

MODEL RAILROADER

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| Layout | Improving derailments | 1963 | July | 39 |
| Locomotive | Improving the lead truck of steam locos | 1963 | July | 50 |
| Locomotives | Improving the lead truck of steam locos | 1963 | July | 50 |
| Track | Can derailments be banished? Comepletely? | 1963 | July | 39 |
| Layout | Terminal Central layout-track plan | 1973 | Oct | 44 |
| Track | Terminals | 1973 | Oct | 44 |
| Trees | Make better trees from bought ones | 1973 | Jan | 65 |
| Structures | CP Square Water Tank | 1973 | Jan | 73 |
| Structures | Useful freight platform | 1973 | Feb | 43 |
| Track | Bethlehem twin span turntable | 1973 | Feb | 48 |
| Wiring | Mechanism for a search light signal | 1973 | Feb | 60 |
| Track | Jig made epoxy-mounted switches | 1973 | March | 36 |
| Index | Jan-Dec 1972 | 1973 | March | i |
| Wiring | Automatic turntable indexing | 1973 | March | 50 |
| Layout | John Allen - GD Layout | 1973 | April | 35 |
| Wiring | Modeling with fiber optics | 1973 | April | 52 |
| Structures | Cal's Lumberyard | 1973 | April | 62 |
| Layout | London's Benchwork & Track Laying | 1973 | May | 36 |
| Track | Track contacts | 1973 | May | 53 |
| History | D&RG & RGS K-27's - Part 2 | 1973 | June | 38 |
| Layout | Takeout layouts | 1973 | June | 56 |
| Structures | Wood for your wood burners - platforms | 1973 | June | 64 |
| Trees | Marvelous moss | 1973 | June | 67 |
| Layout | Simulating prototype trackway | 1973 | July | 30 |
| Water | Scratch build a waterfall | 1973 | July | 43 |
| Structures | Beem Feed & Seed Plant | 1973 | Aug | 34 |
| Structures | How to make neat signs | 1973 | Aug | 43 |
| Misc | Modelers camera with roll-film holder | 1973 | Aug | 50 |
| Track | Roving uncoupling ramps | 1973 | Aug | 58 |
| Structures | Faber's cyclery | 1973 | Sept | 40 |
| Structures | Signs for model co-ops | 1973 | Sept | 58 |
| Wiring | Light beams detect trains | 1973 | Sept | 59 |
| Structures | Rectangular watertank | 1973 | Oct | 38 |
| Bridges | Bash a bridge | 1973 | Oct | 54 |
| Structures | John Allen's Memorial Bridge | 1973 | Nov | 63 |
| Structures | Gingerbread house | 1973 | Nov | 71 |
| Misc | Specs on different scale railroads | 1973 | Dec | 41 |
| Structures | Engine terminal | 1973 | Dec | 49 |
| Bridges | B&OCT Bascule Bridge | 1973 | Dec | 58 |
| History | Chattahoochee Valley Shortline | 1973 | Dec | 72 |
| Clinic | Getting started in this hobby | 1974 | Dec | 79 |
| Editorial | Getting started in this hobby | 1974 | Dec | 79 |
| Track | Three color signals with one lamp | 1974 | Dec | 78 |
| Trees | Building trees from picture wire | 1974 | Jan | 44 |

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| Structures | Rowley Station | 1974 | Jan | 50 |
| Wiring | Hot wire | 1974 | Jan | 70 |
| Layout | Building the Rochester Regional RR - Part 1 | 1974 | Feb | 55 |
| Structures | Modular structure assembly | 1974 | Feb | 60 |
| Layout | Operation by zone | 1974 | Feb | 66 |
| Structures | Jones Chemical Co. | 1974 | March | 42 |
| Index | Jan - Dec 1973 | 1974 | March | i |
| Layout | Finishing the Rochester Regional RR - Part 2 | 1974 | March | 56 |
| Track | Detail the rightway | 1974 | April | 36 |
| Misc | Conversion tables | 1974 | April | 49 |
| Structures | Peter's Sausage Co. | 1974 | April | 60 |
| Structures | Second National Bank | 1974 | May | 34 |
| Structures | Wayside Warehouse | 1974 | June | 30 |
| Layout | Take it with you - fold up layout | 1974 | June | 60 |
| Structures | North Abington Coal Shed | 1974 | July | 41 |
| Layout | The Double Crossing RR | 1974 | July | 45 |
| History | Reading O-4-O Switcher | 1974 | July | 56 |
| Track | A working track diagram | 1974 | July | 62 |
| Layout | Railways of America 50' x 165' | 1974 | Aug | 30 |
| Misc | Conversion tables | 1974 | Aug | 45 |
| Structures | Oak Lake Grain Elevator | 1974 | Aug | 54 |
| Misc | Picture quiz | 1974 | Aug | 63 |
| Structures | Stations | 1974 | Sept | 42 |
| Layout | Five layouts of the Detroit Model RR Club | 1974 | Sept | 44 |
| Scenery | Scenery and foliage texturing | 1974 | Sept | 56 |
| History | Railroads in the mountains | 1974 | Oct | 34 |
| History | Missouri Pacific 2-8-0 | 1974 | Oct | 48 |
| Misc | Work box for house or vacation | 1974 | Oct | 56 |
| Structures | Otis Station | 1974 | Oct | 62 |
| History | 4-8-2's of the Norfolk & Western RR | 1974 | Nov | 52 |
| Structures | A three towered station | 1974 | Nov | 68 |
