the job.

I used a hot-glue gun to sandwich two pieces of Woodland Scenics no. ST1419 Foam front-to-front, with the rear piece standing about one-third higher than the front. I glued the cliff to the layout and then broke and cut off pieces of the foam until I had a jagged look along the top edge. Finally, using a sharp hobby knife, I carved horizontal strata.

Next I applied an inexpensive flat, medium gray latex paint to serve as the base color, being careful to cover all the cracks and crevices.

Now this is where my senior moment led to my realistic cliffs. I needed a second cliff, and painting it with a brush would take too long. So I used Rust-Oleum no. 249088 Painter's Touch Flat Gray Primer for the base coat. I immediately realized my mistake: Solvents in some paints melt foam board!

However, after I got over the frustration of "ruining" my cliffs, I looked at them more closely. As **Photo 2** shows, the resulting pitted appearance is

actually a faithful representation of cliffs with crevices, precipices, and a craggy and eroded look. Delighted my senior moment had led to success, I carried on painting.

I mixed light gray and tan latex paints and brushed it on, blending it in as I worked my way along the cliffs.

I added the brown tones using Sargent no. 22-6088 washable liquid watercolor. I added touches of color, varying the amount of paint until I had just the effect I wanted.

I worked Prang black and green watercolors (available in sets of dried cakes from art supply retailers) deep into the recesses. Next I brushed on Prang orange and red tones to serve as highlights.

Finally, I dry-brushed flat white latex on the edges.

Water scene

The realistic mountain lake

is easy to make. I used acoustic ceiling tile for the base, cut it to shape and size, and attached everything with white glue.

I painted the base with Rust-Oleum no. 249114 Painters Touch Ultra Cover 2X Gloss Deep Blue to give a deep-water look to the lake. While there are many commercial water products on the market, this method is a no-hassle way to model water.

I formed the rippled water surface using GE no. 22608 Max3500 clear acrylic caulk. I applied it with an inexpensive disposable 1½-inch brush to create waves.

Be sure to use a light touch. If you are not happy with the result, simply dip the brush in water and smooth out the surface and start over. The caulking goes on white, which allows you to see the texture as you work. It dries to a clear, gloss finish in a few days.

Once my lake had cured, I

highlighted the waves and ripples by dry-brushing on dabs of flat, white latex paint.

Drainage pipe

The drainage pipe (**Photo 2**) was fun to make and added a nice detail to my scene. I used a short piece of ½-inch brass tubing, which I pressed into the cliff material. You can leave a square patch of the cliffs unpainted to resemble concrete if you wish.

To create the appearance of water flowing from the pipe, I used a length of Ace no. 90701 ¾-inch strapping tape, which I glued to the bottom of the pipe and then to the base.

I used a disposable brush to apply a thin layer of caulking to the tape. When this had cured, I dribbled Minwax no. 63000 gloss polyurethane mixed with Minwax no. 70012 walnut stain on the strapping tape. I repeated this process until I had the desired result.

I formed the mist at the base by pulling apart a cotton ball and gluing it in place with Hob-E-Tac no. S195 adhesive.

I added the foliage, dock, boat, and figures from Woodland Scenics (www.woodland-scenics.com). Arttista made the kayak and figure, bird, and fish (www.arttista.com).

Finally, step back and enjoy the realism and interest your new mountain lake adds to your layout. **CTT**

Delighted my senior moment had led to success, I carried on painting.



1 Amtrak trains stopping at Las Vegas Union Pacific station highlight activities on the realistic O gauge layout Bob and Pat Canfield built in their home. They previously ran their three-rail trains on an outdoor display.

AN INSIDE PATH

Story and photos by Bob and Pat Canfield

BOB AND PAT CANFIELD LEFT THEIR BACKYARD TO BUILD A GREAT LAYOUT

You've heard all about modelers who kept building bigger and bigger layouts at home? We did something different. My wife and I went from operating a large three-rail display in our backyard to constructing one indoors. Not until we moved to our current home several years ago did we have enough space to create an O gauge railroad inside.

Not my first love

The two of us became interested in O gauge railroading well past middle age. To be fair, I had played with a Marx Santa Fe set while growing up in southern California during the 1940s and later dabbled with HO modeling. But flying was my real passion as a teenager. I learned to handle a sailplane at an early age, thanks to my dad, who was an avid pilot.



FOR O GAUGE



Then life got in the way of hobbies. I served in the U.S. Marine Corps and later joined the Los Angeles Police Department. I raised a family with my first wife. Later, after marrying Pat, we retired and began looking for a new home to spend more time with our grandkids.

Enjoying a new generation meant operating an electric train on a loop of track

set up under the Christmas tree. For 2004, I bought a Lionel Polar Express set, which everyone in our blended family liked. The pleasure of watching kids play with trains inspired me to expand the O gauge roster.

Even though model railroading had not been my first love as a boy or my hobby of choice as an adult, I found it perfect now that I was in retirement.

Very soon Pat and I were buying new and used locomotives and cars from retail stores and over the Internet. Models by K-Line impressed us, so we picked up some of the highly detailed and scale-sized engines equipped with Lionel's TrainMaster Command Control and RailSounds. Liking what we had acquired, conversations turned with seriousness to finally building a layout.



2 The 15½ x 21½-foot B&P South-Western RR features spacious main lines on two levels to accommodate the biggest engines and longest trains the Canfields run. Try to count all the passenger cars being pulled by the Union Pacific diesels on the inner line.



3 Bob and Pat are proud of the intricate trackwork they installed using sections from Atlas O and turnouts from Ross Custom Switches. Now they watch trains journey over them without a hitch.

No room, we thought

Ten years ago, right after Pat and I had retired and wanted a big O gauge railroad, we realized our new house did not have sufficient space indoors for it. I thought about constructing a shelf-type layout around the walls of the garage. Or maybe building modules we could connect.

Pat's sister said, "Why don't the two of

you build it in the backyard?" I replied that constructing and operating an O gauge layout outside was problematic. Pat, being wiser, quietly turned to me and asked, "Why don't we build it there?"

After doing research about garden railroading and talking with O gauge modelers who ran their trains outside, we agreed to start what we named the B&P (guess where the initials came from?) Garden Railroad.

The project took three years, and we learned a lot from the ups and downs of construction and operation of the B&P Garden Railroad. By 2009, however, the itch to move to a larger house had gotten stronger. A year later, the moving van had departed and we took the very next step.

Becoming insiders

The next step being, naturally, another O gauge display. After all, we had wanted a house able to accommodate our dream of an indoor layout. Now we had it.

I spent hours on my computer, using RR-Track software to design a three-rail empire I thought would be appropriate for the 16½ x 21½-foot spare room available. I conferred with Pat on our priorities, and we reached some conclusions about the appearance and purpose of what would be the B&P South-Western Railroad.

Our design philosophy was to maximize the amount of track devoted to main lines, sidings, and yards within the room available. Additionally, we recognized the need to cut off or round corners of the tabletop so our visitors would be able to move around the layout comfortably. The features of the layout meant there would be less space for structures and streets.

Once we decided on how to adapt the design and goals to what was available, we moved forward. As first planned, the B&P South-Western was going to be a folded dog-bone with seven modules and two connecting bridges covering more than 270 square feet in a 355-square-foot room.

Envisioning the results of our planning, we launched construction. The beauty of what we achieved reflects hard work, experience gained from our outdoor layout, and help from other hobbyists.



LAYOUT AT A GLANCE

Name: Bob and Pat Canfield's B&P South-Western Railroad

Gauge: O

Dimensions: 15½ x 21½ feet

Track: Atlas O (diameters range from 54 inches to 99 inches)

Switches: Atlas O, Ross Custom Switches

Motive power: K-Line, Lionel, MTH

Rolling stock:

K-Line, Lionel, Menards, MTH, Weaver

Controls: Lionel 180-watt Power-House (4) with Lionel TrainMaster Command Control, MTH Digital Command System

Structures: Ameri-Towne, Atlas O, Plasticville, scratchbuilt

Vehicles: Athearn, Historic Rail, Lionel, Matchbox, MTH

Figures: Model Power, WeHonest, Woodland Scenics

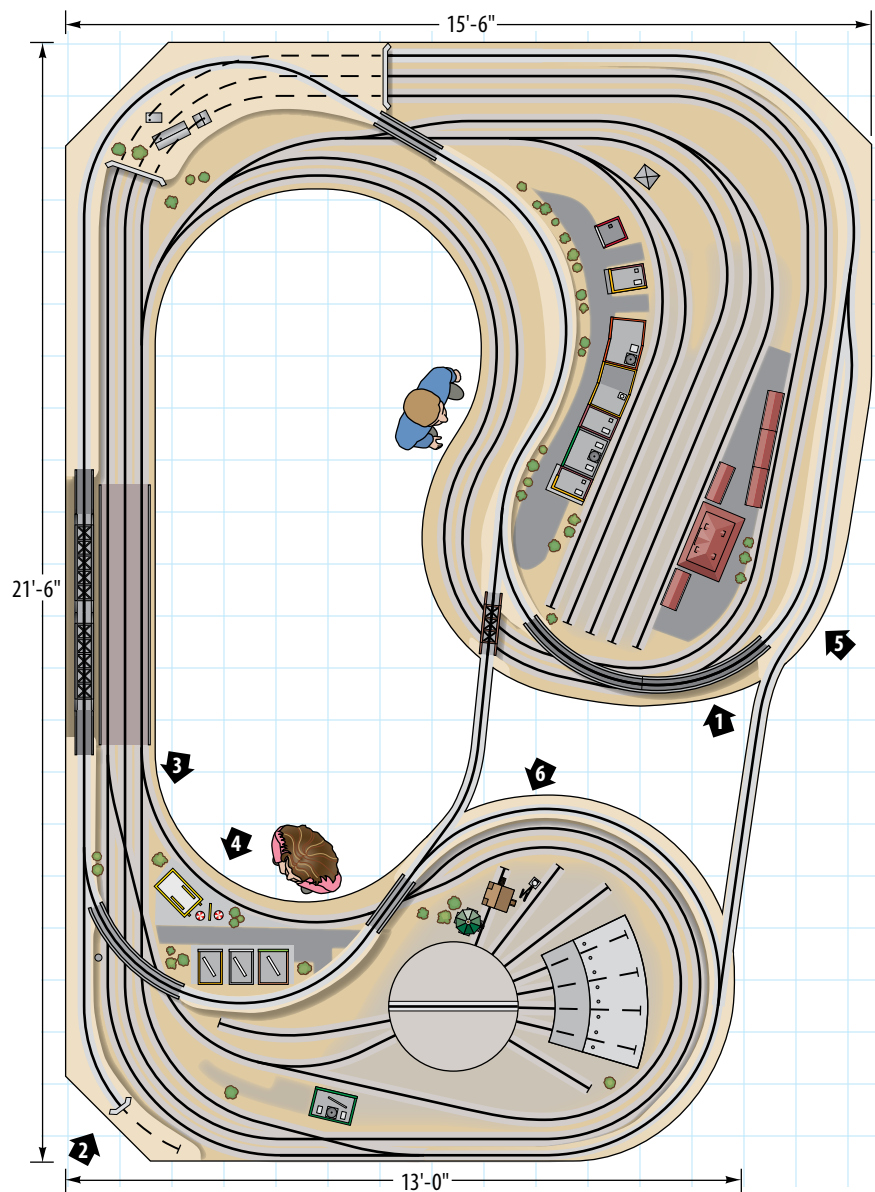


Illustration by Kellie Jaeger

Sparse desert landscaping and detailed structures tend to be what people recall best about the B&P South-Western Railroad. The numbered arrows correspond to the numbers in each of the captioned photographs taken by Bob and Pat Canfield.

Level after level

Once Pat and I got down to work, we recorded steady progress until, by 2012, we had completed the benchwork, laid and wired the network of three-rail track, finished the basic terrain, and scratchbuilt a few notable structures. The pieces crafted by hand included a highly detailed 30-inch

turntable, a four-stall roundhouse, and the two connecting bridges basic to our plan.

Before getting too far ahead in the story, let me stop here to summarize a few key facts about the B&P SW. It consists of 389 linear feet of track and switches. The three main lines (upper level, perimeter track, and folded dog-bone) have 51, 64, and 100 linear feet, respectively. The curves on these different routes range from 72 inches in diameter to 99 inches.

Other notable features of the layout include sidings and yards. The tightest curves in those areas are 54 inches. All grades are 2 degrees or less.

Pat and I investigated various brands of track before settling on Atlas O. For the

turnouts, we used products made by Ross Custom Switches.

We like operating trains via command control (Lionel's TMCC and MTH's Digital Command System). But we control the 23 turnouts manually. Blue Point switch machines take care of everything. Enhancing the operation are 69 scratchbuilt brass dwarf signals with light-emitting diodes.

Why did Pat and I insist on manual control? Because it requires operators to move about the layout as they run their locomotives. We I learned from our garden railroad how engaging it is to have people walking around the layout, throwing switches and handling other functions as their trains travel around.



Theme of nostalgia

Pat and I look back fondly on the eras during which we came of age and later met and married. We enjoyed growing up and working in southern California and then making our home in southern Nevada, both areas where automobiles and railroads played prominent roles.

We wanted the layout to nurture feelings of nostalgia and let us share memories. Scenes should convey to onlookers what we experienced and how we were shaped in the years spanning the end of World War II in the late 1940s to today.

Pat and I knew we would have to be selective when picking vignettes for the layout. Landscaping, structures, and details must be blended successfully to communicate what we remembered and hoped visitors would feel. Sentiments of whimsy and pleasure should predominate.

After long discussions and occasionally heated debate, Pat and I finalized our list of scenes. In every one, railroading would play a part, although sometimes it would be more of a cameo than a starring role.

Great examples of fascinating scenes include the atmospheric detonation of a nuclear bomb less than 100 miles north of Fremont Street in downtown Las Vegas and Car Club Night in Downey, Calif., where you will find the oldest continuously operating McDonald's restaurant.

Railroading grabs attention on the section of the layout where you'll find a three-rail salute to Metrolink, the heavy rail commuter service spanning southern California. Trains roll by our depiction of the famed Hollywood sign.

The B&P South-Western also pays respect to the relationship between the Union Pacific RR and Clark County, Nev. For more than 110 years the UP has been the only railroad to continuously serve Las Vegas and southern Nevada. In fact, from the late 1940s well into the 1960s, five

streamliners stopped in Las Vegas daily. Pat and I sought to re-create that history with our replica of the UP station there.

More to go

Work on the layout never seems finished! Does that comment sound familiar to many of you? Not that Pat and I ever complain about finding new projects. Truthfully, we love changing the appearance of scenes and believe expansion ends up reinforcing the identity of our O gauge model railroad.

With that perspective in mind, Pat and I took a fairly big step back in 2014. We decided to add a third main line to the railroad, one we wanted to rise above the main level. So we took the longer of the two folded dog-bone lines and, through the use of four new turnouts and two new connecting bridges, created what we call the Upper and Perimeter Mainlines and two sidings.

The two connecting bridges can be removed to facilitate access. Once the bridges are in place, the track electrical

CTT ONLINE

TO WATCH A VIDEO of Bob and Pat Canfield's O gauge layout, go to www.ClassicToyTrains.com/LayoutVisits



4 LEFT Memories of postwar Los Angeles and Las Vegas infuse Bob and Pat Canfield's O gauge B&P South-Western Railroad with life and fun. Owners of vintage muscle and sports cars have gathered in Downey, Calif., on a summer evening to show off their classics while wolfing down hamburgers at the McDonald's.

5 RIGHT An enjoyable part of retirement for Bob Canfield has been collaborating with his wife, Pat, on O gauge layouts, whether set in their backyard or inside their home.



One more change reflects my recollections of my youth. If you grew up in southern California anytime from the 1940s to the '60s, you saw lots of oil wells in action. They're still working, even if many are disguised within buildings that blend in with their surroundings.

Memories of those oil fields – plus the smells associated with them – inspired me to buy two scale models of the Lufkin oil pump and then install them on the layout.

Eager to share

Pat and I could keep talking about the structures and scenes. A favorite is a scale replica of Len's Hamburgers, a family business from postwar Los Angeles I recall with relish (so sorry about the pun!).

More important is the use of our layout to pay back our debt to other model railroaders as well as new members of the toy train hobby. We have benefited from the experiences and wisdom of others. That was true with the B&P Garden Railroad and has been the case with the B&P South-Western Railroad.

To express our tremendous appreciation to everyone who helped along the way and share what had been learned, Pat and I established www.bpsouthwestern.com in 2011. We dedicated that noncommercial model railroading website to promoting the enjoyment of toy trains by outlining techniques and lessons behind the construction and operation of their our O gauge layout. In addition, we have

posted several noncommercial videos of the B&P South-Western on the Internet.

Seen from this perspective, it strikes Pat and me as funny how a couple whose layout captures a wonderful slice of the past provide assistance using the technology of the future. One more way toy trains turn out to be more exciting and useful to us. **CTT**

6 New and old blend on the layout. A Union Pacific 4-6-2 Pacific from K-Line rests on the turntable within shouting distance of a contemporary UP SD90 diesel by Lionel.



connections are made with the placement of two machine screws per bridge.

What has been going on more recently? Pose this question to Pat and she'll mention how we put down more trackside and building details on the California and Nevada portions. "We started with the addition of six three-color trackside signals from Z-Stuff for Trains. To make these signals look even more prototypical, Bob and I painted most of the black plastic parts silver to match their metal parts."

Pose the question to me, and I will quickly direct your attention to how we have upgraded the Car Club Night vignette by installing on the roofs of three adjacent structures eye-catching signs from Miller Engineering. Pat and I also boosted the visual appeal of downtown Downey by converting one of the buildings to a USO center.

A GREAT REGIONAL
RAILROAD SURVIVES
ON ROGER WASSON'S
LAYOUT

Relive Frisco memories

By Roger Carp • Photos by Dennis Brennan

Once upon a time, in a country not so long ago, railroads laid tracks along highways and through industrial and farming areas in every section of the U.S. Standing near a grade crossing as a freight went by provided a lesson in geography.

If you're of the right age, close your eyes and remember reading the names of fallen flags like the Atlantic Coast Line; the Boston & Maine; the Gulf, Mobile & Ohio; the Spokane, Portland & Seattle; and the Minneapolis & St. Louis. Watching boxcars and gondolas roll past taught you about America.

Another of those once-thriving regional lines boasted an impressive name: the St. Louis – San Francisco Railway. Truth be told, as O gauge modeler Roger Wasson knows, the Frisco, as it was nicknamed, never reached the Pacific Coast. Even so, he honors the legacy of that Midwestern railroad on a terrific 30 x 46-foot layout he never thought would be!

No business having a layout

When Roger and his wife, Louanna, moved into their current home about a dozen years ago, their understanding was they were downsizing. Their son and daughter had grown up, so the Wassons felt no need to own a large house.

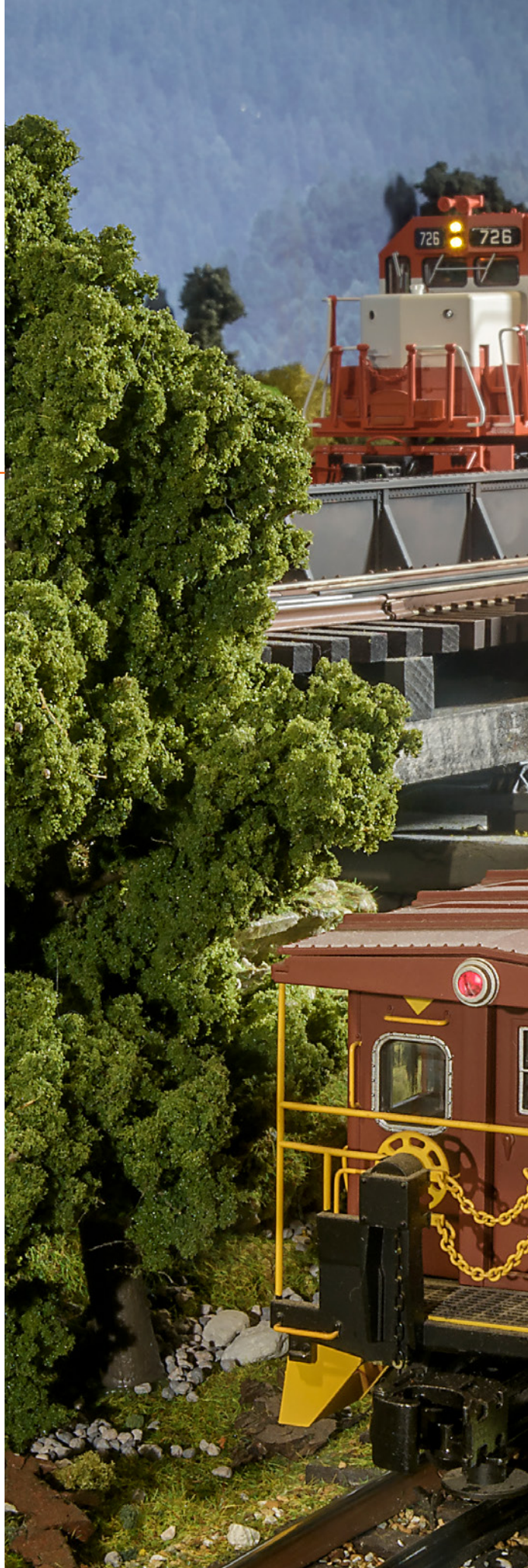
Large meant no basement. Which wasn't a problem until Roger, always a toy train enthusiast, became good friends with Vernon Hart. Besides being a great pal, Vernon enjoys designing layouts and sharing knowledge about prototype and model railroading. Seeing the O gauge display Vernon was completing at the time lit a flame inside Roger's mind.

