







**January** 

**February** 

March

May











July

September

October

November

December



USING THE INDEX: Most feature material has been indexed three or more times: by the title under which it was published; under the author's last name; and by subject, usually falling under one or more of the CTT subject categories.

An asterisk (\*) preceding an entry indicates a feature by its published title.

**CTT subject categories:** Accessories Cars Collectors/operators Concept and commentary Construction and maintenance Cover photos Display Electrical and control

Historical Interviews Layout descriptions Locomotives Manufacturer Sets Toy Train Track Plans

Track plans

### **CTT departments:**

Collectible Classics Editorials News Photo Album Questions & Answers Reviews Special Project Section Supply List Tips, Tools, & Techniques Wiring Diagrams

BACK ISSUES: The following issues are still available for \$5.95 per copy. February, April, June, August, October, and December 1990; April, June, August, and October 1991; August, October, and December 1992; January, March, May, July, and September 1993; January, March, May, July, September, and November 1994; January, May, July, September, November, and December 1995; January, February, May, July, September, and December 1996; February, March, May, July, September, November, and December 1997; and January, February, March, May, July, September, November, and December 1998. Except for the March 2000, July 2001, March 2004, and March 2005 issues, all

issues from 1999 to 2004 (published in January, February, March, May, July, September, October, November, and December) are also available for \$5.95 per copy.

Send all orders to Kalmbach Publishing Co., 21027 Crossroads Circle, Waukesha, WI 53186, call our customer service department at 800-533-6644 (outside the United States and Canada, 262-796-8776), or visit CTT's website at classictoytrains.com. Orders must include payment for postage and handling and any applicable state sales tax. Canadian orders add 7 percent GST to total. Payable in U. S. funds. Prices and availability are subject to change.



### Accessories

Good motor vibrations, May p58 Raise the roof, Nov p72 Algozzini, Joe Lionel for 1958, Sep p50 Lionel's General sets, Jul p56

Significance of suffixes, The, Oct p68 Welcome to boxes 101, Mar p58

\*American Flyer Graffiti, Nov p66 \*And to think that I saw it on Main Street, Feb p64

Anderson, Gerald

Humungous Hell Gate Bridge, Sep p42

\*Back from the edge, Jan p89 Besougloff, Neil

Three times around the tree, Dec p79 Brennan, Dennis

Detailing a Plasticville switch tower, Jan p70

Enhancing Plasticville telephone poles, Jul p54

Painting and weathering Plasticville hobo shacks, Jul p48

\*Build a better bell button, Oct p66 \*Build a lightweight S gauge layout, Jan

\*Build a lightweight S gauge layout, part 2, Feb p76

\*Build a spring-loaded track switch, Sep p71

\*Build lift-out sections, Dec p52 \*Building the perfect Christmas layout, Jan p80

Calvino, Ralph

Home-built hybrids, Nov p58 \*Carmen Webster knew model trains,

Nov p74 Carp, Roger

American Flyer Graffiti, Nov p66 And to think that I saw it on Main Street, Feb p64

Building the perfect Christmas layout, Jan p80

Čarmen Webster knew model trains, Nov p74

Centennial of Standard gauge, Jan p50 From Mayberry to Smoky Mountain Trains, Oct p58

Fulfillment of dreams, A, Nov p50 Getting started for the second time,

Nov p78 Grit, grime, & three rails, Mar p51

Hot potatoes, Feb p72 Instant classics from Atlas O, Mar p48 Layout advice from a train engineer,

Oct p36 Lionel for 1958, Sep p50 Lionel returns to the Big Apple, Dec p66

Lionel's early postwar boxcars, May p66 Lionel's General sets, Jul p56

Logging + O gauge = Serendipity, Dec

p46
Master layout of a master builder, Jan p62 North to Alaska in O gauge, Feb p44 O gauge layout alive with sound, An,

Jul p38 Pacific Northwest comes alive in O gauge, The, Dec p54

Raising the Standard, Jan p54 S gauge "craftsman layout,"An, Jul p60 Significance of suffixes, The, Oct p68 Weekend in New England, May p38 Welcome to boxes 101, Mar p58 Welcome to Coalport, circa 1948, Sep p34

### Cars

Gonna fly now! May p46 Good motor vibrations, May p58 Hot potatoes, Feb p72 Instant classics from Atlas O, Mar p48 Lionel's early postwar boxcars, May p66 Lionel's prewar gift sets, Mar p68 \*Centennial of Standard gauge, Jan p50

\*Central City Railroad, Sep p48 \*Choose a track-cleaning method, Oct p54 Collectible Classics

American Flyer's no. 755 talking station, Sep p98

American Flyer's no. 9915 Aeolus streamliner, May p106 American Flyer's no. 24323 Baker's

Chocolate tank car, Feb p114 Lionel's early floodlight cars, Mar p106 Lionel's early no. 2026 steam locomotive, Nov p114

Lionel's no. 52 fire car, Oct p98 Lionel's no. 60 trolley, Jan p130 Lionel's prewar nos. 252 and 252E electrics, Dec p114