| Track | Easing the top & bottoms of grades | 1974 | Nov | 79 |
| Structures | The Perkins Produce Project | 1974 | Dec | 54 |
| Track | Crimp-link switch machine installation | 1974 | Dec | 61 |
| Wiring | Three color signals with one lamp | 1974 | Dec | 78 |
| Misc | Getting started in this hobby | 1974 | Dec | 79 |
| Structures | Build your own gold mine - Part 1 | 1975 | Jan | 46 |
| Layout | The logging RR's of Louis Julhain | 1975 | Jan | 54 |
| Wiring | Heat sinks for transistors | 1975 | Jan | 70 |
| Track | Common road signs | 1975 | Feb | 44 |
| Layout | Fox River Grove RR | 1975 | Feb | 62 |
| Structures | Build your own gold mine - part 2 | 1975 | Feb | 72 |
| History | D&H Poppet-valves Pacific | 1975 | Feb | 52 |
| Structures | Mill office | 1975 | March | 42 |

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| Structures | The Ohio, Michigan & South Shore RR | 1975 | March | 46 |
| Track | How to build switch stands | 1975 | March | 50 |
| Index | Jan - Dec 1974 | 1975 | March | i |
| Wiring | Wiring your first layout | 1975 | April | 40 |
| History | Electro-motive FT - first freight diesel | 1975 | April | 48 |
| Misc | A new source of tools for model railroading | 1975 | April | 62 |
| Layout | The Brandy Wine Transit Co. - Part 1 | 1975 | May | 52 |
| Structures | 25 ton coaling stations | 1975 | May | 64 |
| Structures | The duplex stations at Linden | 1975 | June | 38 |
| Layout | East Skrinary - study in rust, junk | 1975 | June | 42 |
| Track | A system for hand laying track | 1975 | June | 62 |
| Track | Roadbed by the mile | 1975 | June | 64 |
| Track | Add signal detail to your right of way | 1975 | June | 66 |
| Layout | Build an electric utility | 1975 | July | 43 |
| Trees | Palm trees | 1975 | Aug | 44 |
| Rolling Stock | Protofour policies - standards | 1975 | Aug | 54 |
| Layout | Tuobmeme forks lumber co. | 1975 | Aug | 50 |
| Structures | Mr. Pottle's potworks | 1975 | Sept | 62 |
| Bridges | Simple truss bridge | 1975 | Oct | 48 |
| Layout | South Troy, English and Wickliffe RR | 1975 | Nov | 50 |
| Rolling Stock | Movable draft gear for long cars | 1975 | Nov | 56 |
| Structures | Modeling Mount Hope Station | 1975 | Nov | 58 |
| History | Southern Railways Class F-1, 4-6-0 #949 | 1975 | Nov | 64 |
| Misc | Waybills on the car | 1975 | Nov | 86 |
| Layout | Building the Marquette & Independence RR | 1975 | Dec | 62 |
| Misc | Modeling telltales | 1976 | Jan | 48 |
| Locomotives | Model locomotive turnup procedures | 1976 | Jan | 53 |
| Scenery | Try covering some building with ivy | 1976 | Jan | 74 |
| Structures | Scratch-build a loading platform | 1976 | Jan | 76 |
| Track | Working search light signals - fiberoptics | 1976 | Jan | 82 |
| Track | Handling N-gauge code 40 track | 1976 | Feb | 42 |
| Wiring | Marquette & Independence RR | 1976 | Feb | 60 |
| Scenery | Kitty litter scenery | 1976 | March | 48 |
| Index | Jan - Dec 1975 | 1976 | March | i |
| Scenery | Casting rock walls - Bohemian Style | 1976 | March | 65 |
| Structures | The Pennsylvania President's Station | 1976 | April | 41 |
| Scenery | Building the Marquette & Independence RR | 1976 | April | 44 |
| Structures | Mayforms Commuter Station | 1976 | April | 52 |
| History | Filer & Stowell Logging Locomotives | 1976 | May | 46 |
| Layout | One of the World's Largest Home Layouts | 1976 | June | 52 |
| Bridges | Vandermenlers & Everett Sand & Gravel Co. | 1976 | June | 74 |
| History | America's first Common Carrier RR - B&O | 1976 | July | 74 |
| Layout | Frank Ellison's legacy | 1976 | July | 87 |
| Structures | Build an ash pit with derrick | 1976 | Aug | 58 |

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| Layout | Chattanooga area railroad club | 1977 | Oct | 91 |
| Layout | Chattanooga area railroad club | 1977 | Oct | 91 |
| Track | Ultrareliable handlaid turnouts | 1977 | March | 68 |
| Track | Turnouts | 1977 | Mar | 68 |
| Layout | Pennsylvania railroad | 1981 | Mar | 62 |
| Wiring | Basic rules to make it simple | 1981 | Mar | 110 |
| Scenery | Soil and plant life | 1982 | Oct | 100 |
| Water | Modeling water | 1982 | Mar | 98 |
| Layout | A visit to the Virginian & Ohio RR | 1982 | Nov | 68 |
| Structures | Structures for the Jerome & Southwestern | 1982 | Nov | 98 |
| Layout | Pennsylvania & Westbrook | 1982 | Nov | 110 |
| Scenery | A backdrop for the Waskits & Santa Fe | 1982 | Nov | 120 |
| Layout | The Whiskey River Division, Great Northern RR | 1982 | Dec | 84 |
| Structures | Build the Flatt Iron Co | 1982 | Dec | 104 |