"I had to have an O gauge layout," Roger put it simply.

Louanna wanted to make her honey happy. But she didn't want their living room or family room to be a train paradise.

"Fine," Roger thought. "There are other ways to get room for a layout." Aware of the seams of limestone under their spacious home, he came up with a solution: "Why not drill out an area large enough for a great layout?"

1 The Frisco – formally, the St. Louis – San Francisco Railway – thrives on Roger Wasson's O gauge layout almost 40 years after it went out of business. Memories of the motive power and rolling stock guide him as he operates trains like these.







Check out the logo of Roger's 30 x 46-foot railroad. The name recalls his digging out the train room; the shape imitates what the Frisco used. The numbered arrows correspond to the numbers in each of the captioned photographs Dennis Brennan shot.

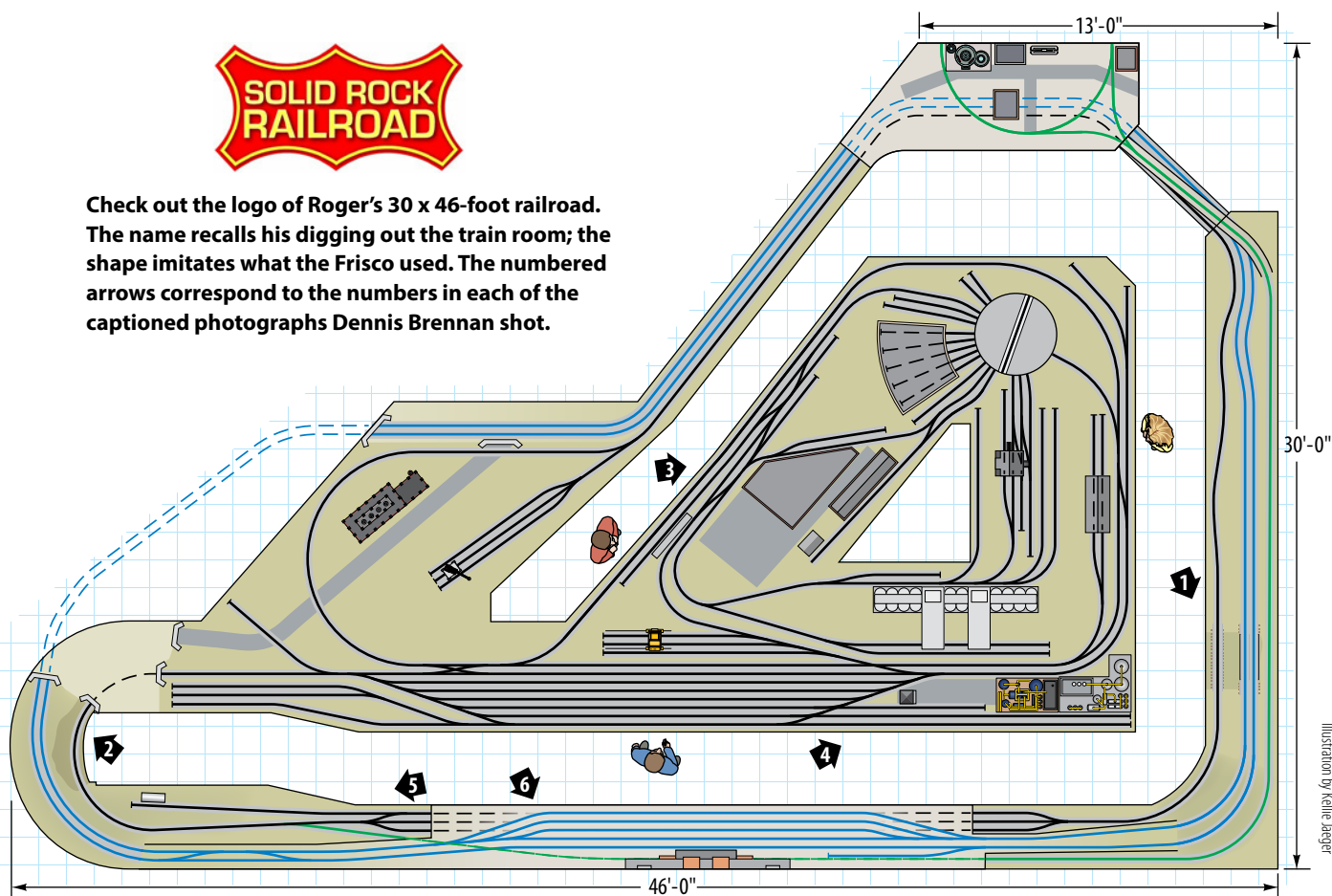


Illustration by Kellie Jager

LAYOUT AT A GLANCE

Name: Roger Wasson's Solid Rock Railroad

Gauge: O

Dimensions: 30 x 46 feet

Track and switches: GarGraves, Ross (54- to 108-inch diameters)

Motive power: Atlas O, Lionel (postwar, modern), MTH

Rolling stock: Atlas O, Golden Gate Depot, K-Line, Lionel (postwar, modern), MTH

Controls: Lionel TPC 400 (4), 180-watt PowerHouse (8); MRC Dual Power transformer, with Lionel TrainMaster Command Control and Legacy

Accessories: Lionel, MTH

Structures: Ameri-Towne, Brennan's Model Railroading, K&P Brick & Building, Korber, Menards, Stan's Tanks, Woodland Scenics

Vehicles: Diecast Direct, Lionel, MTH, SpecCast Collectibles

Figures: Artista, Woodland Scenics



Limiting his efforts to less than two hours daily, Roger excavated a massive cavern without destroying his house, his health, or his marriage in the process.

Three years of labor culminated with a fairly roomy spot for a layout. Admittedly, the ceiling was low (the lumps on Roger's forehead from smacking it against the ledges testify to that fact). Still, what is his man cave would soon be sealed against moisture and wired for lights and power.

Then, sometime in 2008, a tired and dusty Roger – his hearing not the same after banging away at solid rock for so long – pronounced the hardest task of his life to be finished. Let the Frisco begin!

Cramped quarters

For some toy train operators, the idea of carving out a space under their home for a layout might seem unreasonable. The tight, crowded area would leave them uneasy. The dirt and darkness so oppressive they couldn't progress.

Roger, though, has been working in cramped quarters for much of his life and in

many ways. Even the place where during the 1950s he played with his first electric train was far from spacious. His family pooled their resources to get Roger a Lionel outfit as a gift for Christmas of 1954. Then his grandparents told him their attic would be his train palace.

Luckily for eight-year-old Roger, his grandparents lived next to his house. But an attic was hardly the most comfortable or best-illuminated spot for a boy to create the finest rendition of the Lionel Lines.

Cramped quarters of a different sort defined much of Roger's subsequent life. A superb mechanic, he earned a place on the elite team charged with preparing and maintaining stock cars for the legendary

NASCAR driver, Richard Petty. Roger toiled for years beneath his boss' Plymouths.

For a fellow who handled myriad jobs inches from hot engines with his fingers pressed into tiny spaces, Roger considered the newly created empty area at home as roomy and inviting as a luxury suite at a football stadium. He couldn't wait to dig

ROGER HAD NEVER BEEN WITHOUT THE ENCOURAGEMENT OF HIS WIFE AND THEIR KIDS.

2 The streamlined *Texas Special* train, operated jointly by the Frisco and the Missouri-Kansas-Texas RR, dominates the passenger roster of the Solid Rock RR.

out his vintage Lionel set as well as all the new equipment, much of it decorated for his favorite railroad. The Frisco would regain life through Roger.

Local encouragement

Through the backbreaking and tedious labor involved in creating the underground train room, Roger had never been without the encouragement of his wife and their two children (Tammy and Roger Jr.). Better still, he said, their grandchildren turned out to be the greatest cheerleaders.

Another special person also stood by Roger. Depending on the task going on under the house, he might really be kneeling, squatting, or crawling by Roger. All along the way, through summer and winter, humid and dry spells, aches and pains, our host could count on words and gestures of support from Vernon Hart.

Together, the two men, whose friendship grew tighter and tighter as more of the train room was completed, discussed the ultimate plan for the aptly named Solid Rock Railroad. Vernon offered advice on where to arrange the main lines, what kind of track to buy, and how to install a dependable control system.

On top of the rocky areas left in place to support the surface of the layout went the L-girder benchwork made out of 1 x 4 pieces of lumber. The main level of the railroad, built over ½-inch-thick plywood was going to rise 42 inches off the wood floor. Elevated sections would stand another 7 inches higher.

Reducing the amount of noise produced by O gauge trains running in an acoustically challenged room emerged as a priority. Roger had no wish to divert any of the disposable income reserved for locomotives to buying hearing aids!

Therefore, sheets of Homasote went on top of the plywood. Strips of cork roadbed followed wherever Roger intended to lay the GarGraves track he liked.

“What can I say? The reputation of

3 Roger specifies as among the favorite models on his roster the Atlas O Frisco SW9 diesel switcher and flatcars carrying Campbell 66 Express trailers. People and equipment tied to both have touched him, so he wanted them on his layout.





4 Lights burn brightly around the clock at the massive Sunoco refinery. Roger developed this, one of his primary industries, using items from Stan's Tanks.

GarGraves speaks for itself," Roger replied when asked about his choice of track. "The straights and curves look like actual track. And getting them in place with 3/4-inch-long screws was a breeze."

As for turnouts, Roger mixed a few GarGraves products with those from Ross Custom Switches. He vouches for Ross because it offers such a wide range of items known for their durability. The big selection of turnouts made by Ross swayed Roger because he wanted curves with a maximum diameter of 108 inches.

Midwestern feel

Roger had grown up near the Frisco. He was acquainted with employees of the railroad and spent leisure hours looking at or walking through its facilities. Traveling meant catching one of its passenger trains at the local depot. Fantastic memories that Roger hoped to bring to life on the Solid Rock RR. He would measure success by the landscapes he was able to create and the structures he used to fill out scenes. None of that seemed simple, not for a hobbyist who had built just one true layout in the past. But Roger moved forward with determination.

Roger began with scenery, which for the Frisco in its centralized states of Missouri, Kansas, and Oklahoma meant rolling hills, prairies, and forests. Roger set out to model those very features.

Landforms went up using chunks of Styrofoam arranged with care along the main lines. Roger covered that foundation with both newspapers soaked in diluted Hydrocal and plaster-infused cloth. Rubber molds he purchased from Bragdon Enterprises made it easy and enjoyable to create rock outcroppings. Then he colored the tough scenery base with assorted water-based acrylic paints.



5 The travelers lazing in the observation of the *Texas Special* sure are glad it has air conditioning. Outside, the humidity and heat are brutal, as people eating at the Whistle Stop Diner will admit. Summer in Missouri is not for the faint of heart!



Roger approached landscaping with confidence, in part because of all the excellent products on the market. He mentions ground cover in various colors and textures from Woodland Scenics and Scenic Express. Those firms, along with Grand Central Gems, Heki, and Noch, were the sources of his trees.

Water highlighted a number of areas. Waterfalls, ponds, and streams all looked great. Roger credited items from Enviro-Tex for enabling him to create the eye-catching effects that suggested the Middle West.

Buildings were key

Nice as the landscapes turned out, Roger understood they could replicate almost any region of the country. His structures were the key to getting viewers to feel as though they were in the land of the Frisco during the postwar period.

Roger looks back at the many kits he assembled and the



6 Lionel F3s, decorated for the Frisco, grunt only slightly as they pull a long train consisting entirely of refrigerator cars along the double-track main line. Photo backdrops complement the outstanding landscaping and trackwork Roger did.

improvements he made to them by adding interior lights and admits they make him proudest. Better yet is knowing how he refined his skills at weathering them.

The roundhouse and locomotive-serving area get the nod as Roger's favorites, mainly because they remind him of facilities he saw in his hometown. Adding detailed miniature replicas to his version of the Frisco therefore became a priority.

Good thing firms such as Brennan's Model Railroad, Korber, Stan's Tanks, and Woodland Scenics have brought out outstanding kits and finished buildings. Roger benefited from what he found available, although as noted he made sure to take the next step with detailing that made those buildings unique.

Into the future

A career devoted to high-performance automobiles taught Roger the importance of embracing innovation and

remaining on the cutting edge of technology. That approach to motor racing helped him see the advantages of command control. He might have started with conventional modes, but wouldn't stick there.

First Roger experimented with Lionel's TrainMaster Command Control with his fleet of new steam and diesel locomotives. When Lionel pressed on with its Legacy system, he upgraded the layout to use it.

Four Track Power Controller 400s and eight 180-watt PowerHouses (all made by Lionel) provide all the power necessary to animate the layout. A smaller unit from Model Rectifier Corp. services accessories and lights.

Books about toy train electronics and wiring and magazine articles on specialized topics expanded Roger's understanding of how to get his layout running at its best. When questions or concerns arose, he had only to ask Vernon to troubleshoot.

Roger soldered feeders every 9 feet on main lines with 14-gauge wire. He used the same thickness for bus wiring. Thinner wires, ranging from 18 to 22 gauge, channeled current to the accessories.

The only blocks installed went for the yards. Roger reported having 10 blocks in the freight yard and four in the passenger yard. Illuminated switches he purchased from a local RadioShack controlled everything – and they looked great.

Still amazed

The detailed structures astonish, and the scenic effects impress. If only a surviving executive from the Frisco could visit, he would be thrilled to see what one railfan devoted to that fallen flag has done.

What Roger has carved from solid rock is quite a feat. Then with help from family members and friends he completed there an O gauge layout that's top notch in every sense. He did so with the enormous obstacle facing him of having to spend years just getting the area necessary. **CTT**

**THE DETAILED
STRUCTURES
ASTONISH,
AND THE
SCENIC
EFFECTS
IMPRESS.**



LIONEL SETS FOR 1948

MEETING THE DEMANDS
AT EVERY PRICE LEVEL

By Joe Algozzini and Roger Carp • Photos by William Zuback

Executives at the Lionel Corp., with two full years of production and sales under their belt since World War II, felt ready to introduce to a growing population and expanding market many new products in 1948 – mainly, yet not exclusively, electric toy trains. They were optimistic consumers would respond positively; after all, Lionel had recorded profits exceeding \$1 million for 1946 and 1947.

Lawrence Cowen, president of the toy train manufacturer, expressed the prevailing mood on May 12, 1948: “The demand for Lionel trains and accessories, etc., is at an even higher level than last year.” He went on to promise plenty of great new items, including “models of the General Motors F3 diesel locomotives, switching engines, passenger rolling stock, four transformers and several ingenious automatic accessories.”

In spite of the hopeful outlook prevailing at Lionel, Cowen and other corporate

leaders saw the wisdom in diversifying the product line. Lionel cataloged construction kits in 1948, although it had dropped chemistry outfits. It had acquired 66.67 percent of the outstanding capital stock of the Airex Corp., a maker of fishing equipment, not long before promoting the sale of Airex spinning reels in the January 1948 issue of *Model Builder* magazine.

But toy trains remained Lionel’s cup of tea. Larry Cowen and his elderly father, co-founder Joshua Lionel Cowen, sought to back up their promises to consumers.

Marketing, pricing and selling

Before focusing strictly on 1948, let’s review what Lionel had done the two previous years. In 1946, Lionel had priced its O-27 outfits from \$24.95 through \$85 and its O gauge sets from \$37.50 to \$87.50.

Lionel had reduced prices in 1947. As noted in the February 2017 issue of *Classic Toy Trains*, O-27 outfits had ranged from \$22.50 through \$70. O gauge train sets had been priced at \$35 to \$75.

For 1948, President Cowen stated, “Your company, fully cognizant of the desirability of popular price lines, has developed simplified electric train sets that enable us to start our line at lower prices.” To be specific, the range of O-27 sets went from \$15.95 up to \$65. O gauge outfits climbed from \$39.95 through \$75. (Be aware, however, Lionel did toss in a sleeper priced at a whopping \$199.95!)



Big news at Lionel in 1948 were the new streamlined passenger cars. Planners used the two coaches and the observation in this O-27 set led by a no. 2025 steam engine (no. 1430WS). They also put the three models in an O gauge outfit (no. 2140WS).

New Scout sets

If Lionel's top brass had identified a weakness in its sales strategy for the previous two years, they might have worried the firm had been conceding the low end of the domestic market to its two principal competitors: the A.C. Gilbert Co. (maker of American Flyer S gauge trains) and Louis Marx & Co. To remedy that problem it brought out basic and inexpensively made outfits known as Scout sets.

Lionel's consumer catalog for 1948 heralded the two novel trains as "the biggest model railroad news in years." Targeted to the low end of the market, the Scout sets apparently replaced the promotional sets put out during 1946 and '47.

The no. 1111, priced at \$15.95, used a no. 1001 plastic steam engine with a 2-4-2 wheel arrangement. It had forward and reverse motion and led a no. 1001T non-whistle tender. Rounding out the O-27 set were nos. 1002 Lionel blue gondola, 1005 Sunoco single-dome tank car, and 1007 Lionel Lines caboose.

Each car came equipped with the newly designed plastic "Scout" couplers. Modelers quickly discovered the new coupler head was not compatible with the typical magnetic knuckle couplers installed on every other Lionel model. It was, as a consequence, nearly impossible to add other cars, other than Scout items, to a set. Lionel later solved this problem with the Magnetic Coupler Conversion Unit.

Lionel also made a few 1007 cabooses in brown plastic, and they are rare. Another variation that's hard

to find had a raised plastic, molded centerboard on the roof. (The same detail could be found on the no. 4357 illuminated Southern Pacific-type caboose in the no. 4110WS Electronic Control Set.)

Scout outfit no. 1112, a four-car freight train, retailed for \$18.95. The additional \$3 made it a much better buy, because it included a die-cast metal locomotive instead of a plastic one. Furthermore, there was an extra car.

The 2-4-2 steamer, numbered 1101 and patterned after a Columbia type, came with forward and reverse motion. It pulled a no. 1001T non-whistle tender. Besides the gondola, tank car, and caboose, it had a no. 1004 Baby Ruth boxcar.

The consumer catalog incorrectly depicted the locomotive in set 1112 as a 1001. All the same, Lionel did stamp some die-cast metal examples with that number. Be aware both of the Scout sets included a no. 1009 uncoupling track set.

The Scout sets served three purposes

for Lionel. First, they helped it challenge Gilbert and Marx for supremacy in the low end of the market. Second, Scout sets were ideal for Lionel to make further inroads in the array of merchandise handled by retail giant Sears, Roebuck & Co. (it cataloged set 1112 as its no. 5940) and the nationwide chain of Firestone tire stores (it cataloged outfits 1111 and 1112 as its nos. 11-L-107 and 11-L-106, respectively).

In addition, the Scout sets motivated consumers to buy more Lionel items, in particular, O-27 track and switches and accessories. Owners would eventually want to move up to better outfits.

O-27 sets with small steamers

Outfit no. 1423W should be considered special because it introduced Lionel's new no. 6400 series of rolling stock. Also helping the three-car freight set stand out was its new no. 1655 steam engine (another 2-4-2 Columbia type). Lionel paired it with a no. 6654W whistle tender.

The O-27 outfit, which was priced at \$29.95, came with the nos. 6452 Pennsylvania RR gondola, 6465 Sunoco double-dome tank car, and 6257 Lionel Southern Pacific-type caboose. Lionel experimented with the hot-stamped graphics on the gondola, as the first run included a small "G27" font to right of "BLT 12 45" on the lower right side of the car. A larger "G27" font replaced it later in the production run.

Set no. 1425B cost \$35.95 and heralded the reintroduction of an 0-4-0 to the product line after a year off. A no.



The 36-page full-color consumer catalog released by Lionel in 1948 featured bold, dramatic artwork on the front cover.