Marx's no. 1 "Wm. Crooks" steam locomotive and tender, Jul p98

### Collectors/operators

Chancey, Carl, Nov p50 Cooper, Tim and Sue, Oct p58 Cox, Ray, Feb p64 Denslow, Philip K., Mar p40 DeSantis, John, Jan p54 Didriksen, Mark and Ralph, Mar p50 Grand Central Terminal, Dec p66 Hart, Michael, Jan p62 Hart, Vernon, Oct p37

Hayes, Richard, Mar p62 Hopkins, Richard R. Jr., May p52 Jacobs, Dave, Dec p46

Kavchak, Bill and Diane, Jan p80 Kelley, Gene, Jul p60 Loop, Bill, Sep p34 MacNair, Russ, Nov p78

McCrackin, Michael, Feb p44 Miville, Peter, May p38 Muller, Ralph, Jan p62 Richmond, Perry, Jul p38

Saxton, Cliff, Nov p66 Smoky Mountain Trains, Oct p58 Spaulding, Bill, Dec p54

Stalzer, Dennis, Sep p62 Concept and commentary

Back from the edge, Jan p89 Build a spring-loaded track switch, Sep

p71 Choose a track-cleaning method, Oct p54 Creating a family-friendly layout, Dec p72 Detailing a Plasticville switch tower, Jan

Detailing Plasticville Cape Cod Houses, Iul p50

Double-duty double-slip track switch, Oct p56

Enhancing Plasticville telephone poles, Jul p54 Fixed voltage for O-27 track switches,

Feb p61

Home-built hybrids, Nov p58 It rained last night, Mar p70 Lessons in layout wiring, Sep p58 Lionel's new motor-drive system, Dec p62 1-2-3 scenery! Nov p46

Painting and weathering Plasticville hobo shacks, Jul p48

Reliable relay control, Mar p75 Sleepers and duds, Feb p52 Track buyer's guide: O gauge track brands, Oct p48

Welcome to boxes 101, Mar p58 Connor, Michael

Fix flickering passenger car lights, Jan

### Construction and maintenance

Build a lightweight S gauge layout, Jan p74

Build a lightweight S gauge layout, part 2, Feb p76

Build a spring-loaded track switch, Sep p71

Build lift-out sections, Dec p52 Create your own Christmas train, Dec p77

DVD theater, Sep p46 Fix flickering passenger car lights, Jan p90

Fixed voltage for O-27 track switches, Feb p61

Gonna fly now! May p46 Good motor vibrations, May p58 How to 'lock-out' collisions, May p72 Humungous Hell Gate Bridge, Sep p42 Make insulated O gauge track sections, Nov p82

Merge two big banks into one grand station, May p48

Quick scenery details, Jan p86 Raise the roof, Nov p72 Servicing Flyer's big steamers, Mar p44

Cover photos Big Red/Dy-no-mite, Jan

80 years in the making, May Grit, grime, & three rails, Mar Layout advice from a train engineer, Oct Lionel for 1958, Sep Lionel's General sets, Jul North to Alaska in O gauge, Feb 1-2-3 scenery! Nov

Pacific Northwest comes alive in O gauge, The, Dec

\*Create your own Christmas train, Dec p77 \*Creating a family-friendly layout, Dec p72 \*CTT visits Ross Custom Switches, Jul p66

### D

Denslow, Philip K.

Create your own Christmas train, Dec p77 Fun on a 4- by 8-foot layout, Mar p40 Gonna fly now! May p46

\*Detailing a Plasticville switch tower, Jan

p70 \*Detailing Plasticville Cape Cod Houses, Jul p50

\*Double-duty double-slip track switch,

\*DVD theater, Sep p46

Display

Build a lightweight S gauge layout, Jan

Build a lightweight S gauge layout, part 2, Feb p76 From Mayberry to Smoky Mountain

Trains, Óct p58

Rescuing a rare Marx display layout, Nov p87

### Editorials

Biggest influence, The, Dec p8 K-Line switches track, Jul p8 Know your trains, Nov p8 Paint, water, and disorder, Jan p8 Permanent investment, Mar p8 So long, layout no. 3, May p8 Take 'em with you, Sep p8 Toy trains with a big T, Feb p8 Visit our new website, Oct p8 Eichenberg, Dennis

Build a better bell button, Oct p66 \*80 years in the making, May p52

### Electrical and control

Build a better bell button, Oct p66 How to 'lock-out' collisions, May p72 Lessons in layout wiring, Sep p58 Engebretson, E.A.

Central City Railroad, Sep p48 Hills and harbor track plan, Nov p64 Walk-in, sit-down, standout plan, A, Feb

Waterfront Terminal Railroad, Jan p60 \*Engine terminal with a future, An, Mar

\*Enhancing Plasticville telephone poles, Jul p54

\*Fix flickering passenger car lights, Jan

p90 \*Fixed voltage for O-27 track switches, Feb p61

\*From Mayberry to Smoky Mountain Trains, Oct p58

Fugazzotto, Joel Raise the roof, Nov p72

\*Fulfillment of dreams, A, Nov p50 \*Fun on a 4- by 8-foot layout, Mar p40

\*Getting started for the second time, Nov p78

\*Gonna fly now! May p46 \*Good motor vibrations, May p58 Grams, John A.