| Misc | Track profiles | 1982 | Dec | 124 |
| Misc | 10 principles for planning a family model RR | 1982 | Dec | 126 |
| Layout | Alturas & Lone Pine RR | 1983 | Jan | 66 |
| Layout | Backdrops for the Jerome & Southwestern | 1983 | Jan | 78 |
| History | Search light signals | 1983 | Jan | 111 |
| Layout | The Jerome & Southwestern Groves | 1983 | Feb | 62 |
| Structures | North Orwell General Store | 1983 | Feb | 76 |
| Layout | The Ohio Southern's by-level benchwork | 1983 | Feb | 83 |
| Structures | A coal loader for the Roakandie Mountain RR | 1983 | Feb | 95 |
| Track | Coloring track for maximum effect | 1983 | Feb | 104 |
| Index | Jan - Dec 1982 | 1983 | March | i |
| Structures | Building Kopay's Furniture Store | 1983 | March | 70 |
| Layout | Last days on the Duquesne | 1983 | March | 58 |
| Layout | Track side stock pins for your layout | 1983 | April | 80 |
| Track | Bumping posts & cars stops | 1983 | April | 100 |
| Structures | Build a single stall engine house | 1983 | May | 74 |
| Trees | Flat background trees | 1983 | May | 88 |
| Layout | The Great Southern revisited | 1983 | June | 58 |
| Structures | Structures for the Washita & Santa Fe | 1983 | June | 74 |
| Structures | Scratch building Paul's Valley Station | 1983 | June | 80 |
| Track | Building turnouts at the workbench | 1983 | June | 92 |
| History | Super detailing a Pacific Coast Shay - Part 1 | 1983 | July | 50 |
| Structures | Conrail track scale & switchman's shanty | 1983 | July | 60 |
| Scenery | 48 star flags | 1983 | July | 90 |
| Structures | Kit bashing Edison Supply Co. | 1983 | Aug | 62 |
| Track | Smash board signals | 1983 | Aug | 68 |
| Trees | Floral shop trees | 1983 | Aug | 70 |
| Live Steam | Finger Lakes live steamers | 1983 | Aug | 74 |
| Layout | Modeling RR at the Ohio State Fair | 1983 | Aug | 82 |
| History | Detailing a Pacific Coast Shey - Part 2 | 1983 | Aug | 88 |

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| Layout | Hinged yards are easier | 1983 | Sept | 76 |
| Locomotives | Louisville & Nashville's K-4 & K-4A's Pacifics | 1983 | Sept | 78 |
| Layout | Model RR Club, A progress report | 1983 | Oct | 70 |
| Locomotives | Pacific Coast Shey - Part 3, Super detailing | 1983 | Oct | 76 |
| Rolling Stock | Build the Southern Pacific's Double Stack | 1983 | Oct | 83 |
| Structures | Build a Straddle Loader | 1983 | Oct | 94 |
| Trees | Jute trees | 1983 | Oct | 124 |
| Structures | Building a whiting gantry crane | 1983 | Nov | 74 |
| Layout | Ride the San Juan Central | 1983 | Nov | 88 |
| Structures | Building a derelict depot | 1983 | Nov | 112 |
| Misc | Basics of air brush painting | 1983 | Dec | 80 |
| Layout | John Witten's Great Byron & Western (ceiling RR) | 1983 | Dec | 84 |
| Structures | Reading track maintenance structures | 1983 | Dec | 96 |
| Structures | S.J. Young & Sons Coal Co. | 1983 | Dec | 99 |
| Scenery | Modeling the great American deserts | 1983 | Dec | 111 |
| Layout | Benchwork for the San Juan Central | 1983 | Dec | 118 |
| Layout | Golden Anniversary Goodwill Tour | 1984 | Jan | 100 |
| History | Milwaukee Road Hiawatha | 1984 | Jan | 112 |
| History | Mescal Lines Railroad | 1984 | Jan | 124 |
| Water | Modeling with acrylic gloss medium | 1984 | Jan | 152 |
| Layout | Maryland and Susquehanna RR | 1984 | Feb | 58 |
| Weathering | Quick weathering with chalks | 1984 | Feb | 64 |
| Misc | A computerized traffic generator | 1984 | Feb | 72 |
| Layout | Diablo Valley Lines | 1984 | March | 58 |
| History | Arizona Logging Line | 1984 | March | 70 |
| Index | Jan - Dec 1983 | 1984 | March | i |
| Layout | We build the Gold Hill Central | 1984 | March | 85 |
| Scenery | Summit scenery on the NEB&W | 1984 | March | 100 |
| Layout | Scenery for the San Juan Central | 1984 | April | 56 |
| Structures | Structures for the Gold Hill Central | 1984 | April | 96 |
| Structures | Structures for the San Juan Central | 1984 | May | 56 |
| Weathering | Wash & dry brush weathering | 1984 | May | 98 |
| Layout | Dennis Manwarri's Generic RR | 1984 | May | 92 |
| Layout | Henry Lee's Ute City Branch | 1984 | June | 58 |
| History | Great domes of the Empire Building | 1984 | June | 73 |
| History | D&RG Mountain Locomotive | 1984 | June | 80 |
| Bridges | Bridges for the San Juan Central | 1984 | June | 96 |
| Layout | Paskenta Railway & Navigation Co. | 1984 | July | 54 |
| Structures | Modeling an O&W Station | 1984 | July | 72 |
| Structures | NY, Ontario & Western Station | 1984 | July | 76 |