1656 switch engine (dubbed by Lionel “the smart little yard goat”) and a no. 6403B bell-ringing tender headed the O-27 set.

Cars packed with the locomotive and tender included nos. 6456 Lehigh Valley hopper and 6465 Sunoco double-dome tank car (both with new 6400-series numbers). At the end rode a no. 6257X Lionel SP-type caboose. The “X” designation meant Lionel assembled the caboose with a rear operating coupler.

Prairies led O-27 trains

For 1948, the new no. 2026 steam locomotive with smoke was patterned after the 2-6-2 Prairie locomotives. Coupled to a no. 6466WX whistle tender, it served as motive power for a trio of O-27 outfits: two freight and one passenger.

First was set no. 1427WS, retailing for \$39.75. The outfit included nos. 6454 boxcar, 6465 Sunoco double-dome tank car,

and 6257 SP-type caboose. Precisely whether the set had a New York Central or a Santa Fe boxcar has stumped collectors, as is explained in depth in the accompanying sidebar.

The 2026 steam engine next handled set no. 1429WS. That four-car train, which retailed for \$47.95, featured nos. 3451 operating lumber car, 6454 boxcar depicted in the consumer catalog as a New York Central, 6465 Sunoco double-dome tank car, and 6357 SP-type caboose with interior illumination.

It was smarter to buy the 1429WS than the 1427WS. For another \$8 you got one more car (and it operated) plus a caboose with a light. Both meant more fun!

The 1426WS was a three-car passenger

LAWRENCE COWEN AND OTHER CORPORATE LEADERS SAW THE WISDOM IN DIVERSIFYING THE LINE.

outfit priced at \$42.75. Its components came from the new no. 6400 series of sheet-metal cars painted green: two no. 6440 illuminated Pullman cars and one no. 6441 illuminated observation.

The no. 2025 Prairie with smoke returned to handle passenger and freight sets. Lionel now paired it with a 6466WX whistle tender and not a no. 2466WX.

Notable for its consist was set no. 1430WS, which Lionel priced at \$59.75. It was the first train set cataloged with new green-painted streamlined passenger cars: nos. 2400 *Maplewood* Pullman, 2402 *Chatham* Pullman, and 2401 *Hillside* observation.

The 2025 steam engine with a 2-6-2 wheel arrangement also went into outfit

MYSTERY SURROUNDING OUTFIT NO. 1427WS

The consumer catalog for 1948 described and pictured O-27 set no. 1427WS as coming with a no. 6454 boxcar. But which one? A Santa Fe or a New York Central model (painted brown, orange, or tan in 1948) might have been used.

There are two other sources of information from 1948. But they just add to the confusion.

First, the section of the full-color consumer catalog specifying items available for separate sale illustrated what was certainly a 6454 New York Central model in orange. Yet the accompanying text

described the 2454 boxcar from 1946 and '47.

Second, the advertisement that retail outlet Madison Hardware Co. in New York City placed in the November 1948 issue of *Model Builder* showed set 1427WS with a 6454 decorated for Baby Ruth. Lionel probably assembled that car



first in the production year and then offered it as a separate-sale item at \$4.50.

Even an examination of original examples of the 1427WS train set does not solve the mystery.

I've purchased two sets

from their original owners and one from a hobby shop that got it from the original owner.

The first outfit came from northwestern Indiana and had a 6454 Santa Fe. The second set, although bought near Chicago, had been initially



Lionel developed Scout sets to grab a larger share of the low end of the market. The second and bigger of the two for 1948 was the no. 1112, a four-car freight led by a no. 1101 steamer with new rolling stock.

no. 1445WS. That freight, priced at \$52.50, had nos. 3559 operating dump car, 6454 boxcar, 6465 Sunoco double-dome tank car, and 6357 illuminated caboose.

Lionel produced so many 6357 Southern Pacific-type cabooses in 1948 it apparently ran short of completed shells. To solve that problem, the company substituted a few 6257 caboose shells and stamped the bottom of the frame with the correct corresponding "6357" number, unintentionally creating a rare item.

Finest O-27 sets

At the peak of the O-27 roster reigned the no. 2020 Pennsylvania RR steam turbine, returning for its third consecutive year although now with a no. 6020W whistle tender. The 6-8-6 pulled two sets, each loaded with play value.

Outfit no. 1447WS was a four-car work train with nos. 3451 operating lumber car,

2461 transformer car with a black-painted transformer, and 2460 operating crane car. At the end rolled a new no. 6419 DL&W work caboose.

Priced at \$59.50, the 1447WS sold for only \$2 more than a similar set had the previous year (no. 1441WS). Yet Lionel had replaced the no. 2560 crane car, a pre-war carryover, with the no. 2460, a rugged and realistic model with 12 wheels.

Remember how President Lawrence Cowen had stated that prices would be reduced? Well, set no. 1449WS retailing for \$65 proved his promise would be carried out. That excellent five-car freight was a upgrade over a similar set (no. 1443WS) from 1947 priced at \$70. The 1449WS featured a no. 3462 operating milk car with platform, 6411 log car (not part of the 1947 set), 3459 operating dump car, 6465 Sunoco double-dome tank car, and 6357 illuminated SP-type caboose.

O gauge sets with a 675 steamer

The no. 675 steamer had it all. Starting with a 2-6-2 wheel arrangement designers at Lionel adapted from a Pennsylvania RR K5 4-6-2 Pacific intended for passenger service. Add to it a smoke mechanism, running boards, steam dome, valve gear, and grab irons. Lionel then paired it with a no. 2466WX whistle tender.

The 675 headed three O gauge outfits in the line cataloged for 1948.

The first, no. 2135WS, retailed for only \$39.95, so it could be considered a starter set (keep in mind, that price was only 20 cents more than the retail price assigned to O-27 outfit 1427WS). The train included the new no. 2456 Lehigh Valley hopper as well as a no. 2411 flatcar with logs and a no. 2357 illuminated SP-type caboose.

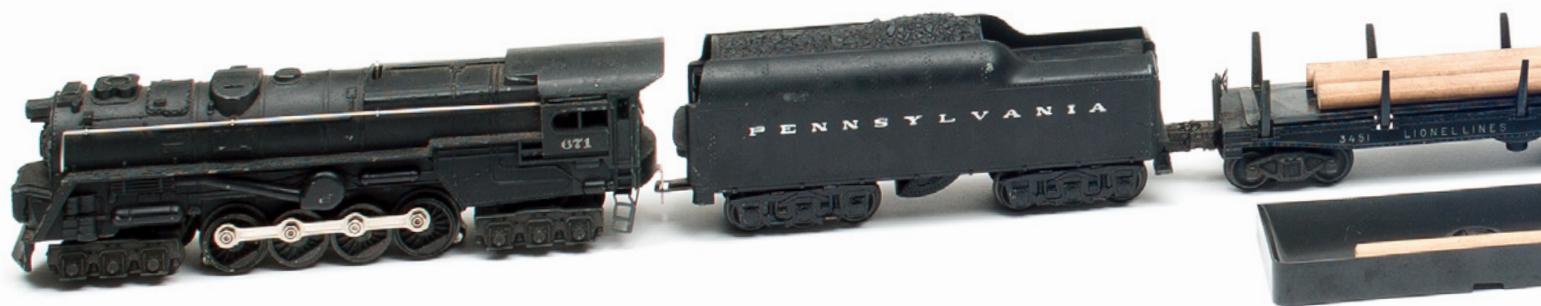
Next, with a retail price of \$42.50, was outfit no. 2136WS. It really was a repeat of no. 2120WS from 1947 (also led by a 675),

sold near New York City and had a 6454 New York Central. The third, also obtained through a dealer in northwestern Indiana, had a New York Central. Too bad the dealer selling that train set had no idea where it had come from originally.

What's the answer? The most logical explanation appears in the third volume of *Greenberg's Guide to Lionel Trains, 1945 to 1969* (1999). Describing the 1427WS, author Paul Ambrose concludes, "The 6454 boxcar could have come in any of three road names since its inclusion in 1948 sets was done randomly."



Five variations of the no. 6454 boxcar are associated with 1948 production. Besides cars lettered for Baby Ruth and Santa Fe, there were three New York Central models. That's why collectors remained uncertain about which boxcar Lionel put in set no. 1427WS.



except it cost \$1 less. Both trains consisted of three sheet-metal passenger cars with interior lighting: two no. 2442 Pullmans and one 2443 observation. The three models came painted brown.

Not only did the 2136WS sell for less than its predecessor had just a year before but it also had a lower retail tag than did a similar O-27 passenger outfit. Remember that set 1426WS went for \$42.75, perhaps owing to it featuring a trio of 6400-series models. The main difference in the two trains came down to the O gauge set having a more powerful locomotive (a 675 as opposed to a 2026).

The third outfit cataloged for 1948 with a 675 was the no. 2137WS. The four-car freight retailed for \$47.50 and included the nos. 2458 Pennsylvania RR automobile boxcar, 3459 operating dump car painted green, and 2456 Lehigh Valley hopper.

The illustration and the description of the outfit in the consumer catalog indicated that the caboose was a 2357 illuminated SP-type. During the production run, however, Lionel began to substitute a 6357 with front and rear couplers.

The 675 sets were important to Lionel, because they gave consumers a choice between freight or passenger sets priced between \$39.95 and \$47.50.

Turbine and Berkshire sets

A step up in quality and price were the pair of O gauge sets headed by a no. 671 turbine, both beautifully illustrated on pages 14 and 15 of the consumer catalog. Outstanding color artwork characterized by evocative and realistic backgrounds

would continue to distinguish Lionel catalogs through the 1950s and into the '60s.

The 671 Pennsylvania RR turbine returned to pull the no. 2140WS, a passenger set at \$57.75. The 6-8-6 locomotive came coupled to the new no. 2671W streamlined Pennsylvania RR tender

equipped with a whistle. Backup lights for the tender offered more realism. However, after adding that feature in early stages of packaging, Lionel subsequently removed them from production.

The outfit included three brand-new green-painted streamliners: 2400 *Maplewood* Pullman, 2402 *Chatham* Pullman, and 2401 *Hillside* observation. Some component boxes were stamped "O," which probably meant they were reserved for O gauge usage rather than O-27 (notably, set 1430WS).

For just \$1 more, anyone desiring a turbine could get a four-car freight. Set no. 2141WS had a 3451 operating lumber car, 3462 operating milk car with platform, 2456 Lehigh Valley hopper, and 2357 illuminated SP-type caboose with front and rear couplers.

The 671 also pulled outfit no. 2143WS, a four-car work train. Lionel sold the set for \$60 and included a 3459 operating dump car, 2461 transformer car with a black transformer, 2460 crane car, and 2420 wrecker car with searchlight.

The no. 726 2-8-4 Berkshire steam engine with a no. 2426W whistle tender returned for a third year as the pulling power for two quality outfits.

Set no. 2145WS, with a retail price of \$67.50, came with a 3462 operating milk car, 2411 flatcar with logs, 2460 crane car,

and a 2357 illuminated SP-type caboose.

The 2145WS resembled set no. 2131WS from 1947 (priced at \$75), except it lacked the 3451 operating lumber car and 2420 work caboose with a searchlight.

For 1948, Lionel gave the 726 and not the 671 the honor of serving as the motive power in a set with three heavyweight Pullman cars finally stamped with their correct corresponding numbers. Selling for \$75, outfit no. 2146WS included a 2625 *Irvington*, 2627 *Madison*, and 2628 *Manhattan*. The 2627 and 2628 finally had their own numbered boxes rather than using over-stamped 2625 boxes.

The 726 equipped with a simulated coupler on the front pilot was the norm, although a transition was always possible. The *Lionel Service Manual* announced new 1947 part numbers for the front assembly (726-11), the handrail (726-109), and the stanchions (1666E-11) as replacements for the 1946 part numbers.

GG1 offers elegance in O gauge

Given all the positive publicity Lionel earned after releasing its O gauge replica of the Pennsylvania RR's GG1 electric-profile locomotive, the firm wisely revived the no. 2332. The Brunswick green unit led a freight and a passenger set.

Outfit no. 2139W was a four-car freight that retailed for \$57.50, which was a terrific value for anyone wanting to add a great locomotive. In fact, the set had a price just a few dollars below what the two finest O-27 outfits cost in 1948.

Purchasers of a 2139WS brought home a train loaded with play value. The most entertaining items were the 2458 Pennsylvania RR automobile boxcar and 3451 operating lumber car. Then came the 2456 hopper. Cars in the first run had three and not the usual two lines of horizontal data stamped on the left side of the shell (the

**LIONEL
BOLDLY
HERALDED ITS
O GAUGE
REPLICA OF
THE F3 UNITS
MADE BY THE
ELECTRO-
MOTIVE DIVI-
SION OF GM.**



The no. 671 steam turbine returned for a third year to serve as the motive power for a trio of cataloged sets, including the no. 2141WS. That set came with two operating cars, a brand-new hopper, and an illuminated SP-type caboose.

scarce variation was shown in the April 1948 issue of *Model Builder*).

Last rode a 2357 SP-type caboose featuring interior illumination. The consumer catalog for 1948 described the model as “1 No. 2357 new illuminated Caboose.” That was incorrect, as Lionel introduced the 2357 the year before.

The 2332 returned to head another three-car heavyweight passenger set. The no. 2144W retailed for \$67.50, which was only \$5 more than outfit no. 2124W had sold for the previous year with the same engine and passenger cars.

The 2144WS included the same three

Pullmans as did 2426WS. Each passenger car had its own corresponding number and individual box (the top and bottom of the Lionel lettering touch the trap lines above and below it).

Lionel was proud of its GG1, going so far as to point out the pantographs were insulated and could easily be wired to draw electric current from overhead lines. But even more attention was directed to a brand-new model about to arrive.

Debut of the F3

Lionel boldly heralded its O gauge replica of the F3 units made by the Electro-

Motive Division of General Motors: “Diesels which have been shattering speed records on East and West coast runs.”

Lionel assigned the number 2333 to a pair of A-A models with different road names: New York Central and Santa Fe.

The Santa Fe and the New York Central powered and unpowered duos were named the motive power for versions of set no. 2133W. Each retailed for \$65 and had a 2458 automobile boxcar, 3459 operating dump car, 2555 Sunoco single-dome tank car, and 2357 illuminated caboose.

Incidentally, the year 1948 proved to be the last one Lionel cataloged the 2458

UPGRADES FOR THE ELECTRONIC CONTROL SET

Lionel's Electronic Control Set was a breakthrough in toy train technology when introduced to the product line in 1946 as outfit no. 4109WS and reissued the following year. For 1946 and '47, it had a retail price of \$75 (around \$856 today).

For 1948, decision makers probably thought the market was ready for an expanded version of the revolutionary outfit. They therefore introduced set no. 4110WS, which was proclaimed in the catalog as “Sensational New Lionel Electronic Railroad.”

Retailing for the unheard-of price of \$199.95 (\$2,037 today), the four-car freight train was once again pulled by a no. 671R Pennsylvania RR turbine with smoke. Behind the 6-8-6 was a no. 4671W Lionel Lines whistle tender.

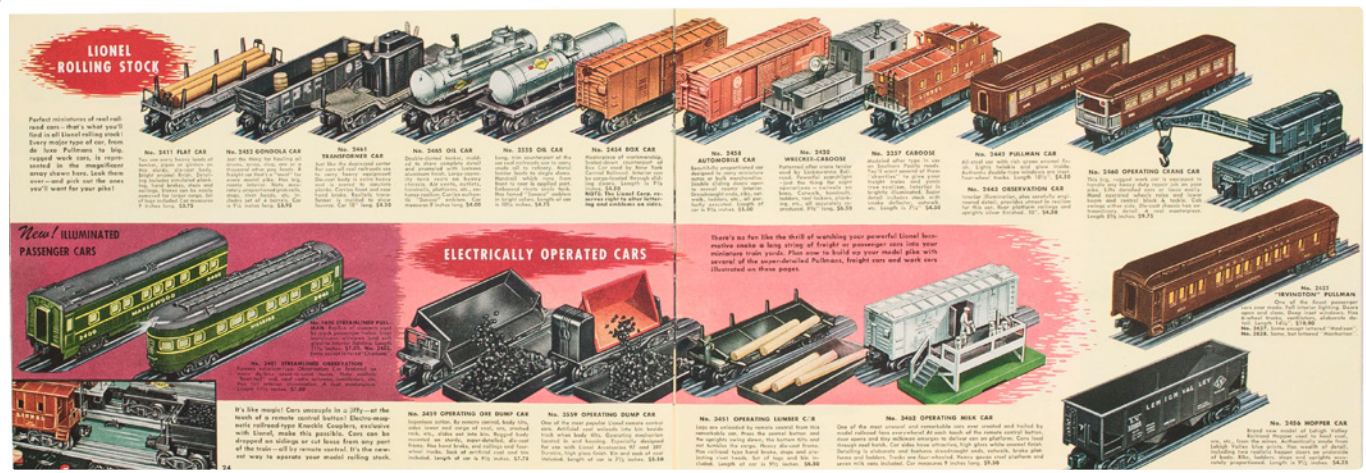
The remaining components of the 4110WS included the nos. 4452 Pennsylvania RR gondola with four barrels, 4454 Baby Ruth boxcar (not the Pennsy model illustrated in the consumer catalog), 5459 operating dump car, and 4357 illuminated SP-type caboose (replacing the no. 4457 illuminated tinplate Pennsylvania RR caboose used the two previous years).

To justify raising the set price \$124.95, Lionel packed with the train nos. 97 coal elevator and 151 automatic



semaphore. Also put in were a pair of no. 022 remote-control switches, a new type-VW 150-watt transformer, and extra track to form an interior loop. All very nice, but evidently not nearly enough to tempt many consumers.

Lionel upgraded the Electronic Control Set (renumbered as the no. 4110WS) with more track and a few accessories. They raised the price of the technologically innovative outfit from \$75 to \$199.95 (\$2,037 today).



The roster of rolling stock developed by Lionel for its cataloged line in 1948 included boxcars, a husky crane car, flatcars with two different realistic loads, a gondola, a new hopper, single- and double-dome tank cars, and two kinds of cabooses, along with three groups of passenger cars. Innovative and dependable operating cars handled coal, logs, and milk cans.

double-door boxcar. It had removed some rivet detail from the tinplated steel body shell so laborers at the factory could more easily apply the hot-stamped graphics.

As fantastic as the two F3 outfits were and as great as demand for them might have been, Lionel failed to package them in time for the holiday season. Ads placed by leading Lionel retailers in the December 1948 issue of *Model Builder* conveyed the unfortunate news.

Boston dealer Eric Fuchs noted: "The Lionel Corporation has just announced that [the] #2333 Diesel Locomotive will not be ready until after the first of January." Madison Hardware instructed consumers, "a small deposit will reserve your Diesel Loco or Freight Set for delivery as soon as it's received from the factory."

Great trains and more

Everything was really starting to fall

into place for Lionel in 1948. Maybe that explained why President Cowen insisted the company would make every effort to maintain or lower prices without sacrificing quality of product – or a fair profit.

The corporate strategy must have worked, because for the fiscal year ending February 28, 1949, the net income declared by Lionel amounted to \$1,588,437.13. Net sales were the highest in the firm's history at \$15,559,275.71, which pleased the team of executives

Stockholders must have been pleased, too, as Lionel paid \$531,000 worth of dividends. It was an increase of 47.5 percent from the year before (\$360,000).

Meanwhile, distributors, retailers, and consumers delighted in the great displays and layouts at the refurbished headquarters and public showroom in New York City. They appreciated new, highly innovative accessories, such as the nos. 364

conveyor lumber loader and 397 operating diesel-type coal loader.

No observer could overlook the fully redesigned Trainmaster transformers. Gaining plenty of attention was the new type-ZW 250-watt transformer. It had a retail tag of \$25, which meant it was priced only \$5 more than the older type-Z.

Optimism about the future

From powerful transformers and ingenious accessories to top-of-the-line O-27 and O gauge outfits led by models of contemporary steam, diesel, and electric locomotives, Lionel grew stronger and more prosperous in 1948. Even its Scout sets proved successful in helping it penetrate the low end of the domestic market. As a result, Lionel continued its significant trend of increasing net sales and income year after year since the end of the war.

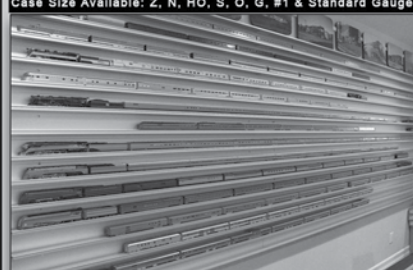
President Lawrence Cowen and all members of the board of directors must have been more than pleased by the year's results. Filled with optimism, executives at Lionel already had plans in place to ensure circumstances improved more in 1949. **CTT**

For advancing the research for this article we thank Paul Ambrose, Bruce Balsley, Tom Budniak, Dave Christianson, Ray Fetzner, Robert Pasztor, and Larry Ulrich.