Lionel's prewar gift sets, Mar p68 Sleepers and duds, Feb p52

\*Grit, grime, & three rails, Mar p51

Hayes, Richard

Small town boy makes good, Mar p62 \*Hills and harbor track plan, Nov p64

### Historical

Carmen Webster knew model trains, Nov p74

Centennial of Standard gauge, Jan p50 Hot potatoes, Feb p72 Lionel for 1958, Sep p50

Lionel's early postwar boxcars, May p66

Lionel's General sets, Jul p56 Lionel's prewar gift sets, Mar p68 Significance of suffixes, The, Oct p68 \*Home-built hybrids, Nov p58 Hopkins, Richard R. Jr. 80 years in the making, May p52 \*Hot potatoes, Feb p72 \*How to 'lock-out' collisions, May p72

# \*Humungous Hell Gate Bridge, Sep p42

\*Index, Volume 18 2005, Feb p57 \*Instant classics from Atlas O, Mar p48 Interviews

CTT visits Ross Custom Switches, Jul p66 \*It rained last night, Mar p70

Jacobs, Dave It rained last night, Mar p70

Johnson, Kent

Central City Railroad, Sep p48 Engine terminal with a future, An, Mar

p72 Hills and harbor track plan, Nov p64 1-2-3 scenery! Nov p46

Small, simple, and amazingly sensible 5-by-9 plan, A, May p64

12-by-25 rec-room railroad, Jul p70 Walk-in, sit-down, standout plan, A, Feb

Waterfront Terminal Railroad, Jan p60 Wild West in a 5- by 9-foot space, The, Oct p44

Keller, Bob Mob hit, A, Sep p68 Track buyer's guide: O gauge track

brands, Oct p48

\*Layout advice from a train engineer, Oct p36

Layout descriptions (By owner, when applicable, or layout name. T indicates track plan included, followed by gauge or scale designation, then manufacturer.)

Chancey, Carl (T, O, multiple), Nov p50 Cooper, Tim and Sue (T, O, Lionel),

Oct p58 Cox, Ray (T, O, Marx), Feb p64 Denslow, Philip K. (O, Lionel), Mar p40 DeSantis, John (Standard, Lionel), Jan p54

Didriksen, Mark and Ralph (T, O, mul-

tiple), Mar p50 Grand Central Terminal (T, O, Lionel),

 $\mathrm{Dec}\;\mathrm{p}66$ Hart, Michael (T, O, multiple), Jan p62 Hart, Vernon (T, O, multiple), Oct p36 Hayes, Richard (T, O, multiple), Mar p62 Hopkins, Richard R. Jr. (T, O, Lionel),

May p52 Jacobs, Dave (T, O, multiple), Dec p46 Kavchak, Bill and Diane (T, S, American

Flyer), Jan p80 Kelley, Gene (T, S, multiple), Jul p60 Loop, Bill (T, O/S, multiple), Sep p34 MacNair, Russ (T. O. Lionel), Nov p78 McCrackin, Michael (T, O, multiple),

Feb p44 Miville, Peter (T, O, multiple), May p38 Muller, Ralph (T, O, multiple), Jan p62 Richmond, Perry (T, O, multiple), Jul

 $\begin{array}{c} p38 \\ Saxton, Cliff (T, S, American Flyer), \end{array}$ 

Nov p66 S-Helper Service (T, S, S-Helper Service), Jan p74, Feb p76 Smoky Mountain Trains (T, O, Lionel),

Oct p58 The Sopranos layout (T, O, Lionel), Sep

p68 Spaulding, Bill (T, O, multiple), Dec p54 Stalzer, Dennis (T, O, multiple), Sep p62 Lechner, Joseph H.

Hot potatoes, Feb p72

\*Lessons in layout wiring, Sep p58 \*Lionel for 1958, Sep p50 \*Lionel returns to the Big Apple, Dec p66 \*Lionel's early postwar boxcars, May p66

\*Lionel's General sets, Jul p56

\*Lionel's new motor-drive system, Dec p62 \*Lionel's prewar gift sets, Mar p68

Locomotives

Create your own Christmas train, Dec p77 Home-built hybrids, Nov p58 Lionel's General sets, Jul p56 Lionel's new motor-drive system, Dec p62 Servicing Flyer's big steamers, Mar p44 \*Logging + O gauge = Serendipity, Dec p46

### М

\*Make insulated O gauge track sections, Nov p82

Manufacturer: American Flyer/Gilbert American Flyer Graffiti, Nov p66 Building the perfect Christmas layout, Jan p80

Servicing Flyer's big steamers, Mar p44
Manufacturer: Atlas O

Hills and harbor track plan, Nov p64 Instant classics from Atlas O, Mar p48 Manufacturer: Bachmann (Plasticville)
Detailing a Plasticville switch tower, Jan p70

Detailing Plasticville Cape Cod Houses, Jul p50

Enhancing Plasticville telephone poles, Jul p54

Painting and weathering Plasticville hobo shacks, Jul p48

Manufacturer: Lionel Corp.