| Layout | Washito Canyon on the the Washito & Santa Fe | 1984 | Aug | 58 |
| Structures | Dolse Sand & Gravel | 1984 | Aug | 63 |
| Track | Hinged-point turnouts | 1984 | Aug | 75 |

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| Trees | Root trees for scenic variety | 1984 | Aug | 94 |
| Layout | Operation on the San Juan Central | 1984 | Aug | 98 |
| Layout | Northern Sierra & Fall Creek RR | 1984 | Sept | 62 |
| Layout | The GV&W, Scene 1 | 1984 | Sept | 67 |
| Structures | A pair of Kitbashed storage sheds | 1984 | Sept | 70 |
| History | Diesel Locomotives milestones | 1984 | Sept | 82 |
| Locomotives | Modeling a Southern Railway SD40-2 | 1984 | Oct | 75 |
| Rolling Stock | Modeling a Southern Railway Caboose | 1984 | Oct | 78 |
| Structures | Milwaukee Road Brookville Station | 1984 | Oct | 82 |
| Weathering | Spray weathering without an air-brush | 1984 | Oct | 98 |
| Layout | Born to raise L's | 1984 | Oct | 109 |
| History | Reading RR Passenger Cars | 1984 | Nov | 90 |
| Structures | A hillside water tank | 1984 | Nov | 98 |
| Bridges | The near-perfect bridge (walk-through) | 1984 | Nov | 100 |
| Structures | Severna Park's Steel Mill | 1984 | Nov | 109 |
| Layout | Wood highway crossings | 1984 | Dec | 86 |
| Layout | Building a Marengo, Milwaukee & Northern | 1984 | Dec | 98 |
| Layout | Building the Lamar, Queens & Northern | 1984 | Dec | 122 |
| Misc | Photographing models thru "smoked" glass | 1985 | Jan | 76 |
| History | Mich-Cal; 26-ton Shays | 1985 | Jan | 82 |
| Wiring | Two-cab wiring | 1985 | Jan | 107 |
| Trees | A source for large pine trees | 1985 | Jan | 114 |
| Structures | Nordis Garage | 1985 | Jan | 116 |
| Layout | Jeas Bennett's Great Northern Pacific | 1985 | Feb | 62 |
| Misc | Build a steam shovel | 1985 | Feb | 70 |
| Misc | Maintaining locomotives | 1985 | Feb | 75 |
| Wiring | A computer/model RR interface - Part 1 | 1985 | Feb | 92 |
| Scenery | Rock-fill crib walls | 1985 | Feb | 98 |
| Track | Improving Atlas N-scale turnouts | 1985 | Feb | 102 |
| Scenery | Modeling tall prairie grass | 1985 | March | 62 |
| Scenery | Flanger signs | 1985 | March | 68 |
| Structures | Gambol Whaite & Hope; a kit mingled industry | 1985 | March | 69 |
| Structures | Pennsy 40,000 gallon water tank | 1985 | March | 74 |
| Index | Jan - Dec 1984 | 1985 | March | i |
| Wiring | A computer/model RR interface - Part 2 | 1985 | March | 92 |
| Misc | The Wise Division beginners meet | 1985 | March | 116 |
| Layout | Some ABC's of Z-scale | 1985 | April | 58 |
| Layout | Model RR as - and where - you like it | 1985 | April | 75 |
| Structures | Mac Donald Coal Co. | 1985 | April | 79 |
| Wiring | A computer/model RR interface - Part 3 | 1985 | April | 90 |
| Layout | D&RG's San Juan extension | 1985 | May | 58 |
| Structures | Welte Lumber & Millwork | 1985 | May | 68 |
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| Wiring | A computer/model RR interface - Part 4 | 1985 | May | 92 |

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| Bridges | Steel trestles from Central Valley Bridges | 1985 | June | 68 |
| History | Western Maryland Decapods | 1985 | June | 74 |
| Wiring | A computer/model RR interface - Part 5 | 1985 | June | 80 |
| Misc | Cattle crossing guards | 1985 | July | 68 |
| Scenery | Creating your own backdrop | 1985 | July | 71 |
| Wiring | A computer/model RR interface - Part 6 | 1985 | July | 86 |
| Bridges | Wood king - post truss highway bridge | 1985 | July | 92 |
| Layout | The Peninsula Model RR Association | 1985 | Aug | 54 |
| Track | How to hand lay track | 1985 | Aug | 66 |
| Structures | Hardly Able Manufacturing co. | 1985 | Aug | 71 |
| Trees | A quick and inexpensive pine forest | 1985 | Aug | 80 |
| Wiring | A computer/model RR interface - Part 7 | 1985 | Aug | 87 |
| Misc | Build the LeTourneau Letro-porter | 1985 | Aug | 95 |
| Track | Using snap switches for power routing & panel lamps | 1985 | Aug | 108 |
| Track | Contemporary switch-point heater | 1985 | Sept | 68 |
| History | Baby Shays | 1985 | Sept | 103 |
| Layout | Ironhead Timber co. | 1985 | Oct | 60 |
| Wiring | A computer/model RR interface - Part 8 | 1985 | Oct | 66 |
| Water | Water and how to model it | 1985 | Oct | 78 |
| Structures | Corrugated siding by the top | 1985 | Nov | 80 |
| Layout | The Utah Colorado Western | 1985 | Nov | 82 |
| History | Missouri-Kansas-Texas Pacifics | 1985 | Nov | 92 |
| Misc | Clean track - clean wheels | 1985 | Nov | 96 |
| Wiring | A computer/model RR interface - Part 9 | 1985 | Nov | 98 |