Lionel had its no. 671 Pennsylvania RR 6-8-6 turbine steam locomotive and no. 2671W tender pull three brand-new streamlined passenger cars in O gauge outfit no. 2140WS.



SHOWCASE-EXPRESS
Wall to Wall Expandable Display Case
Case Size Available: Z, N, HO, S, O, G, #1 & Standard Gauge



Lighting Kits and Backgrounds Available

Join Top to Bottom
or End to End **714-842-0672**

www.SHOWCASE-EXPRESS.com

MIANNE
Customizable Benchwork

The Fast Track to Layout Construction

Model 06-24 12'x16' overall



IT'S TIME FOR THE
ROLLING STOCK
TO START
ROLLING....

Send \$1 for catalog or visit us on the web at:
www.miannebenchwork.com

Foley Woodworking 78 Holman St, Attleboro, MA 02703

Experience the Art of the Train...



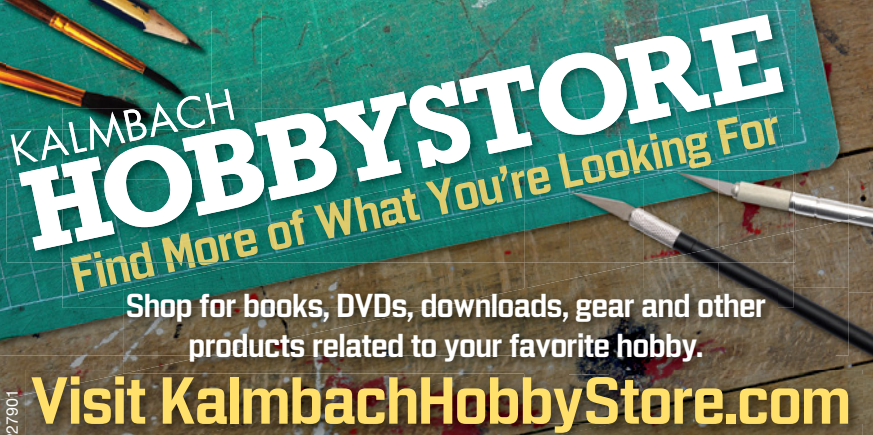
Do YOU know what YOUR trains really want?

To be *OUT* of their boxes, running wild on their very own,
totally *WOW* Custom TW TrainWorx layout...

The Traingineers at TW TrainWorx
absolutely love talking trains!

Call NOW (877) 881-4997
www.TrainWorxLayouts.com

KALMBACH
HOBBYSTORE
Find More of What You're Looking For



Shop for books, DVDs, downloads, gear and other
products related to your favorite hobby.

Visit KalmbachHobbyStore.com

OVER 25,000 PARTS

Brasseur
ELECTRIC TRAINS

410 Court St.
Saginaw, MI 48602
989-793-4753
Mon.-Sat. 9:30-5:30

www.brasseur-electrictrains.com
989-793-6887

40 years of Lionel service and sales.
Authorized MTH service and sales.
Best Source for K-LINE parts.

Just 90 miles north of Detroit, just off I-75.



217 Central Way
Kirkland, WA 98033
(425) 828-4098
Toll Free (877) 857-7246



Come Visit us
On-line
@
www.eastsidetrains.com

LIONEL

11139 Milw 2-8-2 Mikado w/TMCC
11152 D&RG Lionmaster Challenger
11181 C.N. GP-9 Piggy Back Set w/Legacy
11201 W.M. 4-6-6-4 Challenger w/Legacy
11257 Pennsy 2-8-2 Mikado w/Legacy
11270 G.N. 2-6-0 Mogul w/RS
11276 L&W 0-4-0 #1 w/Legacy
11295 Elk River Shay #1 w/Legacy
11330 Polar RR K-4 w/Legacy
11367 C.P. #111 2-Truck Shay w/Legacy
11379 Pennsy 0-4-0 Switcher Loco
11385 U.P. 0-4-0 Yard Switcher
11386 B&M Berkshire w/Legacy
11413 J-Class 4-8-4 Pilot Loco
11419 S.P. Blk GS-2 #4412 w/Legacy
11427 S.P. 0-4-0 Switcher
11428 Milw 0-4-0 (Conv) Multi Roads Avail
11446 U.P. 2-8-2 Y-3 #3871
11449 U.P. 4-8-4 Big Boy #4004
11462 S.P. AC12 Cab Forward #4294
28297 S.P. GP-9 Diesel w/Legacy
28307 Wabash FM w/Legacy
28311 U.P. DD35 #70 Diesel w/Leg (2 #s)
28312 B.N. SD60 #8301 w/Legacy
28354 CSX Genset w/Legacy
28363 B.N. SD60 #8302 w/Legacy
28383 Conrail Genset w/Legacy
28384 C.N. Genset Switcher w/Legacy
29366 S.P. Tank Train Oil Can Set
30145 Candian Maple Leaf Frt Set
31774 AEC Radioactive Transport Set
31778 #1484WS Hudson Pass Set
31783 BNSF Ice Cold Express Set
34559 N/H F-3 AA w/Horn
34625 N.P. F3 AA Frt Set **Inquire "B" Units**
34737 N.P. GP-9 (Multi Roads Avail)
34738 N.P. GP-9 #317 w/Legacy
38354 #1464 U.P. Anniv. Pass Alco Set
38310 #2185W NYC F3 AA Freight Set
38311 #2276W Budd RDC Set
38312 #2343 SF F3 AA
38313 B&O Budd RDC P&D
38324 #2507W N/H F-3 Freight w/5 Cars
38328 #1623W N.P. Frt Set w/Leg. Closeout
38329 #2261W Freight Set (646 w/5 Cars)
38338 #2129WS Berk Freight Set

749.00 38353 X-628 Promo Navy Set
829.95 38358 #2239 I.C. F-3 Freight Set
699.95 38419 U.P. U30C #2918 w/Legacy
849.00 38420 U.P. U30C #2897 w/Legacy
849.00 38421 N.P. U33C #3305 w/Legacy
529.95 38422 N.P. U33C #3307 w/Legacy
629.95 38737 BNSF S.F. #1999 SD70ACe Dummy
859.95 38738 BNSF Frisco Heritage SD70ACe
699.95 38742 BNSF B.N. #1975 SD70ACe
799.95 38743 BNSF B.N. #1980 SD70ACe Dummy
429.95 38750 EMD Demo #2012 SD70ACe
429.95 38784 C.N. #4000 GP-35
1,139.00 38855 G.N. GP-35 #2519
1,099.00 38976 S.F. GP-35 w/Legacy
1,199.95 39562 B.N. GP-35 w/Legacy
439.95 39568 BCR Dash-9 w/Legacy
439.95 39572 BNSF Dash-9 w/Legacy
1,259.00 81135 B.N. SD70MAC #9431 w/Legacy
2,395.00 81137 BNSF SD70MAC #9858 w/Legacy
1,599.99 81155 U.P. ES44AC #7388 w/Legacy
379.95 81270 Bethlehem Steel Dockside Set
469.00 82121 G.N. S-2 Diesel w/Legacy
599.95 82122 Pennsy S-2 Diesel w/Legacy
479.95 82127 U.P. S-2 Diesel w/Legacy
779.95 82205 BNSF ES44AC Golden Swooosh
479.95 82269 N.P. #1382 4-6-0 w/Legacy
769.95 82270 S.P. #2353 4-6-0 w/Legacy
769.95 82694 U.P. #3985 (BLK) 4-6-6-4 Challenger
699.95 82697 Rio Grande 4-6-6-4 LM Challenger
499.95 82528 Empire State Express Set
239.95 82716 Mickey's Holiday Express Set
449.00 82761 U.P. SD-90MAC w/Legacy
895.00 82784 B.N. GP-9 #1706 w/Legacy
479.99 82785 B.N. GP-9 #1804 w/Legacy
679.95 82806 U.P. FEF #844 Black
449.95 82809 U.P. FEF #838 Black
449.95 82815 Mt. Ranier Scenic Heisler #91
429.95 82958 115th Anniversary Nano Painted Berk
449.00 83080 Rio Grande 0-4-0 Switcher Set
369.00 83193 S.P. Lines #4449 GS-4 w/Legacy
399.99 83197 AM Freedom Train #4449 GS-4
269.00 83371 G.N. SD-45 #400 Hustle Muscle
429.00 83380 U.P. SD-45 #1
449.95 84072 Everrett Mogul #11
459.00 84248 S.P. AC-6 #3800
549.95 11319S Pennsy K-4 Red Arrow w/4 Pass Cars

549.00 16001 U.P. 4-8-4 w/PS 3 Blk/Coal
549.00 16211 S.P. 4-8-4 GS-4 w/PS 3
499.00 16451 Erie 2-8-8-2 Triplex w/PS 3.0
499.00 16471 Erie Triplex w/5 Cars
499.00 16481 S.P. 4-8-8-2 Cab Forward
499.00 16671 G.N. 2-8-2 Loco w/PS 3.0
259.95 25581 U.P. Dash-9 Diesel w/PS 2.0
499.95 26431 U.P. Dash 8 Narrow Nose w/PS 2
27741 U.P. SD70 Heritage w/2 Frt Cars
259.95 29021 G.N. GP-35 Diesel w/PS 2.0
499.95 29351 G.N. SD-45 LH Diesel w/PS 2.0
479.95 31681 UP 4-6-6-4 Challenger w/PS 2
34831 S.P. 4-8-4 GS-4 w/PS 3.0 #4449
449.95 34851 S.P. 4-8-4 GS-4 w/PS 3.0 #4444
34981 C.N. U1F Steam Pass Set w/PS 3
499.95 34991 G.N. 4-8-4 w/PS 3.0 #2579
35011 G.N. 4-8-4 w/PS 3.0 #2584
200341 N.P. GP-9 Diesel w/PS 2.0
200343 N.P. GP-9 Dummy Unit
200351 Amtrak Turbo Train
259.00 201201 BNSF Dash-9 w/PS 2
599.99 201431 G.N. SD-70ACe Diesel
35351 U.P. FEF 4-8-4 4-Car Pass Set
35361 U.P. FEF Reefer w/6 Cars Set
35411 NYC 4-8-4 Niagara w/4 Car Pass Set
202481 S.P. GP-9 Diesel
202911 S.F. GP-35 Diesel w/PS 3
202941 B.N. SD-45 Diesel w/PS 3.0
203391 G.N. DC-3 Rail Inspection Car w/PS 3
204021 G.N. F-3 ABA Diesel Set w/PS 3
204121 Milw SD70-2 Diesel w/PS 3
204171 BNSF Dash 8 Diesel w/PS 3
499.95 204211 BNSF Dash 8 Diesel Frt. Set w/PS 3
204651 Pennsy GE 44-Ton Diesel
1,599.99 204681 S.F. GE 44-Ton Diesel
1,599.99 205061 GE Evo Hybrid ES44AC w/PS 3.0
1,199.99 205101 BNSF ES44DC w/PS 3.0
206541 N.P. SD-45 LH Diesel w/PS 3.0
207311 S.F. Dash 8 Diesel w/PS 3.0
200241RK N.P. RS-3 w/PS 2.0
200243RK N.P. RS-3 Dummy
200831RK N.P. Alco RS-1 Diesel w/PS 3.0
201161RK G.N. SD-45 w/PS 3
204621S Milw E-6 ABA w/5 Pass Cars
29831RK BNSF GP-9 Diesel w/PS 2
29901RK MRL SD70ACe w/PS 2

A Lionel no.156 S-2 is reborn

DOING IT RIGHT THE SECOND TIME AROUND

Here is a tale of a 100-year-old Lionel New York Central class S-2 locomotive that would not disappear and came to me twice for help. It started in May 2015, when my friend Bill asked me to paint the shell of a Lionel no. 156 so he

could operate the O gauge locomotive. At the time Bill also had a motor and chassis, but I never saw either of them and assumed he had only the shell. The shell was in bad condition.

I removed the handrails from their stanchions, stripped the paint from the shell, ground off the rust, straightened the sheet metal, soldered some open joints that didn't match, sanded everything to a smooth finish, and proceeded to apply primer and four coats of Rust-Oleum Dark Machine Gray paint as Bill had approved (Photo 1). Bill also asked for red window trim and grills, which I did in addition to installing the handrails.

I didn't know too much about the age and value of this engine, and finished the job without doing research on its original appearance, motor, color, and trim. Everything looked good, so I returned the box-



1 Robert's first crack at a Lionel no. 156 locomotive was a fast, basic repaint for a friend. Some years later he encountered the model in an auction and decided to do a proper restoration.



Thanks to Robert's patient and careful work, the restored O gauge no. 156 is ready for a second century of operation.

cab to Bill, who liked the finish. The job was completed, or so I thought.

Fast-forward to June 2017. While looking at auction items I came to a screeching halt when I saw a gray 156. I knew immediately that was the shell I had done for Bill more than two years earlier (Photo 2).

The 156 in the auction had never been completely restored and was listed as a "Lionel O Gauge Prewar 0-4-0 Electric Locomotive-Custom Painted." There was no reference to its being a 156 (the number wasn't on the shell or body).

I called Bill and asked about his putting this locomotive up for auction. He replied that he had given it to a friend and was not aware of the auction.

I found out Lionel cataloged the 156 between 1917 and 1923, which made it a 100-year-old design. I also found out the 156 had leading and trailing four-wheel trucks (missing from the auction piece) and early tab couplers. I put in a bid and

won the auction. My research went from "basic" to "advanced detail," and I searched for information about 156-type electrics.

QUICK HISTORY

I learned the 156 was based on a New York Central class S-2 electric-profile locomotive. The correct designation of the S-2's wheel configuration is 2-B-2 and not 4-4-4 like a steam engine's configuration.

While waiting for delivery of the model, I hunted for parts for the leading and trailing trucks and learned they're difficult to find. I even considered buying an old 156 that had trucks, but had no luck at finding one at a reasonable cost (less than hundreds of dollars).

I eventually found what I needed at Henning's Trains in Lansdale, Pa. The price was higher than I'd expected (\$60 plus shipping), but I reminded myself it was a 100-year-old locomotive and deserved the very best in this restoration.



2 The original repaint was gray with red trim.



3 Robert needed to apply graphics in the Lionel style, so he obtained a rubber stamp and gold ink to practice stamping. He used the shell from an old Lionel Standard gauge no. 33 locomotive to develop his skills.

COLORS AND STAMPS

Next, I established that four colors were available on the original: dark green (most popular), maroon, olive green, and gray (scarcest). Not knowing the original color of this particular locomotive, I decided to go with gray. Using a paint chart published by the Train Collectors Association, I determined the gray color chip used for the no. 152 series of locomotives that included the 156 could be replicated with a spray paint made by Train Enamel (www.trainenamel.com).

I was interested in duplicating the side herald (New York Central oval shape) and "156," but didn't like the film image for decals. The dry transfers I found did not include the herald I wanted. I then decided to look for ink stamps, as used on the original 156 locomotives.

I settled on stamps provided by JLM Trains, along with its gold ink. To do the best stamping, I needed a sheet of glass and a brayer to spread the ink thinly and evenly on the glass. I purchased the brayer at Michael's store for less than \$10 with a coupon, but they are available at any crafts store. Make sure to get one with a soft roller for ink stamps.

The glass sheet came from a 5 x 7-inch picture frame I had. Remember to handle the glass sheet carefully and wear glasses and gloves for safety. I was fortunate to have a Lionel Standard gauge no. 33 shell with New York Central stamps in my junk pile that I used to test stamps before turning to the 156 (Photos 3 and 4).

MOTOR AND BODY WORK

Once the 156 had arrived, I checked it and realized it needed general maintenance. I soaked the motor in mineral spirits for five minutes and carefully cleaned the parts I could get to, including the brushes, gears, wheels, and side frames. I disassembled the manual direction controller and cleaned all the contact surfaces



5 The motor received a routine cleaning and maintenance and it ran flawlessly.

with CRC QD Electronic Cleaner.

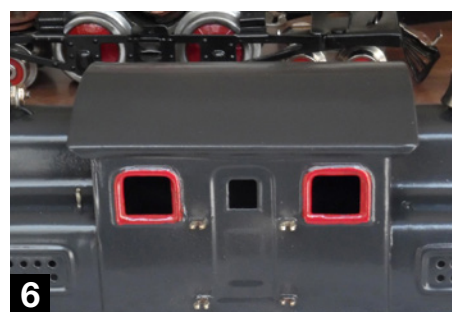
When I had finished reassembling the unit, I placed light oil on the axles and shafts and white lithium grease on the gears. Then I filed the brushes to clean off the carbon and cleaned the rotor contact plates with an eraser (Photo 5). I put the chassis on the test track, and away it went!

Since I had painted the shell two years before, I knew what was now needed. I removed the railings, roughed the surface, and put on four new coats of the gray paint until I had a smooth finish.

I next sprayed the chassis semi-gloss black and painted by hand the window frames and motor wheels red to match the red on the new leading and trailing trucks (Photo 6). A few days later, I attached the railings and prepared the model for reassembly and ink-stamping the NYC oval and locomotive number on the sides.

I checked for continuity of ground for the headlight. Most prewar tinplate engines have a single wire going to the headlight and rely on the shell, frame, and motor to complete the circuit to ground. Since new painting can leave the shell and frame insulated, you must exercise care to verify a ground is available after assembly. I checked each step of the ground circuit with a voltmeter.

I made sure to scrape off the paint where the headlight strap tabs went through the shell until the voltmeter indi-



6 The surface was roughed, and coats of the gray paint applied until the finish was smooth. The chassis was semi-gloss black and windows were hand-painted.

cated continuity. I did the same at the tabs, where the shell was connected to the motor frame and the motor frame was attached to the motor.

After reassembly, a final check for continuity verified ground had been established for the light. The final test involved putting the engine on a track and seeing the headlight glow.

FINAL TOUCHES

Using an old Lionel no. 33 shell, I determined the ink amount and stamp image detail. I made a stamp support using a 2 x 4 piece for a guide to hold the stamps level and parallel to the 156 side.

I rolled a thin layer of gold ink on the glass and applied the oval stamp on one side before proceeding to the other side.

The second stamping did not go as well, and I had to erase it using mineral spirits, as recommended by JLM Trains. That worked well without affecting the gray enamel color already on the shell. Using the stamp guide, ink, roller, and mineral spirits to correct mistakes, I completed the stampings.

After drying for a few days, I applied a coating of clear polyurethane varnish spray to the stamps to provide scratch resistance. I now had a no.156 I hope will run another 100 years! – Robert Rello

PRODUCT REVIEWS

WITH BOB KELLER



Kalmbach Library photo

The 49er's carbody design was possibly the most distinctive steam design run by a railroad west of the Mississippi River.

In the world of streamlined steam-powered locomotives, it would be fair to say the goal was a visual statement of something akin to a bullet passing through air. Some designs achieved this end: the New York Central 4-6-4 Dreyfuss Hudson, the Norfolk & Western J-class 4-8-4 Northern, and the Baltimore & Ohio *Royal Blue* 4-6-2 Pacific. Other locomotives varied from this premise, including the Pennsylvania RR's T1 (axe head), the New York Central's *Commodore Vanderbilt* (overturned wash tub), and the Union Pacific's 49er (getaway car).

Yes, I said getaway car. The 49er looks fast and built for rugged use, like the New

York Central's *Mercury*. I can envision William Bendix at the throttle as he and Humphrey Bogart pull off a heist of a Railway Express Agency car full of gold. Walter Brennan will be hanging out the side of the cab, looking for pursuers. When the railroad tries to pull that heavy-weight coach over the junction crossing to stop them, this baby will blast right through. Next stop, Canada!

Suffice it to say, the Union Pacific 49er looks like a hard-working locomotive and not some frilly lightweight steamer just off the local milk run.

The 49er was one of two Union Pacific locomotives streamlined to act as power for the passenger train of the same name. The 49er was created as a once-every-five-days train to supplement the *City of San Francisco*. This helped speed additional passengers to the celebrated Golden Gate International Exhibition held in San Francisco in 1939 and '40. One locomotive was the no. 7002,

an Alco 4-8-2 Mountain. The other was the no. 2906, a Baldwin 4-6-2 Pacific. The train ran from 1937 to 1941. The streamlining came off in 1942.

OPENING THE BOX

First impression: Heavy and compact. Very brick-like. It feels like a loaded ammo can. I'm guessing the difference is the shape and thickness of the die-cast metal shell.