Back from the edge, Jan p89 Centennial of Standard gauge, Jan p50 80 years in the making, May p52 Fix flickering passenger car lights, Jan

Fixed voltage for O-27 track switches, Feb p61

From Mayberry to Smoky Mountain Trains, Oct p58

Getting started for the second time, Nov p78 Good motor vibrations, May p58

Lionel for 1958, Sep p50 Lionel's early postwar boxcars, May p66 Lionel's General sets, Jul p56 Lionel's prewar gift sets, Mar p68 Raising the Standard, Jan p54

Significance of suffixes, The, Oct p68 Welcome to boxes 101, Mar p58 Manufacturer: Lionel MPC, LTI, & LLC Build a better bell button, Oct p66

Fixed voltage for O-27 track switches, Fun on a 4- by 8-foot layout, Mar p40

Lionel returns to the Big Apple, Dec p66 Lionel's new motor-drive system, Dec p62 Mob hit, A, Sep p68 Raise the roof, Nov p72

Wild West in a 5- by 9-foot space, The, Oct p44

Manufacturer: Marx

And to think that I saw it on Main Street,  $\mathrm{Feb}\;\mathrm{p}64$ 

Rescuing a rare Marx display layout, Nov p87

Manufacturer: MTH

Merge two big banks into one grand station, May p48

Manufacturer: Ross Custom Switches
CTT visits Ross Custom Switches, Jul p66 Manufacturer: S-Helper Service Build a lightweight S gauge layout, Jan

Build a lightweight S gauge layout, part 2, Feb p76

\*Master layout of a master builder, Jan p62 \*Merge two big banks into one grand station, May p48

Mixon, Bill Rescuing a rare Marx display layout, Nov p87

\*Mob hit, A, Sep p68

### Ν

News photos: Accessories and layout supplies

Aircraft runway, Action Animations, O, May p27 Bridge kit, Toy Trains Unlimited, O, Jul

p27 Die-cast metal fire truck, Athearn, O, Oct p23

Die-cast metal garbage truck, Diecast Direct, O, Jan p31

Die-cast metal pickup trucks, Diecast Direct, O, Mar p27

Die-cast metal Railway Express Agency truck, The Ink Well, O, Jan p25 Die-cast metal sedan, Dominion Models,

O, Nov p32 Die-cast metal service vehicles, Diecast

Direct, O, Mar p29 Die-cast metal truck, Railway Express, Athearn, O, Jul p20

Die-cast metal truck, Western Pacific, Athearn, O, May p29

Die-cast metal trucks, East Coast Train Parts, O, Nov p25

Die-cast metal trucks, East Coast Train

Parts (1:32 scale), Dec p29 Dummy switch throw, Motiveworks, O, Nov p35

Illuminated H&C coffee sign, Miller Engineering, multiple, Oct p21 Log cabin, Tabletop Towns, S/O, Nov

Low-relief building fronts, Elfin Models,

O, May p27 Low-relief building kit, DSL Shops, O, Oct p23

Metal figures, Arttista Accessories, O, Feb p27

Metal figures, Arttista Accessories, O, Mar p29

Metal figures, Arttista Accessories, O, May p26

Metal figures, Arttista Accessories, O, Jul p24 Metal figures, Barclay Co., Standard

gauge, Jan p27 Metal fishing figures, Town & Country

Hobbies, O, Jan p31

Plastic Dimestore-style vehicles, American Dimestore, S/O, Feb p30 Plastic Dimestore-style vehicles, American

Dimestore, S/O May p23 Plastic 1:48 scale figures, Preiser, O, Dec

p29 Roller coaster, Coasterdynamics, O, May p29

Sewer worker figure set, Arttista Accessories, O, Jan p29

Tapered jig for crane, Classic Construc-tion Models, Oct p25 Telephone poles, DMM Railroad, O,

Sep p25 Tower, Weaver Models, O, Mar p23

Track cleaning car, Aztec Manufacturing, Oct p25

TrainMaster II system, Lionel, O, Nov p25 Weathering and detailing service, Modelcrafters, Nov p24

News photos: Books
Atlas O 40' Wood Reefer Collector's Guide,  $\mathit{The}$  , Mar p25

Atlas of North American Railroads, The, May p29

Brilliantly Old Fashioned: The Story of Ace O Gauge Trains, Jul p25

Burlington Northern Santa Fe Railway, Mar p25

Burlington Zephyrs, Mar p27 Duluth, Missabe & Iron Range, Sep p25 EMD F-Unit Locomotives, Feb p29 EMD GP7-GP20 Road Switchers, Oct p20 Jack the Station Cat: Jack in a box, Oct p25 Lionel Fastrack Book, The, Nov p33 Lionel's Postwar Operating Cars, Feb p27 Milwaukee Road, The, Sep p25 New Haven Passenger Trains, May p26 Pioneer Zephyr, The, Sep p25 Santa Fe Chiefs, May p26