| Layout | Indian Creek Valley Railway | 1985 | Dec | 76 |
| Layout | Seaboard Central - Part 1 | 1985 | Dec | 86 |
| Misc | Scales and gauges | 1985 | Dec | 92 |
| Scenery | Mini mirrors | 1985 | Dec | 100 |
| History | Toy Train Museum | 1985 | Dec | 108 |
| Water | Rushing water | 1985 | Dec | 112 |
| Wiring | A computer/model RR interface - Part 10 | 1985 | Dec | 114 |
| Layout | The Silverton & Telluride Railway Co. | 1986 | Jan | 67 |
| Structures | Coldwater, N.Y. Passenger Station | 1986 | Jan | 78 |
| Scenery | Seaboard Central; Conclusion | 1986 | Jan | 88 |
| Track | Modeling a stub switch | 1986 | Jan | 94 |
| History | Santa Fe Prairie Locomotives | 1986 | Jan | 96 |
| Locomotives | Repowering a Rivarossi Mikado | 1986 | Jan | 100 |
| Weathering | Weathering figures | 1986 | Jan | 108 |
| Bridges | A big bridge for your double track main | 1986 | Feb | 80 |
| Scenery | Casting junk | 1986 | Feb | 92 |
| Scenery | Making signs for the layout | 1986 | Feb | 94 |
| Structures | Elevated crossing gate tower | 1986 | Feb | 102 |
| Trees | Deciduous anyone? | 1986 | Feb | 116 |

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| Layout | Tall Pine RR | 1986 | March | 60 |
| Layout | Carpentry for the Z-scale Western Pacific - Part 2 | 1986 | March | 66 |
| Structures | Scratch build a Santa Fe Station - Part 1 | 1986 | March | 76 |
| Index | Jan - Dec 1985 | 1986 | March | i |
| Layout | The Magnolia Western RR | 1986 | April | 58 |
| Layout | Z-scale Western Pacific | 1986 | April | 63 |
| Structures | Scratch build a Santa Fe Station - Part 2 | 1986 | April | 72 |
| Layout | Franklin & South Manchester | 1986 | April | 80 |
| Track | A manual switch machine | 1986 | April | 96 |
| Layout | The North Shore Model RR Club | 1986 | May | 52 |
| History | Sioux City Rapid Transit Co. | 1986 | May | 64 |
| Structures | Kitmaingle, A Wedge Shaped Factory | 1986 | May | 71 |
| History | Louisville & Nashville Class L-1 Locomotive | 1986 | May | 76 |
| Track | Highway crossings for the Joplin & Southern | 1986 | May | 90 |
| Scenery | Modeling Feather River Canyon (Z-Western Pacific - Part 4) | 1986 | May | 102 |
| Structures | Modelling a 650-ton coaling station | 1986 | June | 74 |
| Track | Ballasting the track on the Joplin & Southern | 1986 | June | 80 |
| Trees | String trees | 1986 | June | 83 |
| Layout | Computer/Model RR interface | 1986 | June | 100 |
| Layout | The Fundy Northern Expands | 1986 | July | 62 |
| History | Mail crane and catcher | 1986 | July | 58 |
| Track | Switch machines; now you see them - now you don't | 1986 | July | 98 |
| Layout | Locomotives servicing facilities | 1986 | Aug | 80 |
| Layout | Computer Interface - Part 16 | 1986 | Aug | 98 |
| Layout | Low cost HO turntable | 1986 | Sept | 80 |
| Misc | Pin hole photography | 1986 | Sept | 91 |
| Scenery | Modeling cuts & fills | 1986 | Sept | 96 |
| Track | A unitized switch machine | 1986 | Sept | 98 |
| Layout | The Cottonwood and Shortcut | 1986 | Oct | 75 |
| Structures | Continental Grain Co. | 1986 | Nov | 78 |
| Layout | Further adventures in G | 1986 | Nov | 87 |
| Locomotives | Painting a brass steam locomotive | 1986 | Nov | 146 |
| Track | Derailment free track running | 1987 | Feb | 76 |
| Track | Improving commercial turnouts | 1987 | Jan | 80 |
| Benchwork | ABC's of benchwork | 1987 | Jan | 83 |
| Structures | Residential ramblings | 1987 | Jan | 106 |
| Layout | Aberfoyle Junction II | 1987 | Feb | 65 |
| Layout | Crushed stone on Aberfoyle Junction | 1987 | Feb | 70 |
| Track | Bridge guard rails | 1987 | Feb | 74 |
| Track | ABC's of laying track | 1987 | Feb | 76 |
| Track | Easy to build turntable | 1987 | Feb | 92 |
| Track | ABC's of turning track | 1987 | March | 68 |
| Track | Automatic reverse loop operation | 1987 | March | 70 |
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| Track | Energize that dead frog | 1987 | March | 94 |
| Layout | Franklin & South Manchester 1 year later | 1987 | April | 56 |
| Misc | Timetables for smoother operation | 1987 | April | 70 |
| Scenery | Easysell scenery-newspapers & plastercloth | 1987 | April | 73 |
| Wiring | ABC's of wiring your layout | 1987 | April | 76 |
| Garden Railroading | How I got into garden railroading | 1987 | April | 88 |
| Rolling Stock | How to apply decals | 1987 | May | 62 |
| Track | Quick, easy, and inexpensive switch stands | 1987 | May | 66 |
| Rolling Stock | ABC's of freight car tune-up | 1987 | May | 70 |