The nose of the 49er is smooth, but with a raised band running up from the pilot to the stack area. Two metal belts overlap this ridge, and each has wingtips at the ends. A photo of the prototype reveals hinges on both sides, but I can't find any means to open them, other than removing the pins from the

hinges. Design element or practical (though mysterious) hatch, who knows? I prefer to think it reinforces the nose, lest it be shaken apart by the vibrations at speed.

The pilot is a solid design that suggests

Hot rod!

O GAUGE UNION PACIFIC 49ER 4-6-2
PACIFIC FROM MTH ELECTRIC TRAINS

This model is a mover! It has enough mass to make the test track vibrate when running fast

a plow for snow. There is a set of three steps running up each side of the pilot.

The headlight is centered in the middle of the nose. Crowning the front are vents for an air duct system to facilitate the efficient flow of smoke along the body.

What is cool about this is that along the roofline of the shroud there are recesses for hardware, such as whistles and pop-off valves. This isn't unusual for streamlined models. But there are clearly designed channels to facilitate air flow and reduce resistance. This is a very interesting visual element!

The number boards are on the sides of the boiler, and there is a handrail running from the pilot to the cab. The running boards have a curved side that fits right in with the curvature of the shell. Save the topside appliances, the sides are smooth, other than the seams and some rivets.

The cab has an interior painted brown. There are two crew figures. The decorated backhead has white-faced gauges and red valve handles. There is a light in the center of the backhead.

The cab's side window bars are very thick. They seem more like bars from the movie *20,000 Years in Sing Sing* than window frames. I was surprised that prototype photos revealed they match the thickness on the model.

The sides of the cab have grab irons for the crew to use getting into the cab. Interestingly, the cab roof of the *49er* is flat! I'm not sure I'd seen a modern (post-World War I) steamer with a flat top!

The tender is a tall, square hunk of metal with nicely designed curves at the top of the car sides. There are steps and grab irons on the front of the car. The coal load is the chunk type and not cast in.

The car mounts three axle trucks. There is a ladder, rather spiffily attached to the rear on the fireman's side. There is a backup light in the middle of the car's rear flank. The locomotive is equipped with MTH's wireless drawbar.

The paint scheme was delightful. A lively unlike what we expect from the Union Pacific! The brown, red, and yellow would



Nothing says the future like a streamlined locomotive with an aggressive paint scheme, including the Union Pacific 49er.

have stood out on the point of a streamliner. I particularly liked the cat's whiskers on the nose. One author noted the two colorful *49er* locomotives virtually became the public face of the railroad during their short life.

The Union Pacific's Overland Route logo was applied to the nose and on the sides at roughly the steam chests. The name "Union Pacific" was placed on the tender with accent striping that suggested movement.

ON THE TEST TRACK

This O gauge model was a mover! It ran well at low speeds and had enough mass to make the test track vibrate when the throttle was open wide. The sound package was good, with deep sounds and a nice whistle. Right out of the box, the model produced enough smoke to fill the skies of Train Town without any fluid needing to be added.

I experimented with different car and weight combinations, and there was no change in the locomotive's performance. It was steady throughout the testing.

The tender's coil coupler worked flawlessly, even during the oft disastrous



The cab has a crew, a decorated boiler backhead, painted handles and gauges, and an LED cab light.



The round cab windows and the prototypical thick frames lend this an element of Buck Rogers-like style.

"speed up, uncouple the car, and open the switch after the locomotive but before the train game."

The speed range was good, ranging from 6 scale miles per hour on the low end to 64 scale mph on the high side. I was more than a little surprised that the drawbar pull exceeded 2 pounds. I checked it a few times, and it was at or just higher than that number. So I think we may have a good freight hauler here, too!

I love the fact that these RailKing steamers give operators with modest layouts (or budgets) a chance to field an amazing variety of locomotives that are affordable and built as well as their Premier Line cousins. If you're a Union Pacific fan or have an eye for unique streamlined steam, check this out at your local MTH retailer. – Bob Keller

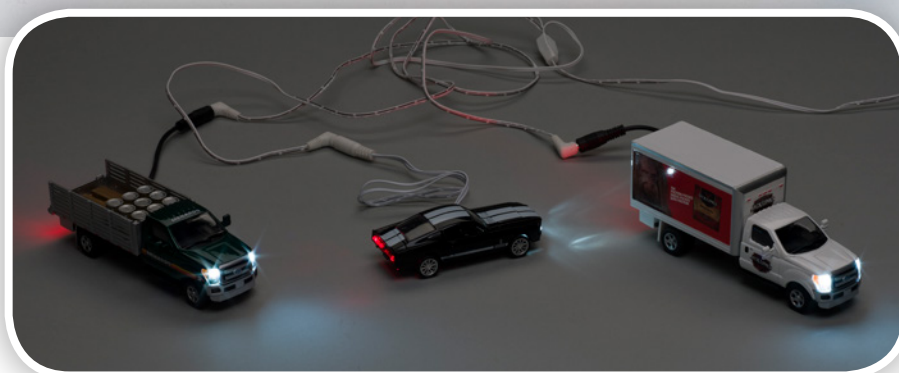
O GAUGE UNION PACIFIC 4-6-2 FROM MTH

Price: \$499.95 (no. 20648-1) **Min Curve:** O-31 **Cmd Low:** 6.1 smph **Cnv Low:** 7.7 smph **High:** 64.1 smph **Drawbar pull:** 2.1 lb. **Features:** Two can-style motors, ProtoSound 3.0 command and sound system, smoke unit, coil coupler on tender **Current-production road names:** Baltimore & Ohio, Lehigh Valley, Norfolk & Western, Southern Pacific, and Union Pacific



Light 'em up!

O GAUGE VEHICLES AND
PLUG & PLAY SYSTEM
FROM MENARDS



The Plug and Play system and the new lighted vehicles from Menards let you build a power network to place and swap out vehicles in scenes of your choice. The lighting is bright and will create an impressive traffic scene in dim light.

Virtually every layout I've ever seen has vehicles scattered about the train board. They help to convey realism while presenting a scene that tells a good story. The autos generally aren't the stars of the show, but they are often vital members of the cast. Hobbyists want their layouts to look natural in bright or dim light, so vehicle illumination is a desirable feature.

I believe the first illuminated vehicles I saw were from Canadian artist Jack Pearce, who rigged lights in fire trucks, police cars, and sedans. You name it and he could put in lights. Jack even came up with diorama scenes for your layout, such as car wrecks and one with a helicopter spinning up (with a sound clip)! So rest

assured, functioning vehicle lights are a real thing in toy train hobby.

Menards is no stranger to illuminated vehicles, primarily battery powered. Now, the home-improvement chain has launched a new line of trucks and automobiles with an interesting twist. They have the potential to spice up any street

scene. They are pre-wired to plug into a power grid!

We received four of the 12 vehicles (six Mustangs and six trucks) released by Menards: the nos. 279-4207 lighted Menards stake truck with barrels and lumber, 279-4215 lighted F350 Jack's Links die-cast box truck, 279-4237 lighted yellow Mustang, and 279-4238 lighted classic-style black Mustang. The cars cost \$24.99 each, and the trucks cost \$29.99.

There is also the no. 279-4035 Plug and Play adapter, an eight-piece plug and play accessory kit. There are six

straight male/female wire pieces and two "Y" splitters. This pack costs \$9.99.

THE VEHICLES

The O gauge vehicles are standard Menards die-cast vehicles that have been modified. The cars look sporty, the trucks have loads, and there are some great color combos. They are also mixes of die-cast metal and plastic. For example, the Jack's Links truck box is plastic. On the pickup truck the barrels and lumber cargo load are plastic.

The vehicles all have working headlights and taillights.

Port Lines HOBBY

www.portlines.com

doug@portlines.com

(978) 465-8798

"Your S-Gauge Specialists!"

ON-LINE AMERICAN
FLYER PARTS CATALOG

AF, Lionel, MTH, Am. Models,
& other S-gauge products!

ChooChooAuctions.com

The premier site for serious train collectors,
whether you are buying or selling!

Easy to use. Friendly, fast, and fun.
Please stop by and say hi!

New items
listed
every day!

www.choochooauctions.com

ELEVATED SUBWAY BRIDGE SYSTEM
HO & O SCALES
All Curve Sizes

Custom Stations
ask for Jim WWW.BRIDGEBOSS.COM @msn.com

NYERGES BOLT & SCREW CO.

A Division of L & L MTC Ltd.

We have purchased Ted Nyerger's screw & small parts business. We now offer screws, small parts, rivets, and other necessary items for the repair and maintenance of LIONEL trains. Our price list is posted on our website.

LEN CARPARELLI • L & L MTC LTD minimum order of \$15.00 + shipping
(201) 438-1266 • www.lencarparelli.com

Crushed Granite BALLAST

Dennis Brennan says,
"It ain't chicken grit!"

Brennan's Model Railroad

P.O. Box 520174 Independence, MO 64052 • (816) 252-4605

www.brennansmodelrr.com

Arkansas Traveler Hobbies

Located in the heart of Bald Knob

Visit our 100 year old 1915 MoPac Depot,
and Regional Rail Museum

400 Market Street • Bald Knob, AR 72010
501-RAILFAN (724-5326)
athtrains@yahoo.com

LEN CARPARELLI

ACCURATE, AUTHENTIC, PROFESSIONAL
RESTORATIONS SINCE 1972.



L&L Model Train Restoration Co.
www.LenCarparelli.com

1 Orient Way, Suite F-348, Rutherford, NJ 07070 • (201) 438-1266

Visit our website to download our free catalog.

HENNING'S TRAINS

Serving the Model Railroader Since 1939

Pre-War/Post-War Parts

COLLECTOR COLOR PAINT

Model Engineering Works

Toy Train Restoration Products

128 SOUTH LINE ST. • LANSDALE, PA • 215-362-2442

WWW.HENNINGSTRAINS.COM



Jamestown Train Depot

Quality New &
Used Train Sales

www.JTTrains.com

Lowest Price Guarantee

Service, Repair & Upgrades for most manufacturers
We Also Buy Train Collections, 540-878-0397

When contacting
advertisers, mention
you saw their ad in
Classic Toy Trains
magazine!

Millhouse River Studio
2541 River Rd., Niagara Falls, NY 14304 Division of Studio Z

Turntable & Transfer Tables

Aluminum Construction Made in USA Scale Brass Details Auto or Manual Indexing

NEW Transfer Table Diamond Plate Deck & Riveted cab upgrade option

(716) 830-5267
www.studiozphoto.com/millhouse.html

www.raildesignservices.com

We design model railroad layouts in any scale or revamp any existing track plans to suit your specific requirements. Custom railroad graphics, structure and car building. Let us bring your dream railroad to life!

Michael Tylick
781 837-2511
413 262-1582

"The Easy Way To Assemble & Disassemble Track."

The T-tracker II draws track together for perfect electrical continuity for smoother running trains. Excellent also for holding sections of track for sawing.

For information and order form, please send a self-addressed stamped envelope to:

T-tracker II
Ttracker2@aol.com

Dept. 2
244 SE 5th
Troutdale, OR 97060
(503) 667-2444



TK TRAINS Phone 740-633-6607

500 Hall St, Building 1
Bridgeport, OH 43912
Just off I-70

O Gauge Trains, Track, Scenery,
Accessories and Much More!
Fully detailed, operating O gauge layout.
We have Lionel, MTH,
Atlas and many others!

Visit us online for great savings!
www.tandkhobby.com

AffordableModelRailroads.com
GETTING YOUR DREAMS ON TRACK

Professional Layout Design & Construction
We Design & Build New Layout 3 Rail / 2 Rail Layouts
or Complete Unfinished And In Progress Layouts!

We Can Build On Your Site or In Our Shop
MR@AffordableModelRailroads.com
(800) 216-9202

STOCKYARD EXPRESS LLC

OBERLIN, OHIO (440-774-2131)

www.stockyardexpressllc.com

MTH Custom Run - Taking Orders

30-20399-1 NKP H10-44 (#125) \$329.95

20-61035 US Army Hospital Ward Car \$99.99

NKP Road 40' AAR Express

Boxcar - Silver \$69.95 ea

20-93718 (#8502) or

20-93719 (8503)



Metro Trains & Hobbies

12951 Metro Parkway, Suite 8

Fort Myers, FL 33966

(239) 332-0422

Find Us on Facebook!



Tinplate Repair Parts, Light Bulbs & Supplies
for Dealers, Collectors and Operators!
SUPER-FLEXIBLE WIRE for pick-up rollers, and...

LIONEL-TYPE
2,3,4,5 and 6-WIRE
FLAT CABLE

WIRE-Plex™

2966 South Church Street
Suite 167, Burlington, NC 27215

Wire-Plex.com

Phone: (336) 549-0343 • Email: davis@wire-plex.com





Here are the Menards O gauge delivery truck and a Ford Mustang and their electrical connections. Also shown is the eight-piece Plug and Play adapter kit. Six extensions and two “Y” splitters will expand the reach of power for vehicles or illuminated Menards structures.

They have a plug and wire dropping down from the center of the body. The internal wire on the trucks is thin, with a heavy black protective sheath over the wires. The autos don't have the extra sheath, but a robust plastic insulation. All the vehicles have a male barrel plug attachment at the end.

THE CONCEPT

Wiring has always been the trick with powering lighted vehicles. Back in the late 1990s, some of the earlier vehicles could be powered with a tap into track power (not such a good idea in the era of steady 18-volt power to the track), and some were directly powered with a small adapter.

The new releases from Menards move the concept forward. Each vehicle plugs into a connector that can be one of a series of vehicles fed from the adapter. While you can feed it over the surface of your layout, you'll be better served by drilling a hole down through the street/parking lot/dirt road where you wish to locate the vehicle.

If you sink a 7/16-inch hole, the plug will clear the board just fine. You may want to number or color-code the wire with tape under the table for future reference.

We used an older three-outlet AC to DC power adapter and powered three of the vehicles from that. We also hooked

up the Plug and Play kit to a single line and operated three vehicles from one of the feeder lines. It is a simple process.

BUILDINGS TOO

If you have added a number of the Menards structures to your layout, this will eliminate the need for one wall adapter per building.

Just apply the same practice as with the vehicles and build your power network beneath the tabletop, feeding the wires over the surface. This greatly simplifies the wiring process and eliminates tabletop clutter. You may want to color the wires to look more natural.

Keep in mind that the Menards Hotel and O Gauge World

O GAUGE ILLUMINATED VEHICLES FROM MENARDS

Price: Autos 24.99, trucks, \$29.99, no. 279-4062 4.5-volt three-outlet adapter \$9.99, no. 79-4035 Plug and Play adapter kit \$9.99 **Features:** Die-cast metal and plastic construction, front and rear lights, each vehicle has a male barrel plug connector pre-wired to the frame.

Headquarters will require the 4.5 volt 5000-mV adapter to support the greater quantity of LEDs the buildings use.

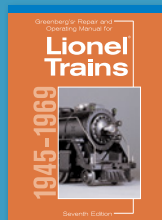
The new lighted vehicles from Menards will increase the variety of traffic on the streets of your train town. When the room lights are low, they will help its citizens find their way home safely. – Bob

Build a **BETTER** Toy Train **LAYOUT**

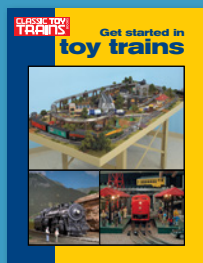
Discover helpful tips for building a better toy train layout. Explore the books below to find expertise on toy train modeling, including operating advice and guides to creating scenery.



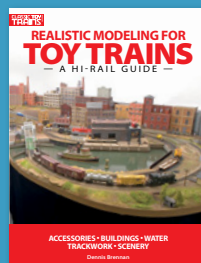
10-8400 • \$17.95



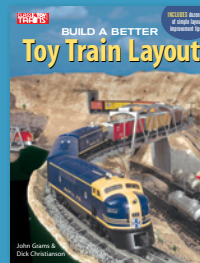
10-8160 • \$24.95



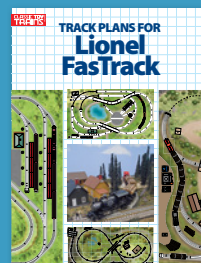
10-8360 • \$7.95



10-8390 • \$19.95



10-8803 • \$18.95

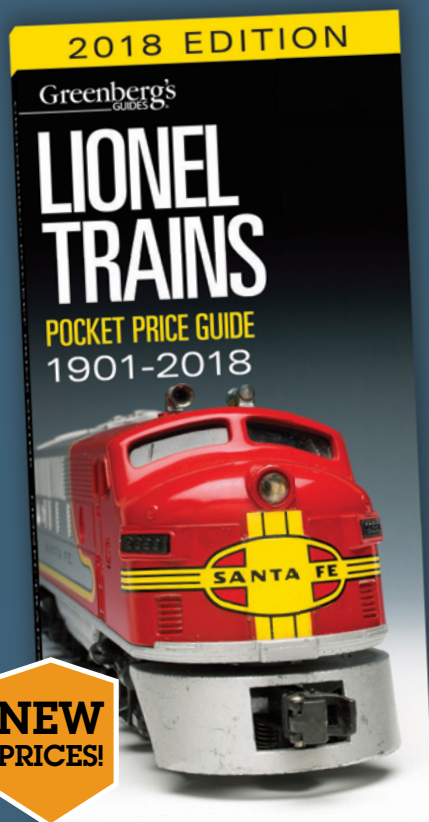


10-8804 • \$16.99



Buy now from your local hobby shop!
Shop at KalmbachHobbyStore.com

P30670



**NEW
PRICES!**

#10-8718 • \$21.99

P31118

NEW 2018 EDITION!

The **Essential** Price Guide

Now in its 38th year, *Lionel Trains Pocket Price Guide 1901-2018* is the preferred choice of toy train collectors and operators for accurate pricing information on prewar, postwar, and modern Lionel trains. The handy 400+ page guide features:

- Current pricing information.
- Identification and evaluation tips.
- O and S gauge train listings.
- An easy-to-read format with space for notes.
- And much more!

No wonder so many toy train enthusiasts rely on the *Lionel Trains Pocket Price Guide* for the most up-to-date information on their investment!



**Buy now from your
local hobby shop!**

Shop at KalmbachHobbyStore.com

Sales tax where applicable.

CLASSIFIED ADVERTISING

This section is open to anyone who wants to sell or buy toy trains merchandise. CLASSIC TOY TRAINS reserves the right to edit undesirable copy or to refuse listing.

Word Rate per issue: 1 insertion – \$1.06 per word, 5 insertions – \$1.00 per word, 9 insertions – 92¢ per word. \$25 minimum order per issue. Payment must accompany the ad. To receive the discount you must order and prepay for all ads at one time. Count all initials, single numbers, groups of numbers (i.e. 4-6-4 or K4's), names, address number, street number each as one word. Example: R. Meister, 400 E Depot Ave., Waukesha, WI 53187 would count as 8 words.

Events Rate: \$35 per issue (55 word maximum). Ads will contain the following information about the event: state, city, sponsoring organization and name of event, meet, auction or show, dates, location, times, admission fee, name and/or telephone number and/or email of person to

contact for information. Name, daytime telephone number and street address of the person providing the information is also required but need not be included in the ad. Unless otherwise requested, ads will be published in the issue month that the event occurs in. Additional months are available at the \$35 per issue fee. Please specify issue date(s).

All copy is set in standard 6 point type. First several words only set in bold face. If possible, ads should be sent typewritten and categorized to ensure accuracy.

For CTT's private records, please furnish a telephone number and when using a P.O. Box in your ad, a street address.

SEND YOUR ADS TO: *Classic Toy Trains* — Classified Advertising 21027 Crossroads Circle, P.O. Box 1612 Waukesha, WI 53187-1612 1-888-558-1544 Ext. 815 Fax: 262-796-0126 E-mail: onlineclassads@kalmbach.com

CLOSING DATES: Jan 2018 closes Oct 10, Feb. closes Nov. 1, March closes Dec. 8, May closes Feb. 8, July closes Apr. 12, Sept. closes June 14, Oct. closes July 12, Nov. closes Aug. 9, Dec. closes Sept. 13.