Standard Catalog of Lionel Trains 1900-1942, Feb p31

News photos: Locomotives, diesel Bethlehem Steel Beep, Ready Made Toys (for Emory Distributing), O, Nov p29 Bethlehem Steel Buddy, Ready Made Toys (for Emory Distributing), O, Dec p33 Chicago & North Western Alco RS-3, Atlas O Trainman line, O, Jul p20 Missouri-Kansas-Texas SD70, MTH, O, Dec p25

Norfolk Southern EMD GP15, Atlas O Trainman line, O, Dec p24 Pennsylvania "Peep" diesel, Ready Made

Toys, O, Sep p20 Prototype EMD GP15, Atlas O Trainman,

Rio Grande SD40T-2, Lionel, O, Nov p33

Sound Transit F59PHI, MTH, O, Feb p24 Southern Pacific Baldwin VO-1000, Weaver Models, O, Jul p24 Union Pacific coal turbine, MTH, O,

 ${\rm Sep~p25}$ News photos: Locomotives, electric and motorized units

Amtrak Acela, Lionel, O, May p26 Chicago Transit Authority White Sox

subway train, MTH, O, Mar p23 Long Island BB3 electric locomotive, MTH, O, Jan p24 New Haven EP-3 electric locomotive,

MTH, O, Feb p27

New York Transit R-1 subway set, MTH, O, Mar p25 News photos: Locomotives, steam

British Railways A3 4-6-2, Ace Trains, O, Sep p24

Lehigh Valley 5200-class 4-8-4, American Models, S, Jan p31 London North Eastern Ry. Flying Scotsman

4-6-2, Ace Trains, O, Dec p28 Long Island 4-4-0, MTH, O, May p29 New York Central no. 260E train set,

MTH, O, Jul p27 New York, Ontario & Western 2-8-09,

Weaver Models (for JR Junction), O, Nov p32 Pennsylvania RR A5 class 0-4-0, MTH, O,

Dec p33 Pennsylvania RR L-1 class 2-8-2, MTH,

O, Nov p28 Santa Fe 3800-class 2-10-2, 3rd Rail, O,

Jan p27 Southern Ry. 2-8-0, S-Helper Service, S,

May p22 Southern Ry. 4-6-4, Williams, O, Mar p22 USRA 0-6-0 production sample, Atlas O, O, Dec p24

News photos: Miscellany

Catalog, "Coors Silver Bullet," MTH, Oct p21

Catalog, Scenic Express, Jul p24 CD-ROM, Definitive Guide to Marx Trains Six-inch Tin and Joy Line, May p22 DVD, The Way It Was in the Fifties, Feb p29 Fence, Dechant's Railroad Express, S/O, Feb p29 Kiddie ride, Kiddie Ride USA, Jul p25

LED lights (pre-wired), Evan Designs,

LED lights (pre-wired), Evan Designs, Dec p29 LED replacement bulbs, Town & Coun-

try, Oct p25 Print and low-relief front, Angela Trotta

Thomas, Dec p33 Rivet and wheel press, Toy Train Restora-tion Products, Dec p33

Train-theme shopping bags, East Coast Train Parts, Jan p31

Train-theme shopping bags, East Coast Train Parts, Feb p31 Union Pacific Turbine ornament, Hall-

mark, Nov p32

News photos: Rolling stock, custom-decorated

America's Railroads Salute America's Heroes boxcar (Army War College Foundation), Weaver O, Jan p24 Berwind Coal hopper (AM Hobbies), Atlas O, Nov p28

Chick-fil-A tank car (Roundhouse South), MTH, O, Jul p25

Cumberland Valley boxcar (Cumberland Valley MRR Club), Weaver Models, O, Oct p22

Curve Beer refrigerator car (Alto Model Train Museum), S-Helper Service, S, Feb p31

Direnzo Coal Co. hopper (Minersville Lions Club), Weaver Models, May p27 Furmano Foods hopper (Furmano Foods), Weaver Models, Nov p29

Genny Light Beer boxcar (Jim's Trains), Weaver Models, O, Jan p29 Great American Circus (Heimburger House), S-Helper Service, S, Dec p28

Kaier's Beer boxcar (Minersville Lions Club), Weaver Models, O, May p27 Long Island aquarium car (LITTLE), Lionel, O, Nov p28 MARTY Swiss Cheese refrigerator car

(GBTV), Atlas O, O, Nov p32 Milwaukee Road hoppers (Milwaukee

Lionel RR Club), Lionel, O, Nov p33 Milwaukee Road ice car (Milwaukee Lionel RR Club), Lionel, O, Mar p25 New York Life boxcar (Joe Kennedy), Weaver Models, O, Mar p29 Pacific Great Eastern wood-side refrigerator car (TTOS Canada), Atlas O, Sep

p25 News photos: Rolling stock, freight Baltimore & Ohio X-29 boxcar, Atlas O, O, Nov p24 Boston & Maine gondola, Atlas O, O,