| Scenery | ABC's of scenery | 1987 | June | 100 |
| Weathering | Weathering corrugated siding | 1987 | July | 60 |
| History | Illinois Central Mikado | 1987 | July | 71 |
| Structures | Fruit-packing shed | 1987 | July | 79 |
| Layout | TIBS, the train and industry blocking system | 1987 | July | 91 |
| Rolling Stock | Here's the beef | 1987 | Aug | 52 |
| Track | Using slow-motion switch motors | 1987 | Aug | 62 |
| Track | ABC's of good-running locomotives | 1987 | Aug | 66 |
| Layout | Modular railroading Nashville style | 1987 | Aug | 79 |
| Structures | Build a 600-ton concrete coaling tower | 1987 | Aug | 82 |
| Misc | Ferroequinology-(model railroading) | 1987 | Aug | 100 |
| Misc | Some riveting experiences (embossing rivets) | 1987 | Sept | 62 |
| Misc | ABC's of model railroad photography | 1987 | Sept | 64 |
| Structures | Gettysburg & Harrisburg RR Gardners station | 1987 | Sept | 77 |
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| Structures | Yosemite Valley RR water tank | 1987 | Sept | 94 |
| Layout | West Tennessee Central | 1987 | Oct | 58 |
| History | Pike-size Steam Passenger Trains | 1987 | Oct | 77 |
| Track | Slow action crossing gates - Part 1 | 1987 | Nov | 80 |
| Layout | Allegheny Midland - Part 1 | 1987 | Dec | 88 |
| Track | Slow action crossing gates - Part 2 | 1987 | Dec | 100 |
| Misc | ABC's of going beyond a train set | 1987 | Dec | 120 |
| Scenery | Building believable bluffs | 1987 | Dec | 140 |
| Layout | Building the Carbondale Central - Part 1 | 1988 | Jan | 80 |
| Structures | Permanent snow fences | 1988 | Jan | 93 |
| History | 100 years ago - Erie Branch | 1988 | Jan | 112 |
| Layout | Allegheny Midland - Part 2 | 1988 | Jan | 116 |
| Misc | The Paint Shop Spray Booth (good drawings) | 1988 | Jan | 128 |
| Layout | Building the Carbondale Central - Part 2 | 1988 | Feb | 80 |
| History | Reading RR Atlantics | 1988 | Feb | 89 |
| Trees | Pine tree art | 1988 | Feb | 108 |
| Layout | RioGrande and Southwestern | 1988 | March | 60 |
| Structures | D&RGW's Wagon Wheel Gap Station | 1988 | March | 79 |
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| Layout | Building the Carbondale Central - Part 3 | 1988 | March | 92 |

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| Misc | ABC's of lettering rollingstock | 1988 | April | 68 |
| History | NYC's 20th Century Limited | 1988 | April | 76 |
| People | Improving cheap plastic figures | 1988 | April | 100 |
| Layout | Auburn, Colona & Placerville RR | 1988 | May | 60 |
| Structures | Modeling an Irving Gas Station | 1988 | May | 66 |
| Track | Power switch machines | 1988 | May | 72 |
| Locomotives | Norfolk & Western Electric Locomotives | 1988 | May | 81 |
| Layout | Breakneck Mountain N-track Module 2 | 1988 | May | 98 |
| Layout | A visit to Cyprus Junction | 1988 | June | 56 |
| Track | Realistic N-scale signals - Part 1 | 1988 | June | 62 |
| Layout | O-scale Southern Keystone | 1988 | June | 82 |
| Layout | Two scenes for the space of one | 1988 | June | 94 |
| Track | Realistic N-scale signals - Part 2 | 1988 | July | 62 |
| Bridges | Understanding bridge construction | 1988 | July | 66 |
| Track | Simplified CTC signals | 1988 | July | 72 |
| Layout | Flip A Scene | 1988 | July | 94 |
| Scenery | Misc. | 1989 | Sept | 79 |
| Layout | Fiber optics in railroading | 1990 | Nov | 88 |
| Layout | Mountain layout | 1990 | Dec | 124 |
| Layout | Copper mine | 1990 | Dec | 148 |
| Rocks | Rock castings | 1990 | Aug | 64 |
| Scenery | Ground cover from carpet | 1990 | Sept | 74 |
| Wiring | Wiring your layout | 1990 | July | 98 |
| Layout | Animated pole operations | 1991 | July | 76 |
| Scenery | Rocks & water | 1991 | July | 90 |
| Scenery | Using styrofoam popcorn | 1991 | Nov | 98 |
| Scenery | Build a ground foam applicator | 1991 | Nov | 102 |
| Scenery | How to make masonry walls | 1991 | Nov | 140 |
| Track | Turnouts | 1991 | Jan | 94 |
| Trees | Trees & bushes | 1991 | Nov | 144 |
| Wiring | Block signals | 1991 | Nov | 128 |
| Wiring | Block signals | 1991 | Dec | 130 |
| Layout | Iron mining | 1992 | Nov | 118 |
| Rocks | Rocks | 1992 | Apr | 89 |
| Rolling stock | Converting trucks | 1992 | June | 104 |
| Rolling stock | Wreck, damaged cars | 1992 | Apr | 74 |
| Scenery | Layout | 1992 | Dec | 94 |
| Scenery | Adding a tunnel | 1992 | Oct | 85 |
| Scenery | Fiber optic street lights | 1992 | Apr | 98 |
| Trees | Trees | 1992 | Oct | 76 |
| Trees | Trees | 1992 | July | 106 |
| Wiring | Block signals | 1992 | Mar | 114 |