Events

AL, MOBILE: Model Train Show sponsored by South West Alabama Railroad Modelers (SWARM). Via Health, Fitness and Enrichment Center, 1717 Dauphin Street, March 10, 11, 2018, Saturday 9:00am-5:00pm. Sunday 10:00am-4:00pm. Admission \$5.00, family \$10.00, children under 10, FREE. Operating layouts, several scales, train dealers, how-to-clinics. Information: Bob Adams, santafebob95@msn.com. Sellers contact Charlie Boyer, 251-454-0572, charlieboy6@comcast.net

CO, DENVER: Rocky Mountain Train Show March 3-4, 2018. Denver Merchandise Mart, 451 East 58th Avenue, Denver, CO 80216. Saturday, 10:00am-5:00pm, Sunday 10:00am-4:00pm. 2-1/2 acres of model trains of all scales, 30 layouts, 600 sales tables, clinics and more. Admission \$10.00 Free Parking. Phone: 303-364-0274 www.RockyMountainTrainShow.com information@RockyMountainTrainShow.com

FL, JACKSONVILLE: 40th Jacksonville Model Train & Railroadiana Show. Saturday, February 10, 2018. Prime Osborn Convention Center, 1000 Water Street. 9:00am-5:00pm. Admission: \$9.00, under 12 free. Info: Alan Altman, P.O. Box 985, Land O' Lakes, FL 34639. 813-949-7197 Email: rrrshows@aol.com or www.gserr.com

FL, STUART: Martin County Model Railroads 11th Annual Train Expo. Martin County Fairgrounds, 2616 Old Dixie Hwy. January 20-21, 2018, 9:00am-3:00pm. Admission: Adults \$6.00, Operating layouts, sales tables, displays & NMRA information. Information: Bill Smet, 772-233-0279, mcmr2616@yahoo.com or PO Box 1498, Stuart, FL 34995.

IA, MONTICELLO: M.R.R.C. Train Show and Swap Meet. Berndes Center, Jones County Fairgrounds, 766 N. Maple St. Sunday, January 28, 2018, 9:00am-3:30pm. Admission \$5.00, children under 12 free. Contact Denny Beasley, CircleBarB607@aol.com or phone 319-270-1171 between 6 and 10 PM.

IL, CHICAGO: Lionel Collectors Club of America will hold its 48th National Convention July 23 through 28, at Westin Yorktown, Lombard, IL. Includes area tours, banquets and train store exclusively for LCCA members, swap meet open to the public Free Saturday 9:00am-3:00pm. LCCA club membership details on club website Lionelcollectors.org. Convention details at website early 2018.

IN, MUNCIE: 27th Annual Muncie Model Train Show, Delaware County Fairgrounds, 1210 N. Wheeling Ave., Zip: 47305. Saturday, February 24, 2018, 11:00am-4:00pm. Admission \$5.00, 12 and under free, 200+ Vendor tables, operating layouts, Circus Memorabilia, Free parking. Food on-site. Contact: Brandon Mundell, 765-288-6505, Store@toysforeverhobbies.com

MA, BOXBOROUGH: NASG National S-scale Convention: July 24-29, 2018, hosted by Bristol S-Gauge Railroaders at the Boxboro Regency Hotel, Vendors, Clinics, Tours, Auctions, Model contest, operating layouts & more. Cost varies with registration date and activities selected. For full information: www.bsgsr.us or email doug@portliens.com

ME, AUGUSTA: Whitefield Lions Club 32nd Annual Model Railroad & Miniature Dollhouse Show, National Guard Armory, Western Avenue. February 17, 2018, Doors open 10:00am-10:00am-3:30pm. Adults \$5.00, under 12 free, family \$10.00. Operating layouts, miniature displays. Contact: Steven Laundrie, 50 Fairview Ave., Randolph, ME 04346. Telephone: 207-582-1410, E-mail: slaundrie@roadrunner.com

NJ, BRICK: National Collector's Club Show, Elks Lodge, 2491 Hooper Avenue. Brick, NJ 08723. Sunday, February 4, 2018, 9:00am-2:00pm. Admission: \$6.00; under 10 free with adult. John LaLima 732-845-5966. Go to www.eastcoastrainparts.com and click on The Brick Show.

NJ, LINCROFT: National Collector's Club Show, Christian Brothers Academy, 850 Newman Springs Rd., Zip: 07738. Sunday, January 21, 2018, 9:00am-3:00pm. Admission: \$7.00; under 10 free with adult. Contact: John LaLima 732-845-5966 or Joe Bianco, 201-327-5254. Go to www.eastcoastrainparts.com and click on Lincroft Show.

NJ, TOMS RIVER: National Collector's Club Show, Elks Lodge, 600 Washington St. Sunday, January 7, 2018, 9:00am-2:00pm. Admission: \$6.00; under 10 free with adult. John LaLima 732-845-5966. Go to www.eastcoastrainparts.com and click on Toms River Show.

NJ, WAYNE: National Collector's Club Special Christmas Show, P.A.L. Hall, 1 Pal Drive. Wayne, NJ 07470. Saturday, February 11, 2018, 9:00am-2:00pm. Admission: \$6.00; under 10 free with adult. John LaLima 732-845-5966. Go to www.eastcoastrainparts.com and click on The Wayne Show.

NY, ROCHESTER: TCA Upstate NY Chapter & Edgerton Model RR Club, A&S Train Show. Edgerton Community Center, 41 Backus Street. Zip: 14608. Saturday, February 24, 2018 TCA Members: 9:00am-10:00am. Public: 10:00am-3:00pm. Admission \$5.00, children under 17 free w/paid adult. Call: Chuck 716-390-8216 or Use 585-544-0916. E-mail: tca.usnyc@yahoo.com or www.upstate-ny-tca.com

OH, MT. HOPE: CJ Trains Spring Train and Toy Show. Mt. Hope Event Center, 8076 St. Rt. 241, Zip 44660. Saturday, March 24, 2018, 10:00am-4:00pm. Admission: \$5.00, Free under 12. \$25.00/dealer table. 600+ tables. Contact, Jon Ulbright, 330-262-7488, cathijon@ssnet.com Website: www.cjtrains.com (GPS info 8076 St. Rt. 241, Millersburg, OH 44654)

OH, TOLEDO: Greater Toledo Train & Toy Show. Owens Community College (SHAC), 30335 Oregon Rd., Perrysburg, OH 43551. Sunday, March 11, 2018, 11:00am-3:00pm. Early Birds: 9:00am-3:00pm. Adults \$6.00/Early Birds \$10.00, 12/under FREE w/adult. Contact: Randy Ramsey, 1566 South Ave., Toledo, OH 43609, 419-215-4181, toledotomymasters@gmail.com

PA, ALTOONA: Alto Model Train Museum Association. Blair Convention Center, 1 Convention Center Blvd. Sunday, March 11, 2018, 9:00am-2:00pm. \$5.00 admission, under 12 FREE. Over 100 tables of TOY TRAINS & PARTS, largest train show between Pittsburgh & York. Vendor tables available \$20.00 each. For info contact: John Curfman, 814-695-2938 or e-mail: jmcuf@aol.com

PA, NEW CASTLE: BLRHS Frosty Rails Train Show. Shenango Twp VFD Social Hall, 2424 E. Washington St., 16101. Next to Dunkin Donuts, February 18, 2018, 10:00am-3:00pm. Adults \$5.00 (\$4.00 if you mention Classic Toy Train ad) Children under 12 free. For show info: blrhs.org or table reservations: Clark McKim cmckim1@verizon.net 412-974-0935

SC, COLUMBIA: Jamil Temple, 206 Jamil Road. Saturday, March 24, 2018, 9:00am-3:00pm. Admission \$5.00, under 10 FREE. Over 200 vendor tables, Thomas the Train & Friends, Railroad collectibles. Contact Todd at 843-307-8674, southcarolinatradeshow@gmail.com or www.SouthCarolinaTradeShows.com

TX, PLANO: NTC 3rd Annual Fall Plano Train Show. Plano Center, 2000 E. Spring Creek Parkway. January 20-21, 2018, Saturday 10:00am-5:00pm; Sunday 10:00am-4:00pm. Adults \$10.00, 12 and under free w/adult. All scales & Tin Plate. Dealer tables, How-To Clinics. Information: Chris Atkins, chris@railroadmodeler.com 469-438-0741. Visit www.dfwtrainshow.com

CANADA: ONTARIO, ESSEX: 23rd Annual Model Train Show. Essex Public School, 72 Brien Ave. E. Essex, ON. N8M2N8. February 24 & 25, 2018, Daily 9:30am-3:30pm. Adults \$5.00. Display, Memorabilia, Interactive Train Model and More! Contact Historic Essex Railway Station at 519-716-9800 or heritageessex@bellnet.ca

S Gauge For Sale

AF TRAINS, PARTS, ACCESSORIES. Visit <http://www.trainsmore.com> or write for free catalog. Trains & More, P.O. Box 1751, Manchester, CT 06045-1751.

AMERICAN FLYER S GAUGE: 1946 to 1966 Post War Model Railroad Equipment: track, switches, trestle, rolling stock, parts and accessories. From operating items to collectables. www.RISHELAM.com

MASSIVE LIST OF GILBERT AND LIONEL AMERICAN FLYER: Updated daily. Original boxed sets, engines, cars, accessories, rare paper, catalogs and more, including boxed Plasticville, American Flyer and Plasticville parts. Buying all Flyer. Send \$3.00 actual postage, Judy Hajash, PO Box 5, Augusta, WV 26704-0005. 304-359-2194.

O Gauge For Sale

A 17X17 FOOT "L" SHAPED LAYOUT and "O" gauge collection. Lionel N&W and Southern Railway locomotives with TMCC. Assorted rolling stock. MTH transformer. Many new, in-box items. Motivated seller. All must go. Contact: Gary Vernon, 336-922-0800, in NC, bluegrassubvet@triad.rr.com

LIONEL "SUPER O" TRACKAGE: All items "Sold" & "Bought." Super "O" ORIGINAL bus bars. Rudley's Lionel Super "O" Layout Booklet, Mint, \$20.00. Contact Mike at 708-845-0937 or e-mail hspanier@aol.com

LIONEL MARX PLASTICVILLE: Big list of boxed sets, engines, cars, etc. Rare paper, catalogs, Lionel O, O27 & HO, Marx O & HO. Plasticville and Plasticville parts. Send \$2.86 actual postage Judy Hajash, PO Box 5, Augusta, WV 26704-0005. 304-359-2194.

LIONEL-ALL MOB UNLESS NOTED: Boxed Sets: 11195 Neil Young Penna F-3, Passenger Set with Add-on B unit Ln. \$995: 31791 New York Central Lionmaster Freight Set with/Track and Transformer \$795: 31718 Southern Pacific Oil Can Set \$1,695: 21759 Can. Pacific F-3 Passenger Set \$895: 29155 Rio Grande F-3 Passenger Set \$895: 29122 Erie Lackawanna F-3 Passenger Set \$895: Post War Celebration: 31742 Santa Fe Super Chief ABA with/6 Passenger \$1,295: 31711 Washash F-3 Freight Set with/A Unit \$695: 18191 West pacific ABA \$695: w/19122 Cal Zepher 6 car Passenger Set \$1,195: 38100 Texas Special AB \$595: w/29129 4 car passenger Set \$1,095: 31752 B&O ABA Split from Set \$495: F-3's: 18130 Santa Fe ABA \$495: w/19180 4 Car Passenger Set \$795: 18140 Milwaukee Road ABA \$495: w/19184 4 Car Passenger Set \$895: 18131 N. Pacific ABA \$495: 38197 S. Pacific Black Widow ABA \$595: 14500 Kansas City Southern ABA \$695: w/6 passenger \$1,195 Ln: 11724 Great Northern ABBA \$595: w/5 Passenger \$995: 11903 At. Coast Line ABA \$495: w/19154 4 Passenger \$795: Misc. Passenger Cars & Add-On's: 39169 At Coast Line 4 Passenger-Purple \$395: 19154 At. Coast Line 4 Passenger \$295: 19180 St. Fe 4 Passenger \$295: 19194 Kansas City Southern 4 passenger \$395: 29129 Texas Special 4 Passenger \$595: 29134 W. Pacific 4 Passenger \$495: 19122 Cal. Zepher 6 Passenger \$495: 39106 Can. Pacific 2 Passenger \$175: 39543 Texas Special B Unit \$150: 14542 Kansas City Southern B Unit \$325: 19153 & 19164 C&O 6 car Passenger Set \$495: 19108 Gr. Northern B Unit \$951: 14561 N. Pacific A Unit \$195: 18115 St. Fe B Unit \$125: Have Most Add-On's for Lionel F-3 Passenger Sets. Call for Prices. Call Jim 570-655-4891 4:00pm-10:00pm EST.

O GAUGE TRAINS AND ACCESSORIES FOR SALE: Send for list. Write Broyls, PO Box 182, Olympia Fields, IL 60461

O Gauge Wanted

ALL TRAIN COLLECTORS- We need more trains to supply our large customer base. Modern era specialists- Lionel, MTH, K-Line, Williams, Weaver, 3rd Rail, etc. We buy collections, store inventories, and parts of all sizes and eras. Send us your list or call us today. We travel extensively all over the US and Canada. Trainz, 2740 Faith Industrial Dr., Suite 200, Buford, GA 30518. 866-285-5840, Scott@trainz.com Fax: 770-271-1295.

HONEST, VERY RELIABLE, established buyer of Lionel, MPC, American Flyer, Ives, Marx and others. I will pay cash for large or small collections or dealer inventories. Long time advertiser in this magazine. I want to spend \$200,000 this year. I will travel if merited. Please call or send a list with your price (if possible). Charles Siegel, 387 Imperial Blvd., Ste. 2, Cape Canaveral, FL 32920. 321-799-4005. Fax 321-799-4044.

WE BUY ALL COLLECTIONS BIG & SMALL Lionel, American Flyer, K-Line, Marx, Weaver, Williams, Marklin, Hornby & more. Ready to travel, 30 years experience, confidential. Send us your lists today, 306 Sonoma Drive, Suite 773, Allen, TX 75013. www.txtrains.com texastrains@yahoo.com Phone: 972-824-7123

Miscellaneous For Sale

PRR 2018: All Pennsy Calendar \$18.50. Real photo railroad Christmas and Birthday cards, box of 10 with envelopes \$18.00. Prices are postpaid. Visit www.audiovisualdesigns.com for details.

Miscellaneous Wanted

MODEL AUTOMOBILE AND TRUCK KITS. Unbuilt or built. One piece to large collection. Good prices paid. Fred Sterns, 48 Standish, Buffalo, NY 14216, phone 716-838-6797, fax 716-836-6057, email: fsterns@aol.com

Parts and Accessories For Sale

PARTS CATALOG - LIONEL, AMERICAN FLYER, IVES, MARX, BUDDY "L", NOMA STATION, DORFAN, ERECTOR HUDSON, MPC, 2" Thick, 35,000 Parts Inventory: 700E Cabs, Frames, Roofs, Controllers, Bodies, Truck Assemblies, "E" Units, "OO" 55 Airplane, PREWAR-POSTWAR, \$25.00 Postpaid. RESTORATION TRAIN PARTS, 135 RICHWOOD DRIVE, GLOVERSVILLE, NEW YORK, 12078, (518) 725-4446, (6:00PM-10:00PM). PAYMENTS: MONEY ORDERS.

Custom Painting & Building

ARTWORKS Kit assembly service, kit bashing, scratch building service, painting and detailing. 972-989-3834, artroberts43@icloud.com

OREGON • Portland

Your complete model railroad store.
Gauges Z through G.
Lionel, MTH, Atlas, K-Line
Mon - Fri 10-6, Sat 10-5, Closed Sunday
www.wsor.com

WHISTLE STOP TRAINS

11724 SE Division St. 503-761-1822

PENNSYLVANIA • Blue Ridge Summit

The Exclusive model railroad store.
From N to G, we stock it all.
OPEN 7 days a week.
Only minutes from Frederick, MD.
www.mainlinehobby.net

MAINLINE HOBBY SUPPLY

15066 Buchanan Trail E. 717-794-2860

PENNSYLVANIA • Broomall

Lionel, American Flyer, LGB, Atlas & MTH
HO, N, ON30, Standard, O & S gauges
bought, sold & traded. Auth. service station.
Mon, Wed, Fri 10-9, Tue & Thu 10-7, Sat 10-5
www.nstrains.com

NICHOLAS SMITH TRAINS

2343 West Chester Pike 610-353-8585

PENNSYLVANIA • Greensburg

Authorized Dealer of Lionel, Atlas-O, MTH, N to
G, Track, Remotes, Buildings, Accessories, Buy,
Sell, Trade, Repair. Mon-Sat: Noon-6pm 5,500+
SqFt. Exclusively Trains! 20,000+ items

BRADY'S TRAIN OULET

1046 S. Main Street 724-838-8448

PENNSYLVANIA • Hanover

Lionel, American Flyer & MTH.
New Lionel & MTH at discount prices. Standard
O & S gauges bought, sold &
repaired. Authorized service station.
20 min. from York PA. Tue-Sat 12-6

TOY TRAINS UNLIMITED

28 York St. 717-637-4717

PENNSYLVANIA • Imperial (Pgh.)

Pittsburgh's largest MTH dealer.
Lionel, K-Line, Atlas, GarGraves, USA Train
Scenery supplies for HO, O & G gauges.
Buy, sell, trade old trains. Expert repair ser-
vice. Tue-Sat 10-6. www.imperialtrainco.com

IMPERIAL TRAIN COMPANY

450 Penn Lincoln Dr. 724-652-7552

PENNSYLVANIA • New Castle

Buy/sell/trade, repair all types of trains.
Giant Lionel village display during
the holiday season, November - January
Call for hours.
www.undergroundrrshop.com

THE UNDERGROUND RR SHOPPE

1906 Wilmington Rd. 724-652-4912

PENNSYLVANIA • Philadelphia (Feasterville)

Lionel, American Flyer, LGB, MTH, Marklin,
Bachmann, Williams, HO, N & Z.
We buy, sell & repair. Mon-Fri 12-8; Sat 10-5
www.JoesTrainStation.com

JOE'S TRAIN STATION

21 East Street Rd. 215-322-5182

PENNSYLVANIA • Strasburg

From trains to diacast to scenery, everything for
the layout builder. Open 7 days a week.
N, HO, O, Lionel, LGB.

Buy, sell, trade used trains. Located adjacent
to Choo Choo Barn. www.etrainshop.com

STRASBURG TRAIN SHOP

226 Gap Road 717-687-0464

PENNSYLVANIA • Zelenople

Lionel, MTH, Atlas O, Ross Custom Switches
GarGraves, Woodland Scenics
Please call or visit our website for hours
www.cttrains.com

CT MCCORMICK HARDWARE

147 S. Main St. 724-452-6130

SOUTH CAROLINA • West Columbia

All scales, all major brands
of model railroad equipment.
We buy & sell used Lionel trains.
Open daily 10-6. Closed Sun.

NEW BROOKLAND RR & HOBBY SHOP

405 State St. 803-791-3958

TENNESSEE • Murfreesboro

MTH authorized service center. We repair
Lionel, MTH, Bachmann, Atlas, K-Line & much
more. Hours: Mon-Sat 9-5. Closed on Sundays.
Call me, stop in or just email me @:
info@littlettrainrepairofkentucky.com

LITTLE TRAIN REPAIR SHOP

814 Woodmont Drive 615-956-9084

TENNESSEE • Murfreesboro

Authorized Value-Added Lionel Dealer &
Williams Dealer. Hundreds of rolling stock cars.
Large inventory of engines and accessories.
Visit our operating layout anytime, Monday -
Saturday 9-5

THOR'S

416-F Medical Center Pkwy. 615-895-6918

TEXAS • Dallas

Official Lionel Layout Builder Since 2001
Trainingshop/showroom includes:
Custom Layouts, Modulars, Model Stations,
Bridge Kits...come see...there's always
something new!!! www.trainworx.com

TW TRAINWORX

2808 McGowan St. 877-881-4997

VIRGINIA • Ashland (Richmond)

OPEN 7 DAYS MON - SAT: 10-7; SUN: 11-4
Authorized Dealer Most Brands & Repairs
New & Vintage ALL SCALES, Special Orders
I-95 Exit 92B West 1.2 mi to CSX Tracks

TINY TIM'S TOYS & TRAINS

104 S. Railroad Ave. 804-368-0063

VIRGINIA • Manassas

Northern Virginia's largest & most complete
train store for new & gently used Lionel,
Lionel & Bachmann. We carry Standard,
O, O-27, S, HO & N. Expert repairs.
dandhttrains@comcast.net

TOY TRAINS & COLLECTIBLES

7216 New Market Court 571-379-5497

VIRGINIA • Roanoke

Lionel, LGB, G, AF, HO, N & MTH
Buy, sell, trade, repair.
Mon-Fri 10-6; Sat 10-5
Two minutes off Exit 146 on I-81.