Oct p22 Canadian Pacific two-car set, MTH, O, Dec p29

Chesapeake & Ohio boxcar, Weaver Models, O, Dec p25

Chesapeake & Ohio hopper, S-Helper Service, S, Jul p24 Cotton Belt extended vision caboose,

Atlas O, O, Jul p25 Four-bay hoppers (four road names),

Williams, O, Jan p27 Frisco flatcar w/military load, S-Helper

Service, S, Feb p24 Heileman Brewing refrigerator car, S-Helper Service, S, Nov p24

Illinois Onion refrigerator car, S-Helper

Service, S, Sep p20 Jersey Central 40-foot plug-door boxcar, Atlas O Trainman, O, Jan p29 Milwaukee Road 57-foot refrigerator car,

Weaver Models, O, Jul p21 Missouri-Kansas-Texas 50-foot plug-door

boxcar, Weaver Models, O, Oct p23 National Packing Co. refrigerator car, MTH, O, Mar p29

New York Central double-door boxcar,

Lionel, O, Feb p25 New York Central express car, Weaver Models, O, Mar p22

New York Central troop sleeper/maintenance car, Weaver Models, O, Sep p21 OTOE Foods refrigerator car, S-Helper Service, S. Oct p25

Pennsylvania RR hopper, S-Helper Service, S, May p29

Philadelphia Quartz single-dome tank car, Atlas O, Õ, Sep p24 Pittsburgh & Lake Erie boxcar, MTH,

O, Dec p24 Railway Express R50B express car, MTH, O, May p22

Reading Blue Coal hopper, Weaver Models, O, Oct p22

Rio Grande caboose, Ready Made Toys, O, Oct p21

Santa Fe 60-foot hi-cube boxcar, Atlas O, O, Feb p29 Sea Land Gunderson Stack cars, Atlas O,

O, Dec p28 South Shore caboose, Weaver Models, O, Oct p23

Union Pacific stock car, Atlas O, O, Mar Waddell Coal Co. hopper, S-Helper

Service, S, Mar p27 Waddell Coal Co. hopper, Weaver Mod-

els, O, Nov p29 \*North to Alaska in O gauge, Feb p44

\*O gauge layout alive with sound, An, Jul p38

\*1-2-3 scenery! Nov p46

\*Pacific Northwest comes alive in O gauge, The, Dec p54

\*Painting and weathering Plasticville hobo shacks, Jul p48

### Photo Album

Aventura Station display, May p15 Balzarini, Bob, Mar p17 Barzarili, Bob, Mar p17 Baron, Bruce, Nov p16 Belesky, Richard, Sep p17 Booth, Robert, Jan p20 Brownsey, Bob, Sep p15 Campbell, Douglas, Oct p17 Coye, Ed, Jul p16 Donald, George, Dec p21 Fleming, Tom, Jan p20 Fudala, Bob and Laurie, Jan p21 Hagerstown Roundhouse Museum, Dec  $p\breve{20}$ 

Hamler, Ted and Judy, Jul p16 Hayes, Richard, Feb p19 Heynick, Frank, Jul p14 Hornbeck, Jim, Oct p17 Johnson, Terry, Oct p14 Keesaer, Robert, Mar p15 Kolo, Vince, Jan p19 Leshinski, Ed, Dec p19 Manschot, Peter, May p16 Marten, Peter, Dec p21 Moore, David, Nov p19 Osborn, John, Mar p17 Palko Jr., Stephen, Feb p19 Palmer, Gregory, Nov p19 Paper Valley Model Railroad Club, Mar p17 Pitt, Leonard, Jul p17 Poniatowski, Jerry, May p17 Rotterdam, Rolf, Sep p16 Sanders, Dave, Nov p18 Seidel, Steven, Feb p18 Seus, Ed, Feb p17 Taras, Tom, May p17 Travis, Christopher, Sep p17 Trzoniec, Stanley, Oct p16 Wasson, Roger, Mar p15 Witte, Walbert, May p14 Yorio, Tony, Nov p17 Plummer, Ray L. Fixed voltage for O-27 track switches, Feb p61 Good motor vibrations, May p58

Questions & Answers: Basics

Accurate scale for layout details, Nov p37 Circuit breakers, Sep p29 Compatibility of old trains and modern

switches, Jul p32

Double-heading locomotives of differing brands, May p33 Electricity and crossovers, Sep p27

Old train valuation, Jan p37 Relays on layouts, Oct p28 Reliable crossing gate flashing on a

curve, May p31 Tuning up old train set for operation,

Dec p35 Where to buy modern Standard gauge

trains and accessories, Jan p37

Questions & Answers: Lionel Lionel Baby Ruth cargo containers, Mar

Lionel MPC-era wheel sets, Nov p37 Lionel no. 18373 S-2 electric locomotive speed problems, Dec p37

Lionel postwar drive wheel styles, Mar

Lionel postwar no. 165 crane lubrication,

Sep p27 Lionel postwar no. 726 Berkshire wheel

loose, Dec p35 Lionel postwar no. 2037 roller spring

replacement, Mar p31

Lionel postwar nos. 3459/3469 dump car identification, Feb p34 Lionel postwar no. 3472 milk car, Oct p27