| Wiring | Block signals | 1992 | Feb | 102 |
| Wiring | Block signals | 1992 | Jan | 108 |

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| Layout | Wiring ballast & profile boards | 1993 | Apr | 98 |
| Layout | Layout construction | 1993 | Feb | 106 |
| Layout | Construction | 1993 | Jan | 102 |
| Rocks | Adding rocks | 1993 | June | 82 |
| Scenery | Adding bridges & water | 1993 | Aug | 66 |
| Scenery | Adding trees & roads | 1993 | July | 72 |
| Scenery | Feather weight hills | 1993 | May | 76 |
| Scenery | Trees & corn fields | 1993 | Apr | 18 & |
| Layout | Layout construction | 1994 | Jan | 97 |
| Layout | Helix | 1994 | Sept | 78 |
| Layout | Constructing a helix | 1994 | Sept | 78 |
| Layout | 10 weeks to a better layout | 1994 | Aug | 52 |
| Scenery | Weathering structures | 1994 | Aug | 86 |
| Water | Water | 1994 | June | 106 |
| Layout | Dressup power poles | 1995 | Aug | 104 |
| Layout | Multi level & helix | 1995 | Apr | 96 |
| Layout | Return of the Clinchfield | 1995 | June | 104 |
| Locomotives | Taking care & feeding | 1995 | July | 68 |
| Scenery | Weathering | 1995 | May | 104 |
| Scenery | Casting your own detailed parts | 1995 | Sept | 96 |
| Scenery | Weeds | 1995 | Dec | 136 |
| Structures | Chemical complex | 1995 | May | 74 |
| Trees | Trees | 1995 | July | 62 |
| Trees | Trees | 1995 | May | 83 & |
| Trees | Forest | 1995 | Nov | 88 |
| Trees | Trees | 1995 | Sept | 66 |
| Clinic | How to solder | 1996 | Nov | 116 |
| Layout | Huntington & Hartford | 1996 | Dec | 84 |
| Layout | Hiding switch motors | 1996 | Aug | 64 |
| Locomotives | Clinchfield diesels | 1996 | July | 128 |
| Rolling stock | Sound & cars | 1996 | June | 88 |
| Scenery | Surf & sand | 1996 | July | 68 |
| Scenery | Winterscapes, part 2 | 1996 | Feb | 82 |
| Scenery | Winterscapes, part 1 | 1996 | Jan | 78 |
| Scenery | Modeling fences | 1996 | Nov | 115 |
| Scenery | Finishing track, ground cover & back drops | 1996 | Nov | 92 |
| Scenery | Track & power | 1996 | Oct | 84 |
| Scenery | Grass | 1996 | Aug | 86 |
| Water | Model water | 1996 | June | 78 |
| DCC | DCC control system | 1997 | July | 94 |
| DCC | DCC control system | 1997 | Dec | 112 |
| Layout | Bench work for the Wisconsin Central | 1997 | Sept | 66 |
| Layout | Road bed, track & scenery | 1997 | Oct | 78 |
| Scenery | Culverts | 1997 | Mar | 78 |

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| Scenery | Ballast scenery details & structures | 1997 | Jan | 88 |
| Scenery | How to plant weeds | 1997 | Apr | 105 |
| Scenery | Desert blooms | 1997 | Apr | 86 |
| Scenery | How to make realistic trees | 1997 | Sept | 88 |
| Scenery | Hills, roads & bridges | 1997 | Nov | 82 |
| Track | All about turnouts | 1997 | Aug | 60 |
| Track | Realistic track | 1997 | Nov | 112 |
| Layout | Coal branch | 1998 | Nov | 82 |
| Layout | Horseshoe curve | 1998 | May | 84 |
| Layout | Foam board | 1998 | April | 94 |
| Layout | Lime & stone quarry | 1998 | Mar | 80 |
| Layout | Doubledeck railroad | 1998 | Feb | 112 |
| Layout | B&O RR | 1998 | Jan | 76 |
| Layout | Wiring, scenery & structures | 1998 | Jan | 86 |
| Scenery | Waterfalls from fishing line | 1998 | Dec | 98 |
| Scenery | 4 different types of fence | 1998 | Nov | 88 |
| Scenery | Allegheny coal | 1998 | Sept | 64 |
| Scenery | Allegheny coal, part 3 | 1998 | Aug | 64 |
| Scenery | Trees, water & ground cover | 1998 | Jan | 112 |
| Layout | Pennsylvania railroad | 1999 | Apr | 62 |
| Lighting | Landscape | 1999 | Sept | 99 |
| Lighting | Buildings | 1999 | Dec | 110 |
| Scenery | Cactus valley | 1999 | Jan | 155 |
| Scenery | Foundation painting and basic foam | 1999 | Mar | 74 |
| Scenery | Ballasting track, rock castings & foliage | 1999 | June | 78 |
| Scenery | Figures, vehicles & water | 1999 | Aug | 68 |
| Track | 2 train wiring | 1999 | May | 70 |
| Track | Weathering | 1999 | July | 93 |
| Trees | Palm trees & orange groves | 1999 | Sept | 76 |
| Water | 3 waterways | 1999 | Oct | 82 |
| Couplers | Survey | 2000 | July | 58 |
| Layout | Appalachian Central | 2000 | Jan | 74 |
| Layout | Western Pennsylvania | 2000 | Aug | 48 |
| Layout | West Virginia | 2000 | Aug | 58 |
| Locomotive | Detailing | 2000 | Feb | 82 |
| Scenery | Appalachian Central | 2000 | Feb | 96 |
| Scenery | Western | 2000 | Apr | 106 |
| Scenery | Stone arch overpass | 2000 | Oct | 94 |
| Scenery | Paint & castings | 2000 | Nov | 92 & |
| Structures | Locomotive shops | 2000 | July | 80 |
| Track | Install a testing track - Part 2 | 2000 | Oct | 64 |