RAIL YARD HOBBY SHOP

7547 Williamson Rd. 540-362-1714

VIRGINIA/MARYLAND • Chantilly, VA

Full service storefront & online store. All makes
& scales. New/used trains sales, service, repair
& upgrades. Retail Store - www.traindepot.biz
Authorized Lionel Service Station & Digitrax
dealer. Online Sales Visit www.JTTrains.com

TRAIN DEPOT

13944 Willard Rd., Suite 1 703-953-3767

WASHINGTON • Burien (Seattle)

Close to SEA-TAC airport - short drive from
downtown Seattle. New & vintage electric trains
in all scales. Tues - Sat 11-6
www.electrictrainshop.com

THE ELECTRIC TRAIN SHOP

625 SW 152nd St. 206-244-7077

WASHINGTON • Kirkland

Lionel, American Flyer, LGB, HO, N.
Buy, sell, and repair.
Supplying all your railroading needs.
Open Mon.-Sat.
www.eastsidetrains.com

EASTSIDE TRAINS, INC.

217 Central Way 425-828-4098

WEST VIRGINIA • Wheeling

Largest Selection of Trains in the Valley
Buy - Sell - Trade - New & Used Trains
MTH-Weaver-Williams-Lionel-Atlas-Dept 56
M, F 12-7, Tu, W, Th 12-6, Sat 10-3
www.patstrains.com

PATRICK'S TRAINS

142 29th Street 304-232-0714

WISCONSIN • Butler

Lionel, MTH, Atlas, American Flyer, K-Line,
Kalmbach. Over 500 engines on display.
Also carry G, HO, N scale trains.
New and used. Repair, buy, sell, trade.
www.sommerfelds.com

SOMMERFELD'S TRAINS HOBBIES

12620 W. Hampton Ave. 262-783-7797

WISCONSIN • Green Bay

NE Wis. largest O Gauge dealer. Lionel, MTH,
Atlas O, 3rd Rail, Weaver & Williams Acces-
sories, structures, books & videos. Open
Mon 12-7 Tues-Fri 10-5 (Sat 10-2 Nov-Mar)
www.railtycoon.com (formerly GB TV & Trains)

GB TRAIN SHOP

1353 Velp Ave. 920-496-9697

CANADA-BC • Savona

Model trains in G, O, S, HO, N, Z. Old toy trains,
railway antiques, art, books, DVDs, souvenirs
and Thomas too. Canadian road names a
specialty. 20 min. west of Kamloops.
www.kellyskaboose.ca

KELLY'S KABOOSE, THE RAILWAY STORE

6648 Savona Access Rd. 250-377-8510

CANADA-ON • Dunrobin (Ottawa)

New & used Lionel, MTH, Marx, AF. Trains &
accessories for the collector & operator bought
& sold. Walther's dealer. Lionel SS#516. Orders
1-888-MALWOOD (toll free)
e-mail: malwoodstation@rogers.com

MALWOOD STATION

1169 Murphy Side Rd. 613-832-1374

CANADA-ON • Fergus

Model Trains for Beginners to the Experts
Buy, Sell, Trade, Repair
O/O27, HO, N, S, G
Lionel/MTH Auth. Sales & Service Centers
www.lioneltrains.ca

2B IN TRAINS

6168 Road 29 519-787-3280

CANADA-ON • Mississauga

6,000 sq. ft. All Trains!
Premier Selection & Service!
In store clinics and layouts!
Railfan Headquarters! Quick special orders!
www.cvrco.com

CREDIT VALLEY RAILWAY COMPANY, LTD.

2900 Argenteia Rd. Unit #24 1-800-464-1730

CANADA-ON • Mount Forest

45 Min North of Guelph. Authorized Lionel value
added dealer. One of Canada's largest Lionel
retailers MTH, K-Line & more. Full line HO
dealer. www.tctrainscanada.com
Fax 519-323-3809. Closed Monday

THE TRAIN CELLAR CLASSIC TRAINS

130 Main St. North 519-323-3935

CANADA-ON • Toronto (Markham)

Model Railroad Specialists since 1962
Lionel Authorized Distributor & Repair Center
All Scales - Special Orders
Closed Mondays www.georgestrains.com

GEORGE'S TRAINS LTD.

550 Alden Rd., Unit 101 905-470-6200

Run your Retail Directory
ad in the next issue of
Classic Toy Trains!

Call 888-558-1544,
ext. 815 for more information.

**CLASSIC TOY
TRAINS**

Go Digital!



Read *Classic Toy Trains*
on your favorite device!

- Live links.
- Zoom in & magnify.
- Bookmark pages.



Visit **ClassicToyTrains.com/DigitalEditions**

AD INDEX

IN THIS ISSUE

WE BELIEVE THAT OUR READERS ARE AS IMPORTANT AS OUR ADVERTISERS. If you do not receive your merchandise or a reply from an advertiser within a reasonable period, please contact us. Provide details about what you ordered and the amount you paid. If no action is obtained after we forward your complaint to the advertiser, we will not accept further advertising from them. *Classic Toy Trains* magazine, 21027 Crossroads Circle, Waukesha, WI 53186-4055
The Advertiser Index is provided as a service to *Classic Toy Trains* magazine readers. The magazine is not responsible for omissions or for typographical errors in names or page numbers.

Affordable Model Railroads.....	59	Lionel Operating Train Society, Inc.	21
Allentown Train Meet.....	5	Mario's Trains.....	21
American Models.....	21	Menard, Inc.	2
Amherst Railway Socieity.....	19	Metro Trains & Hobbies.....	59
Arkansas Traveler Hobbies.....	59	Mianne Benchworks.....	53
Barts Pneumatics Corp.....	19	Millhouse River Studio.....	59
Brasseur Electric Trains, Inc.....	53	Nassau Hobby Center.....	67
Brennan's Better Ballast.....	59	Nicholas Smith Trains.....	12-13
Bridge Boss.....	59	Port Lines Hobby Supply.....	59
Charles Ro Supply Co.....	23	Raildesign.....	59
Charles Siegel's Train City.....	5, 59	Rich Roman.....	22
Charlie's Trains.....	59	Ross Custom Switches.....	31
Classic Toy Trains Books.....	61	Roundhouse South.....	21
Die-Cast Direct, Inc.....	6	S & W Parts Supply.....	19
East Coast Enterprises.....	22	Showcase Express.....	53
Eastside Trains.....	53	Side Track Hobbies.....	27
Gargraves Trackage Corp.....	5	Stockyard Express.....	59
Glenn Snyder Display Systems.....	22	T & K Hobby Shop.....	59
Great Midwest Train Show.....	30	T-Trackers II.....	59
Great Train Expo.....	30	Texas Trains & Diecast.....	18
Greenberg Shows.....	30	Train World.....	68
Grzybowski's.....	7	Traincity.com.....	5, 59
Henning's Trains.....	59	Trains and Toy Soldiers.....	19
Jamestown Trains.....	59	Trainz.com.....	26
L & L Model Train Co.....	59	TW Trainworx.....	53
		Western Depot, The.....	21



NEXT ISSUE

SMALL LAYOUT SPECIAL

- Action and scenery on a great 4 x 16-foot railroad
- Loops, tunnels, and fun on a classic Lionel display!
- Visit an 8 x 12-foot railroad with plenty of excitement

HOW-TO

Custom loads dress up flatcars

Put your fleet to work with eye-catching cargo

Modern era classic

The Lionel Microracers set featured unique rolling stock

PLUS: News, reviews, projects, and more!

**ON SALE
FEBRUARY 6**

**CLASSIC TOY
TRAINS** MAGAZINE
www.ClassicToyTrains.com

Make a swimming pool

COOL OFF TRAIN TOWN AND BEAT THOSE HOT SUMMER DAYS

Whether you have Plasticville, kitbashed, or custom-built structures, this quick project will make a more convincing and fascinating suburban scene.

The original Plasticville swimming pool never seemed durable enough for my kid-friendly layout, so I decided to build my own stronger version.

To make this simple piece you'll need some quality 1/8-inch-thick plywood. (I used Baltic Birch.)

To decide on the size, use your available space and eye for proportions that look convincing.

Place a paper pattern on your lot to survey what looks good and fits with your structures. Experiment with shapes like kidney bean, circle, and rounded rectangle.

After cutting the pieces, use sandpaper to smooth them to your liking and add drain detail in the bottom if desired. When sizing the diving board, you have some wiggle room because

residential pool diving boards vary in size from their Olympic counterparts.

If you prefer your diving board to taper a bit toward the end, you can achieve this with appropriate sanding.

Next, choose your paint. This is where you can really have fun showing off your ideal pool. I used blue and gray acrylic paints from a hobby shop.

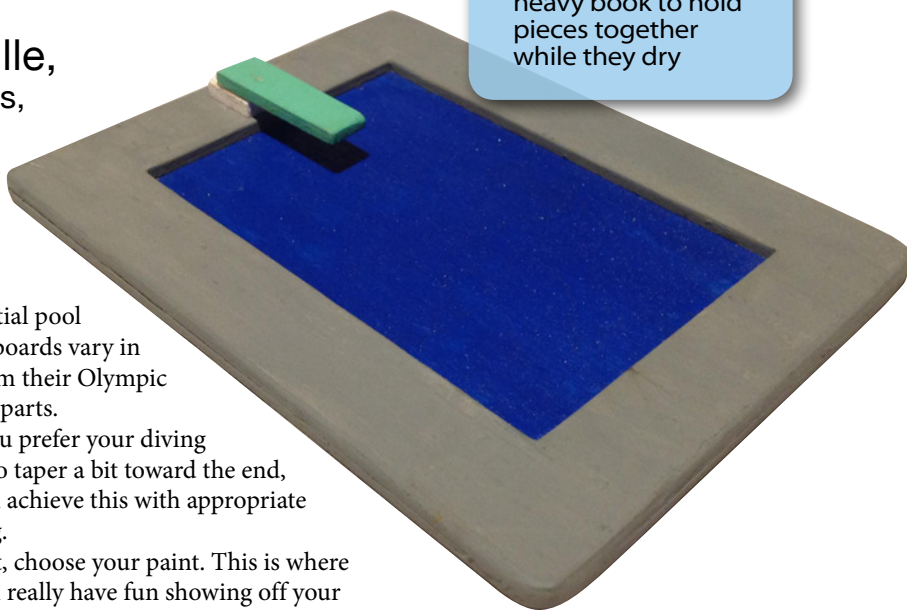
For the diving board I mixed blue and green to get a minty fiberglass color. It's easier to paint all the pieces before gluing them in place.

To get a glossy water sheen, you can apply a clear coat of your preferred finish over the paint. I used a fast-drying spray polyurethane. Other water modeling techniques also work well.

If you're really feeling crafty, you

WHAT YOU'LL NEED:

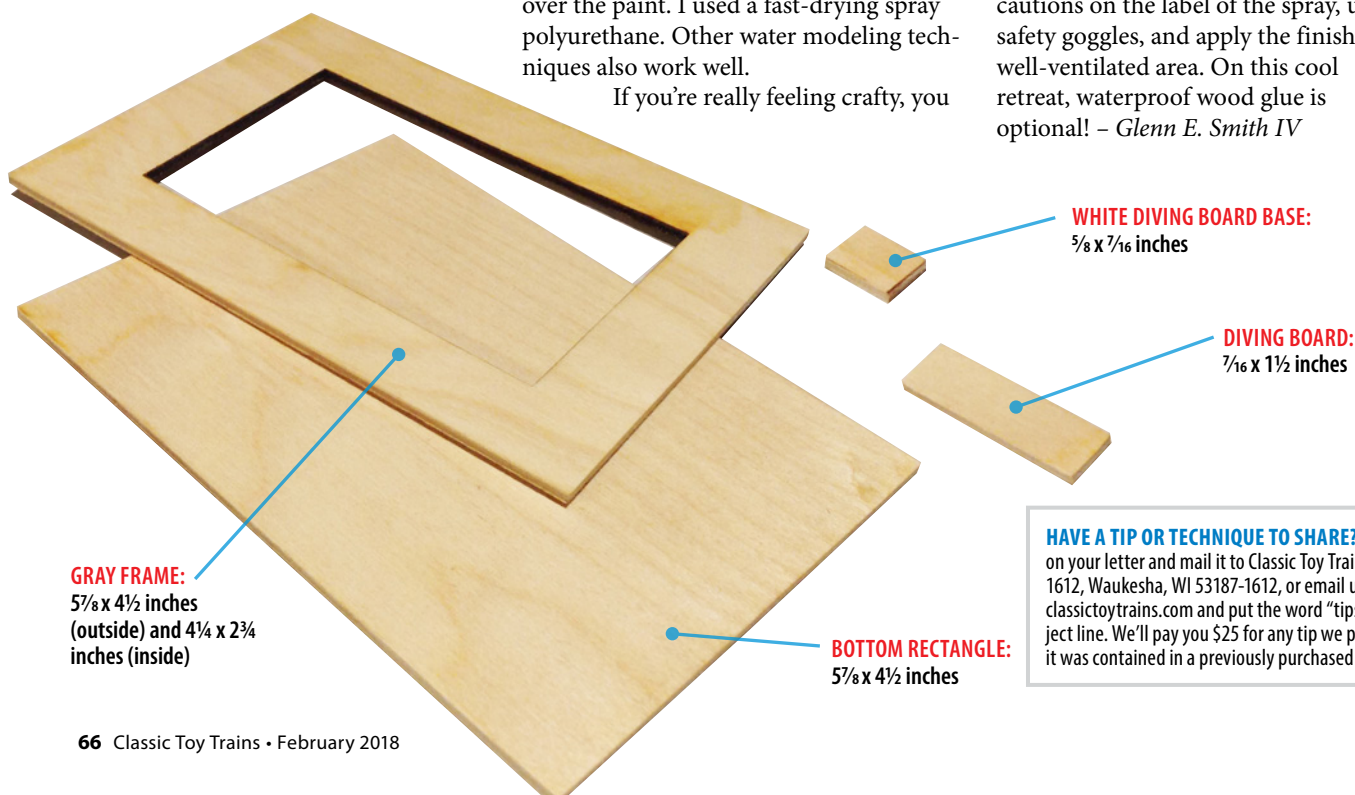
- 1/8-inch-thick Baltic Birch plywood
- Coping saw or rotary cutting tools
- Paint, brushes
- Wood glue
- Small clamps or a heavy book to hold pieces together while they dry



Let the residents of Train Town cool off on a hot summer day by taking a dip in this easily made swimming pool.

can add stairs or a pool ladder.

Remember to follow the safety precautions on the label of the spray, use safety goggles, and apply the finish in a well-ventilated area. On this cool retreat, waterproof wood glue is optional! – Glenn E. Smith IV



GRAY FRAME:
5 7/8 x 4 1/2 inches
(outside) and 4 1/4 x 2 3/4
inches (inside)

WHITE DIVING BOARD BASE:
5/8 x 7/16 inches

DIVING BOARD:
7/16 x 1 1/2 inches

BOTTOM RECTANGLE:
5 7/8 x 4 1/2 inches

HAVE A TIP OR TECHNIQUE TO SHARE? Write "Tips" on your letter and mail it to Classic Toy Trains, P.O. Box 1612, Waukesha, WI 53187-1612, or email us at tips@classictoytrains.com and put the word "tips" in the subject line. We'll pay you \$25 for any tip we publish unless it was contained in a previously purchased article.

Nassau Hobby Center

M.T.H / Lionel / - February Specials -



30 Day Money Back Guarantee. All orders add U.P.S. Prices are subject to change without notice. N.Y.S. residents add appropriate sales tax. Please make all checks payable to Nassau Hobby Center.

ALL MAJOR CREDIT CARDS ACCEPTED

13 W. Merrick Rd. Freeport, New York 11520 Tel. (516) 378-9594



Mail Order Hours 9AM to 5:30PM
Monday to Saturday



MTH PREMIER LOCOMOTIVES

20-20445-1	BNSF SD60	419.99
20-20447-1	UP SD60	419.99
20-20474-1	NH C-Liner	439.99
20-20506-1	GE EVO ES44	479.99
20-20511-1	BNSF ES44DC	449.99
20-20513-1	CSX Safety Train Set	649.99
20-20518-1	UP SD70Ace	449.99
20-2575-1	UP SD60M	299.99
20-3063-1	Golden Spike Berkshire	699.99
20-3284-1	Grand Trunk Mikado	699.99
20-3311-1	WM 2-10-0 Decapod	799.99
20-3485-1	SP GS-4 Black	949.99
20-3488-1	Chaumont Mikado	1169.99
20-3489-1	LeMans Mikado	1169.99
20-3498-1	CN U1f Pass. Set	999.99
20-3541-1	NYC Niagara Pass. Set	1199.99
20-3550-1	WM H-9	809.99
20-3564-1	PRR Reading H10	809.99
20-3569-1	NPR Berkshire Pass. Set	1199.99
20-3578-1	UP Big Boy Freight Set	1499.99
20-3579-1	UP Big Boy Pass. Set	1499.99
20-3584-1	J-1e Pass. Set	1199.99
20-5671-1	Green Crocodile	799.99
20-5673-2	German DB E94 Crocodile	749.99
20-5695-1	NH EF-3b	719.99
20-5561-1	PRR BB-1 Electric	649.99
20-5562-1	LIRR BB-3 Electric	649.99
20-5695-1	NH EF-3b Electric	699.99
20-20688-1	LIRR FA-2 A Unit	399.99
20-20466-1	LIRR 44 Ton Switcher	399.99
20-20756-1	Amtrak Genesis	449.99
20-20607-1	NH F-7 A Unit	399.99
20-20458-1	WC SD45	399.99
20-2581-1	UP SD50	349.99
20-3261-1	NYC 0-4-0	549.99
20-3122-1	NYC 0-8-0	649.99
20-3118-1	Erie 0-8-8-0	1299.99
20-3192-1	WM 3 Truck Shay	999.99
20-3048-1	PRR Q2	1099.99
20-3079-1	Santa Fe Blue Goose	999.99
20-3216-1	NYC Dreyfuss	1099.99
20-3096-1	MR Hiawatha	1099.99
20-3040-1	Gold J1e Hudson	1099.99
20-3059-1	NYC J-1e PT Hudson	999.99
20-3077-1	American Freedom GS-4	1199.99
20-3145-1	GN 4-8-4 #2584	1099.99
20-3146-1	GN 4-8-4 #2587	1099.99
20-3044-1	UP FEF Northern	999.99
20-3171-1	PRR 2-10-4	999.99
20-3659-1	LIRR G-5 Sunrise	899.99
20-3660-1	LIRR G-5 #35	999.99
20-3633-1	WM Decapod	899.99
20-3647-1	NPR Mikado	949.99
20-1004-1	NYC J-1e Freight Set	1099.99
20-1003-1	NYC J-1e Tinplate Pass Set	1099.99
20-1006-1	#767W Freight Set	1099.99
20-1001-1	#767W Work Train Set	1099.99
20-3629-1	LIRR Atlantic Pass Set	899.99
20-3628-1	PRR Atlantic Pass Set	899.99
20-3301-1	SP GS-4 Freight Set	1099.99
20-2595-1	Harley Davidson Diesel Set	799.99

MTH PROTO 1 SPECIALS

20-2172-1	BNSF Dash 9 Freight Set	399.99
20-3024-1	N&W J Steam Locomotive	599.99
20-3043-1	PRR T-1 Duplex	799.99
20-2055-1	UP F3 A-B-A	
20-2055-3	UP F3 A-B-A - Both For	499.99
20-2115-1	Santa Fe Dash 8	129.99
20-2203-1	DRG Galloping Goose	129.99

MTH DAP

20-80006B	CN SD70M-2	499.99
20-80004C	MR GP-7 Dummy	199.99
20-80004B	MR GP-7	399.99
20-80003B	NH F-3 ABA	599.99
20-80002A	Sanat Fe Clear F3 A-B-A	499.99
20-80003A	BNSF GS-4	999.99
20-80001	CP F3 A-A Pass Set	599.99
20-80002E	PRR GG-1 Pass Set	499.99
20-80002G	CP 2 Car Alum Set	149.99
20-80002I	Baby Turbine Steam Loco	349.99
20-80003C	NH 5 Car Pass Set	349.99
20-80005B	NH 2 Car Pass Set	149.99

MTH PREMIER PASSENGER CARS

20-62001	NYC Woodside 3Pk	269.99
20-65094	NYC ABS 5 Car Set	349.99
20-65228	Texas Special 5 Car Set	399.99
20-65019	MR ABS 5 Car Set	349.99
20-62002	NYC Coach Car	79.99
20-4370	GN Baggage Car	84.99
20-69258	PRR 2 Car Set	149.99
20-65247	Freedom Train 5 Car Set	399.99
20-69235	Alaska 2 Car Set	119.99
20-40020	Alaska 5 Car Madison	399.99
20-65256	Alaska ABS 5 Car Set	299.99
20-41027	LIRR 2 Car Madison	149.99
20-62056	LIRR Woodside 3 Car	249.99
20-65254	MR 5 Car Pass Set	399.99
20-40023	NYC 5 Car Madison	399.99
20-66227	UP 2 Car Pass Set	129.99
20-6017	PRR Alum 4 Car Set	349.99