Lionel postwar no. 6462 gondola shell removal, Feb p33

Lionel prewar locomotives and DC power, May p32

Lionel prewar no. 203 locomotive reverse unit, Sep p29

Lionel prewar no. 238 motor replacement, Oct p29

Lionel prewar no. 315 bridge light socket, Jul p31

Lionel switch and block signal wiring, Mar p33

Lionel TrainMaster 2.0 guessing game, Sep p28

Lionel "X" marked locomotives, Sep p29 Off-center trucks on Lionel Standard O cars. Nov p39

Opening MPC-era heavyweight cars, Oct p29

Questions & Answers: Miscellany

Request for info: Howdy Doody train, Jul p31

Request for info: Unique Arts Western Auto train, May p32 Senco steam sounds query, Feb p33

Senco tender follow-up, Jul p33 Questions & Answers: Restoration

Color of prewar America Flyer no. 3105 locomotive, Oct p29

Decal removal, Nov p39 Removal of cotton stuck to Flyer trains.

Removing instant glue from plastic, Jul p33

Removing Latex paint from postwar trains, Sep p28

Repainting die-cast metal trains, Jul p31 Source for motor for animations, Oct p29 Swapping track after layout is built, Oct

p28 Window inserts for Ives/Lionel passenger cars, Nov p38

\*Quick scenery details, Jan p86

### R

\*Raise the roof, Nov p72 \*Raising the Standard, Jan p54 Reid, Gil

Back from the edge, Jan p89 \*Reliable relay control, Mar p75 \*Rescuing a rare Marx display layout, Nov p87

Reviews: Accessories and miscellany

Brakeman's riveting tool set, Carl's Toy Trains, Jan p109

Caboose, Ready Made Toys, O, Dec p94 LED replacement lamps, Scott's Odds-nends, O, Mar p89

Milwaukee Road sound-equipped refrig-erator car, Weaver Models, O, Oct p85 Motor Tool, Dremel, Nov p98

New York Central gang car, Lionel, O, Feb p86

New York Central hotbox refrigerator car, Lionel, O, Oct p83

Reverse-unit assembly jig, Toy Train Restoration Parts, O, Sep p85 Simpsons operating gondola, Lionel, O, Mar p91

Track tower, Weaver Models, O, May p93 Trainman freight car line, Atlas O, O, Feb p91

Trolley motor, Bowser (for Corgi-Birney cars), O, Dec p93

Reviews: Locomotives, diesel and electric Budd RDC, Ready Made Toys, O, May

Caltrain F40, K-Line, O, Mar p86 Chicago & North Western Alco RSD-4/5, Atlas O, O, Sep p79

Delaware & Hudson Alco C-628, Atlas O, O, Dec p85

Erie-Lackawanna, Alco C-424, Atlas O, O, Jan p105

Frisco diesel freight starter set, S-Helper Service, S, Jan p101 Jersey Central EMD SD40, Atlas O, O,

Long Island BB3 electric, MTH, O, Feb

p82 New Haven EP-3 electric, MTH, O, May

New York Central S-2 electric, Lionel,

O, Jul p78

New York Transit R-1 subway set, MTH, O, Oct p78

Rio Grande SD40T-2, Lionel, O, Dec p90 Sound Transit F59PHI, MTH, O, Mar p82 Southern Pacific Baldwin VO-1000, Weaver Models, O, Oct p82

Union Pacific F7 A-B-A set, MTH, Feb p87

### Reviews: Locomotives, steam

Chesapeake & Ohio 0-4-0, Lionel, O. Mar p78

Christmas Parade steam train set, K-Line, O, Jan p111

Christmas steam train set, MTH, Standard Gauge, Nov p92 Lehigh Valley 400E 4-4-4, MTH, Standard

gauge, Jan p96

Long Island 4-4-0, MTH, O, Jul p81 MTH Lines no. 263E reproduction,

MTH, O, Sep p81 Pennsylvania RR J-class 2-10-4, MTH, O,

Santa Fe 2-8-4, K-Line, O, Nov p95 Southern Ry. 4-6-4- Hudson, Williams, O, May p80

Western Maryland 2-8-0, S-Helper Service, S, Sep p74

Reviews: Long-term reviews
Burlington Route U25B, American Models, S. Feb p83 Canadian Pacific grain train set, Lionel,

Conrail LionMaster SD80MAC, Oct p79 Jersey Central Camelback, Lionel, Mar

Milwaukee Road Erie-Built, Atlas O,

Sep p75 New York Central switcher, Lionel/American Flyer, S, Nov p93

No. 2380 Geep by Lionel, O, May p81 Pittsburgh & Lake Erie 2-8-4, MTH, O,

Jan p97 Santa Fe Alco C-628, MTH, O, Jul p75 Riccioli, Jim

Choose a track-cleaning method, Oct p54 Riddle, Peter H.

Build a spring-loaded track switch, Sep

Build lift-out sections, Dec p52 Creating a family-friendly layout, Dec p72 Double-duty double-slip track switch, Oct p56

Roberts, Sanford Reliable relay control, Mar p75 Roseman, Victor

Build a lightweight S gauge layout, Jan

Build a lightweight S gauge layout, part 2, Feb p76

Detailing Plasticville Cape Cod Houses, Jul p50

Rotella, Rocky Servicing Flyer's big steamers, Mar p44

Rusterholz, John Make insulated O gauge track sections, Nov p82

\*S gauge "craftsman layout,"An, Jul p60 Sadowski, Michael

Humungous Hell Gate Bridge, Sep p42 \*Servicing Flyer's big steamers, Mar p44 Sets

Lionel's General sets, Jul p56 \*Significance of suffixes, The, Oct p68 \*Sleepers and duds, Feb p52

\*Small, simple, and amazingly sensible 5-by-9 plan, A, May p64 \*Small town boy makes good, Mar p62 \*Small town with big railroads, Sep p62 Souhrada, John

Quick scenery details, Jan p86 Stalzer, Dennis and Danielle Small town with big railroads, Sep p62 Special Project Section

Christmas and trains, Dec p71 Plasticville made better, Jul p47 Toy train trackwork, Oct p47

Supply List

Ballast, roadbed, and track ties, Nov p33 Buildings, Oct p33

Collection storage and display, Sep p33 Electronics, Oct p33 Repair and restoration products, Nov p43 Scenery supplies, Sep p33

Toy train parts retailers, Dec p41 Track/track planning/track maintenance, Sep p33

Swanson, Robert

Lionel's early postwar boxcars, May p66

Teal, Dick

Lionel's new motor-drive system, Dec p62 \*Three times around the tree, Dec p79

Tips, Tools, & Techniques Ône controller, two track switches, Mar

p39 Pegged for utility, Sep p31 Practical paints, Dec p39 Re-invent the wheel, Jan p45 Shocking discovery, Å, May p35 Trackwork tools, Oct p31 Tunnels for toy trains, Nov p41 Two uncanny cleaners, Jul p35 Uncomplicated uncoupling track-control-

## ler, An, Feb p41 Toy Train Track Plans

Central City Railroad, Sep p48 Engine terminal with a future, An, Mar

Hills and harbor track plan, Nov p64 Small, simple, and amazingly sensible 5-by-9 plan, A, May p64 Three times around the tree, Dec p79 12-by-25 rec-room railroad, Jul p70

Walk-in, sit-down, standout plan, A, Feb

Waterfront Terminal Railroad, Jan p60 Wild West in a 5- by 9-foot space, The, Oct p44

\*Track buyer's guide: O gauge track brands, Oct p48

### Track plans

American Flyer Graffiti (S, American Flyer), Nov p66

And to think that I saw it on Main Street (O, Marx), Feb p64 Build a lightweight S gauge layout (O,

S-Helper Service), Jan p74 Building the perfect Christmas layout (S, American Flyer), Jan p80 80 years in the making (O, Lionel), May

p52

From Mayberry to Smoky Mountain Trains (O, multiple), Oct p58 Fulfillment of dreams, A (O, multiple),

Nov p50

Getting started for the second time (O, Lionel), Nov p78 Grit, grime, & three rails (O, multiple),

Mar p51 Layout advice from a train engineer (O,

multiple), Oct p36

Lionel returns to the Big Apple (O, Lionel), Dec p66

Logging + O gauge = Serendipity (O, multiple), Dec p46

Master layout of a master builder (O, multiple), Jan p62 Mob hit, A (O, Lionel), Sep p68

North to Alaska in O gauge (O, multiple), Feb p44

O gauge layout alive with sound, An (O, multiple), Jul p38

Pacific Northwest comes alive in O gauge, The (O, multiple), Dec p54

S gauge "craftsman layout," An (S, multiple), Jul p60

Small town boy makes good (O, mul tiple), Mar p62 Small town with big railroads (O, mul-

tiple), Sep p62 Weekend in New England (O, multiple),

May p38 Welcome to Coalport, circa 1948 (O/S, multiple), Sep p34

Trzoniec, Stan

CTT visits Ross Custom Switches, Jul p66 \*12-by-25 rec-room railroad, Jul p70

Van de Kieft, Richard

Merge two big banks into one grand station, May p48

### W-X-Y-Z

\*Walk-in, sit-down, standout plan, A, Feb

p70 \*Waterfront Terminal Railroad, Jan p60 \*Weekend in New England, May p38

\*Welcome to boxes 101, Mar p58 \*Welcome to Coalport, circa 1948, Sep p34 Whitmoyer, Philip

DVD theater, Sep p46 \*Wild West in a 5- by 9-foot space, The,

Oct p44

Wing, Kennard T. How to 'lock-out' collisions, May p72 Wiring diagrams

How to connect TMCC to your layout,  $\mathrm{Sep}\;\mathrm{p73}$ How to phase a pair of older transform-

ers, Oct p75 How to use bus wiring on your layout,

Dec p83 Overcoming a common semaphore mistake, Nov p89

Woodwell, Don Lessons in layout wiring, Sep p58



To download our previous annual indexes, go to classictoytrains. com and click on "Our Magazine."