MTH SUBWAY SETS

20-20631-1	R-32 4 Car Set	549.99
20-20354-3	R-33s 2 Car Add-On	139.99
20-20355-3	R-33 Worlds Fair 2 Car Add-On	139.99
20-20356-1	R-33s Work Train 4 Car Set	419.99
20-20255-3	R-26 2 Car Add-On	139.99
20-2392-1	R-17 Redbird 4 Car Set	449.99
20-2757-3	LOV 2 Car Add-On	199.99
20-2759-1	Q Green 3 Car Set	349.99
20-2759-3	Q Green 3 Car Add-On	199.99
20-2283-3	R-32 2 Car Add-On	299.99
20-2756-1	LOV T/T Green 4 Car Set	399.99
20-2756-3	LOV T/T Green 2 Car Add-On	199.99
20-2446-1	R-26 Green 4 Car Set	499.99
20-2446-3	R-26 2 Car Add-On	249.99
20-2675-3	BMT 3 Car Add-On	299.99
20-4123-1	Mets Subway Set	399.99
20-6637	R-32 2 Car Add-On	349.99
20-2448-1	LOV Red 4 Car Set	399.99

30-2373-1	T/T Gray R-12 4 Car Set	449.99
30-2758-1	LOV Work Train 4 Car Set	399.99
30-2274-1	R-36 Worlds Fair 4 Car Set	599.99
30-2727-3	R-12 Red 2 Car Add-On	199.99
30-2727-1	R-12 Red 4 Car Set	399.99
30-2198-1	R-21 Redbird 4 Car Set	499.99
30-2198-3	R-21 Redbird 2 Car Add-On	249.99
20-98364	Flat w/ Red R-17 Subway	129.99
20-98365	Flat w/ Yellow R-17 Subway	199.99
20-95180	Flat w/ Worlds Fair R33s Subw	129.99
20-98382	Flat w/ Green R-26 Subway	129.99

LIONEL

6-11385	UP AS 0-4-0	329.99
6-11912	1996 Service Exclusive	449.99
6-18009	NYC L-3 Mohawk	499.99
6-18024	T&P L3 Mohawk w/Case	749.99
6-18045	NYC Commodore Vandrbilt	899.99
6-18053	Cent Club #726 Berkshire	599.99
6-18842	B&E SD-38 W/Display	249.99
6-19171	NYC Strmln "Black" 4 Pk	349.99
6-28022	Westside 2 Truck Shay	799.99
6-28028	Virginian Allegheny	1099.99
6-28473	GN Inspection Vehicle	109.99
6-28502	Santa Fe GP-9	249.99
6-35499	Alaska Budd 2 Car Set	149.99
6-38009	JLC DRGW Challenger	1299.99
6-38188	Southern F-3 A-B-A	699.99
6-38609	NYC Mikado Jr	199.99
6-39538	NPR Pickup Truck	99.99
6-51007	Cent Club UP M10000	799.99
6-52321	TCA SP Trainmaster	399.99
6-81043	JC 0-4-0	149.99
6-81183	MP Mikado	1049.99
6-81191	Erie Mikado	999.99
6-81665	CNW GP38	149.99
6-82235	PRR PA A-A	799.99
6-82254	PRR Powered PB	399.99
6-82284	Conrail (Savings Bond) SD40	549.99
6-82288	Clinchfield SD40	549.99
6-81881	SP Crane	
6-81886	SP Crane Boom Car -Both For	599.99
6-26769	Santa Fe Crane Car	249.99
6-38576	SP Powered B Unit Sharknose	199.99
6-84116	PRR K-4	1099.99
6-81193	W+LE Mikado	999.99
6-38030	Santa Fe Mallet	899.99
6-82247	Lionmaster Santa Fe Class A	849.99
6-82769	C+O Allegheny #1608	1799.99
6-82799	DMIR SD38	549.99
6-83374	PC SD45	549.99
6-82796	Conrail SD38	549.99
6-82764	UP SD90	549.99
6-83405	Southern H16-44	499.99
6-81032	B+M GP-9	169.99
6-18356	PC Black GG-1	1499.99
6-18354	PRR Tuscan GG-1	899.99
6-18374	PRR Congressional GG-1	899.99
6-18030	Frisco Mikado	499.99
6-18351	NYC S-1 Electric	499.99
6-38057	Weyehauser Shay	799.99

6-38053	NYC Mohawk	899.99
6-38079	SP GS-2	1099.99
6-28066	B+O EM-1	799.99
6-38025	PRR K-4	999.99
6-38088	NYC Mogul	499.99
6-38032	Virginian 2-8-8-2	899.99
6-28051	B+O EM-1	899.99
6-18079	NYC Mikado	599.99
6-18064	NYC Mohawk	699.99
6-28074	NPR Berkshire	599.99
6-28012	Red Commodore Vanderbilt	1499.99
6-28024	Blue Commodore Vanderbilt	1499.99
6-18063	Black Commodore Vanderbilt	899.99
6-38609	NYC Mikado	249.99
6-18040	N+W J Locomotive	449.99
6-84104	MRL SD70ACE	579.99

LIONEL COLLECTORS SETS

6-31753	GN EP-5 Freight Set	739.99
6-31711	Wabash F3 Freight Set	599.99
6-31701	Boys Set	699.99
6-31714	Acela Set	2199.99
6-82528	Empire State Express Set	1599.99
6-83092	Steel City Set	999.99
6-21758	Bethlehem Steel Service Statio	399.99
6-21753	1998 Fire Service Station Set	399.99
6-21775	Wreck Train Recovery Set	199.99
6-21952	2000 Service Station Set	299.99
6-11718	NS Dash 8 Unit Train Set	399.99
6-31706	UP Burro Crane Set	299.99
6-31705	NYC 50th Ann. Hudson Set	1499.99
6-11934	Virginia Rectifier Set	399.99
6-21797	SP Atlantic Pass Set	699.99
6-31715	Fire Rescue Set	349.99
6-31704	Alton Pass Set	899.99
6-21791	Freedom Train Set	799.99

LIONEL LIONCHIEF PLUS LOCOMOTIVES

6-82973	PRR A5	379.99
6-81304	CN Hudson	359.99
6-82969	WM Pacific	359.99
6-82172	NYC GP20	289.99
6-82173	NS GP20	289.99
6-82828	UP GP38	289.99
6-82415	DL+W Camelback	329.99
6-82961	UP Mikado	319.99
6-82178	Conrail Rectifier	269.99
6-82165	CB+Q NW2	239.99
6-82179	PRR Rectifier	269.99
6-82290	Santa Fe FT A-A	399.99
6-82175	Virginian Rectifier	269.99

LIONEL READY-TO-RUN TRAIN SETS

6-30190	Thomas Remote Set	139.99
6-81031	Dinosaur Remote Set	129.99
6-81263	CNJ Remote Pass. Set	279.99
6-81284	Frosty Remote Christmas Set	249.99
T1428RRODT	Tony Stewart Set	129.99
6-83620	Hogwarts Set	269.99
6-82427	Patriot Set	199.99
6-81270	Bethlehem Switcher Set	199.99
6-82984	NYC RS-3 Set	149.99
6-81262	UP Steam Freight Set	249.99
6-81480	John Deere Diesel Set	199.99
6-83286	John Deere Steam Set	249.99

www.nassauhobby.com

LIONEL



WILLIAMS



CLOSEOUTS



ACCESSORIES



MTH

LIONEL WORK CABOOSE
LIGHTED
SUPER SALE
#82091 PENNSYLVANIA
#82093 SANTA FE
#82094 NORFOLK SOUTHERN
#82095 AMTRAK
\$29.99 EA.

LIONEL S#82009
SUBURBAN HOUSE
BUILT-UP
SUPER SALE
\$39.99
PLUG AND PLAY - LIGHTED

GILBERT #49875
WATER TOWER with SHED
BUILT-UP
LIGHTED & WEATHERED
SUPER SALE
\$39.99
FTS O GAUGE NICELY

LIONEL LEGACY BUILT-TO-ORDER
3-TRUCK SHAY
#84237 CASS SCENIC
#84238 ELK RIVER
#84239 WESTERN MARYLAND
#84240 WEST SIDE LUMBER

LIONEL BUILT-TO-ORDER
S2 ELECTRIC
DIE-CAST BODY
#84507 NYC & HUDSON RIVER
#84508 NYC No. 113
#84509 NYC No. 115
#84510 PENN CENTRAL
#84511 NYC LIGHTNING

LIONEL LEGACY BUILT-TO-ORDER
0-8-0 SWITCHER
#83204 BALTIMORE & OHIO
#83208 WABASH
#83209 TERMINAL RAILROAD

LIONEL BUILT-TO-ORDER
2-6-0 MOGUL
#84069 BOSTON & MAINE
#84071 LACKAWANNA
#84072 EVERETT #11
#84074 RUTLAND

LIONEL BUILT-TO-ORDER
2-8-2 LIGHT MIKADO
#84465 BALTIMORE & OHIO
#84466 GRAND TRUNK
#84467 MAINE CENTRAL
#84468 NEW YORK CENTRAL
#84469 PENNSYLVANIA
#84470 SOUTHERN
#84471 UNION PACIFIC
#84532 NKP W/EXCURSION TENDER

LIONEL BUILT-TO-ORDER
2-8-2 HEAVY MIKADO
#81181 SOUTHERN #4886
#81183 NORTHERN PACIFIC #1496
#81185 NEW JERSEY CENTRAL
#81189 CHICAGO BURLINGTON & QUINCY #5509
#81191 ERIE #3207
#81193 WHEELING & LAKE ERIE #6012
#81194 NICKLE PLATE ROAD

LIONEL LEGACY BTO
#82534 YORK CENTRAL J3A
STREAMLINE HUDSON

WILLIAMS 72' SCALE STREAMLINE 4-CAR SETS 18" CARS
#43151 ATLANTIC COAST LINE
#43152 BALTIMORE & OHIO
#43154 BURLINGTON
#43155 CHESAPEAKE & OHIO
#43156 GULF MOBILE & OHIO
#43158 NEW YORK CENTRAL
#43160 SANTA FE
#43161 SOUTHERN
#43162 PENNSYLVANIA, SILVER
#43163 UNION PACIFIC
#43167 DELAWARE & HUDSON
#43168 RIO GRANDE
SUPER SALE \$169.99 EA. SET

WILLIAMS 60' ALUMINUM LUXURY LINERS 4-CAR SETS
BAGGAGE, PULLMAN, VISTA-DOME, + OBSERVATION
#43052 BURLINGTON
#43053 GREAT NORTHERN
#43060 ATLANTIC COAST LINE
#43061 CHESAPEAKE & OHIO
#43065 LACKAWANNA
SUPER SALE \$99.99 EA. SET

WILLIAMS 72' SCALE HEAVYWEIGHT 4-CAR SETS 18" CARS
#43352 GREAT NORTHERN
#43353 PENNSYLVANIA
#43354 SANTA FE
#43356 JC BLUE COMET
#43357 BALTIMORE & OHIO
#43358 NEW YORK CENTRAL
#43360 PULLMAN
#43351 CANADIAN PACIFIC
SUPER SALE \$149.99 EA. SET

WILLIAMS 4-6-2 SEMI SCALE PACIFIC
SUPER SALE SEE ON-LINE
#40801 NYC
#40802 SOUTHERN
#40803 SANTA FE
#40804 WABASH

LIONEL MADISON COMBINE/COACH/OBSERVATION
PASSENGER CAR SETS, 3-PK
SUPER SALE \$149.99 EA.
#81649 SP DAYLIGHT
#81644 CHESIE
#81739 SANTA FE
#81744 CANADIAN PACIFIC
#81754 NEW YORK CENTRAL

LIONEL MADISON COACH/DINER
PASSENGER CAR SETS, 2-PK
#81759 NEW YORK CENTRAL
#81768 CHESIE
#81773 SP DAYLIGHT
#81778 SANTA FE
#81783 CANADIAN PACIFIC
SUPER SALE \$99.99

LIONEL MADISON COACH/BAGGAGE
PASSENGER CAR SETS, 2-PK
#81760 NEW YORK CENTRAL
#81764 PULLMAN
#81769 CHESIE
#81774 SP DAYLIGHT
#81779 SANTA FE
#81784 CANADIAN PACIFIC
SUPER SALE \$99.99 EA.

LIONEL BUILT-TO-ORDER #82807 4-8-4 FEF-3 NORTHERN, "GREYOUND"
SALE \$1,429.99

LIONEL LEGACY BUILT-TO-ORDER #82208 NORFOLK & WESTERN
2-6-6-4 CLASS A
SALE \$949.99

LIONEL LEGACY #82768 2-6-6-6-2 ALLEGHENY
#82768 CHESAPEAKE & OHIO
#82769 CHESAPEAKE & OHIO
#82770 VIRGINIAN

LIONEL WEATHERED SERIES
BUILT-TO-ORDER
2-8-8-2 Y3
EACH LOCOMOTIVE INDIVIDUALLY HAND WEATHERED
#82486 VIRGINIAN
#82487 SANTA FE

LIONEL WEATHERED SERIES BUILT-TO-ORDER
#84063 NORFOLK & WESTERN
2-8-8-2 Y6B
EACH LOCOMOTIVE INDIVIDUALLY HAND WEATHERED
#82486 VIRGINIAN

LIONEL BUILT-TO-ORDER 2-8-8-4 AC9
#84248 SP LINES No. 3800, BLACK
#84249 SP No. 3805, BLACK
#84250 SP, DAYLIGHT

LIONEL LEGACY #82528 NEW YORK CENTRAL EMPIRE STATE
EXPRESS SET

MILLER ENGINEERING
OPERATING
NEON BILLBOARDS
88-0301 LIONEL
ROADSIDE BILLBOARD
\$39.99

LIONEL BILLBOARD
88-0351
\$39.99

MORE NEON SIGNS ON-LINE

WOODLAND SCENICS
O SCALE BUILT & READY
BR5841 LUBENERS' GENERAL STORE 104.99
BR5842 HARRISON'S HARDWARE 104.99
BR5843 J.W. COBBLER 104.99
BR5844 CORNER EMPORIUM 104.99
BR5845 COUNTRY STORE EXPANSION 112.99
BR5846 DEUCE'S CYCLE SHOP 112.99
BR5847 DAVENPORT DEPARTMENT STORE 119.99
BR5848 MORRISON DOOR FACTORY 127.99
BR5849 ETHAL'S GAS & SERVICE 119.99
BR5850 SCULLY'S TAVERN 104.99
BR5851 J. FRANK'S GROCERY 112.99
BR5852 THE DEPOT 127.99
BR5853 DUGAN'S PAINT STORE 99.99
BR5854 MOVIE THEATRE 127.99
BR5855 EMILIO'S ITALIAN RESTAURANT 112.99
BR5856 TIN SHACK 31.99
BR5857 WORK SHED 31.99
BR5858 WOOD SHACK 31.99
BR5859 H&H FEED MILL 187.99
BR5860 HOMESTEAD 99.99
BR5861 GRILL 'N' CHILL'N 69.99
BR5862 DOUBLE DECKER TRAILER 69.99
BR5863 SUNNY DAYS TRAILER 69.99
BR5864 POST OFFICE 94.99

LION CHIEF PLUS 4-6-0
CAMELBACK & TENDER
SALE \$395.99 EA.

#82415 DELAWARE LACKAWANNA WESTERN
#82416 LEHIGH VALLEY
#82417 PHILADELPHIA READING
#82418 ERIE

LION CHIEF PLUS AS 0-4-0
SALE \$399.99 EA.

#82973 PENNSYLVANIA
#82974 SOUTHERN PACIFIC
#82975 BALTIMORE & OHIO
#82976 BETHLEHEM STEEL

LION CHIEF PLUS 2-8-2 MIKADO
SALE \$386.99 EA.

#82960 NYC
#82961 UP
#82962 SOUTHERN
#82963 RIO GRANDE

LION CHIEF PLUS 4-6-2 PACIFIC
SALE \$386.99 EA.

#81311 ALASKA
#82968 LIONEL LINES
#82969 WESTERN MARYLAND
#82971 CHICAGO NORTH WESTERN
#81309 SP
SUPER SALE \$349.99

LION CHIEF PLUS 4-6-4 HUDSON
SALE \$386.99 EA.

#81302 CHESAPEAKE & OHIO
#82964 MILWAUKEE ROAD
#82965 SANTA FE
#82966 LACKAWANNA
#82967 BURLINGTON
#81303 UP
#81304 CN
SUPER SALE \$349.99

MTH GENERAL 4-4-0 AMERICAN
#30-1715-1 PENNSYLVANIA
#30-1716-1 LONG ISLAND
#30-1717-1 PITTSBURGH & LAKE ERIE
#30-1718-1 NORFOLK & WESTERN
SALE \$399.99 EA.

MTH #20-3658-1
PENNSYLVANIA 4-6-0 G-5s
SALE \$929.99

MTH IMPERIAL 4-6-0 CAMELBACK
SALE \$399.99 EA.

#30-1635-1 JERSEY CENTRAL
#30-1638-1 BALTIMORE & OHIO

MTH IMPERIAL #30-1651-1
LONG ISLAND RAILROAD
2-8-2 L1 MIKADO WITH PROTO 3.0
SALE \$389.99

MTH IMPERIAL #30-1641-1
PENNSYLVANIA 2-8-2
L1 MIKADO WITH PROTO 3.0
SALE \$389.99

MTH IMPERIAL 4-6-2 PACIFIC
SALE \$409.99 EA.

#30-1677-1 NEW YORK CENTRAL
#30-1678-1 PENNSYLVANIA
#30-1679-1 UNION PACIFIC
#30-1682-1 ALASKA

MTH IMPERIAL #30-1655-1
SOUTHERN 4-8-2 MOWHAWK L3
SALE \$389.99

MTH IMPERIAL #30-1690-1
SOUTHERN PACIFIC 4-8-4 GS4
SALE \$399.99

MTH IMPERIAL #30-1614-1
DULUTH MISSABE & IRON
RANGE 2-6-6-6 WITH PROTO 3.0
SALE \$656.99

MTH IMPERIAL 2-8-8-2
SALE \$599.99 EA.

IMPERIAL Y6B
#30-1662-1 NORFOLK & WESTERN
IMPERIAL USRA
#30-1666-1 PENNSYLVANIA
SUPER SALE \$599.99 EA.

IMPERIAL Y6B
#30-1663-1 UNION PACIFIC
#30-1664-1 BALTIMORE & OHIO
#30-1665-1 SANTA FE
IMPERIAL USRA
#30-1667-1 GREAT NORTHERN
#30-1668-1 CHESAPEAKE & OHIO
#30-1669-1 DENVER RIO GRANDE

MTH IMPERIAL 4-6-6-4
SALE \$699.99 EA.

#30-1722-1 UP #3984, gray
#30-1723-1 UP #3983, gray
#30-1724-1 UP #3985, black
#30-1725-1 RIO GRANDE
#30-1726-1 CLINGFIELD

THE PRODUCTS WE SELL ARE NOT TOYS AND ARE NOT INTENDED FOR USE BY CHILDREN UNDER THE AGE OF 14. THESE PRODUCTS ARE MODEL RAILROAD EQUIPMENT & ACCESSORIES AND ARE INTENDED FOR USE BY ADULTS.

SHOP ON-LINE trainworld.com

TRAINWORLD®
751 MCDONALD AVE.
BROOKLYN, NY 11218
TRAINLAND®
293 SUNRISE HIGHWAY
LYNBROOK LONG ISLAND, NY 11563
AMERICA'S LARGEST DISCOUNT TRAIN STORES

NEW RELEASES CAN BE BACK ORDERED
NY residents add applicable sales tax
Minimum Order \$25.00 plus shipping
Minimum UPS Standard Shipping & Handling \$10.99
Parcel Post, Canada & Overseas, Minimum \$40.00
For Larger Orders, Estimate Additional Shipping.

Prices subject to change,
Limited quantities, All rights reserved.
Not responsible for typographic errors.

SIGN UP FOR TRAINWORLD
E-MAIL SALES & NEWS

WEB SITE trainworld.com **ONLINE SHOPPING** trainworld.com
E-MAIL orders@trainworld.com

FOR ORDERS ONLY:
1-800-541-7010
For prices & Info Call: (718) 436-7072
10 DAY EXCHANGE POLICY MUST BE NEW!
15% RESTOCKING CHARGE ON ALL APPROVED RETURNS.
SHIPPING CHARGES ARE NON-REFUNDABLE!
24 HR. FAX ORDERS 1-718-972-8514