| Track | Switching yard - Part 1 | 2000 | Sept | 50 |
| Track | Paving for railroads - Part 3 | 2000 | Nov | 78 |
| Water | Modeling waterfalls | 2000 | Dec | 74 |

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| Clinic | 10 tips for beginners | 2001 | Jan | 100 |
| Decoder | How to install in steam engines | 2001 | June | 80 |
| Freight cars | Weathering | 2001 | Nov | 89 |
| Layout | Rail yard | 2001 | Sept | 56 |
| Layout | | 2001 | Aug | 80 |
| Layout | Fail safe turnouts | 2001 | Feb | 90 |
| Scenery | Grass | 2001 | Feb | 72 |
| Scenery | All about signs | 2001 | May | 52 |
| Scenery | Basics of making patterns,molds & plaster castings | 2001 | July | 70 |
| Scenery | Modeling snow | 2001 | Dec | 94 |
| Scenery | Lilly pads, cat tails & pond scum | 2001 | Mar | 90 |
| Track | Failsafe turnouts | 2001 | Feb | 90 |
| Wiring | Block signals | 2001 | Mar | 98 |
| Clinic | How to host an open house | 2002 | Nov | 100 |
| Clinic | Terminology | 2002 | Nov | 86 |
| Layout | Pennsylvania Empire | 2002 | Apr | 60 |
| Layout | Horseshoe curve of the 1950's | 2002 | Dec | 116 |
| Layout | Part 1 | 2002 | Oct | 54 |
| Layout | PRR | 2002 | Apr | 60 |
| Layout | Banish derailments for a smoother operation | 2002 | Feb | 84 |
| Locomotives | Care & feeding of diesel locomotives | 2002 | June | 87 |
| Locomotives | Weathering | 2002 | Aug | 50 |
| Rocks | Realistic rocks made with ceiling tile | 2002 | Sept | 60 |
| Rolling stock | Flatcar full of tractors | 2002 | July | 64 |
| Scenery | Casting parts | 2002 | May | 64 |
| Scenery | Corn fields | 2002 | June | 62 |
| Scenery | Rocks | 2002 | Sept | 60 |
| Scenery | Stone viaduct | 2002 | Oct | 82 |
| Scenery | Making realistic palm trees | 2002 | Oct | 101 |
| Scenery | Make your own shingles | 2002 | Nov | 106 |
| Scenery | Landscaping from the foam up | 2002 | Dec | 98 |
| Scenery | Part 2 | 2002 | Nov | 60 |
| Track | Understanding railroad signals | 2002 | Dec | 104 |
| Track | 1 turnout, 2 controls | 2002 | July | 74 |
| Track | Electromagnet | 2002 | Apr | 102 |
| Trees | Autumn trees | 2002 | Aug | 72 |
| Turnouts | Throw a turnout from multiple locations | 2002 | July | 74 |
| Clinic | Lost art of sodering | 2003 | July | 58 |
| Clinic | Soldering wires | 2003 | Dec | 56 |
| Freight cars | Weathering | 2003 | Feb | 68 |
| History | Walt Disney model railroad | 2003 | Jan | 92 |
| Info | Track buyers guide | 2003 | Oct | 90 |
| Layout | Museum of science & industry | 2003 | June | 60 |
| Layout | Storage capacities for a layout | 2003 | April | 90 |

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| Layout | Manual switch controls | 2003 | Oct | 50 |
| Layout | Quick & easy flex track | 2003 | Aug | 76 |
| Layout | Adding a swinging bridge | 2003 | Aug | 82 |
| Layout | 2 tier layout | 2003 | Sept | 26 |
| Layout | Heavy industry | 2003 | Nov | 60 |
| Layout | Polishing rails | 2003 | Jan | 96 |
| Layout | Signal buyers guide | 2003 | May | 64 |
| Layout | Easy turnout controls | 2003 | May | 86 |
| Layout | 10 tips for starting right | 2003 | Dec | 116 |
| Layout | Laying track & building hills | 2003 | Feb | 78 |
| Layout | Modeling stone walls | 2003 | Feb | 92 |
| Locomotive | Weathering your diesels | 2003 | Nov | 66 |
| Rocks | Stone walls | 2003 | Feb | 92 |
| Rocks | Modeling stone walls | 2003 | Feb | 92 |
| Rolling stock | Painting with decals | 2003 | June | 84 |
| Rolling stock | Finding out of production models | 2003 | June | 92 |
| Rolling stock | Guide to freight car trucks | 2003 | Dec | 72 |
| Rolling stock | Quick & dirty freight car weathering | 2003 | Feb | 68 |
| Scenery | Adding forest, rocks & rivers | 2003 | Mar | 80 |
| Scenery | Weathering your structures | 2003 | Nov | 72 |
| Scenery | Low profile track & building foam hills | 2003 | Feb | 78 |
| Trees | Trees | 2003 | Sept | 96 |
| Water | Modeling a creek | 2003 | July | 82 |
| Wiring | Back to basics, wiring reverse loops | 2003 | Sept | 48 |
| DCC | How sound decoders work | 2004 | Dec | 94 |
| Freight cars | Detailing | 2004 | Nov | 64 |
| Layout | Creating the new Virginian & Ohio | 2004 | Jan | 108 |
| Layout | Model mechanical interlockings | 2004 | Jan | 122 |
| Layout | Altoona, PA | 2004 | Jan | 136 |
| Layout | Stronger uncoupling magnets | 2004 | June | 72 |
| Layout | Perfect track | 2004 | July | 44 |
| Layout | Build an animated coaling station | 2004 | July | 58 |
| Layout | 10 tips for staging yards | 2004 | July | 78 |
| Layout | Tunnel through the wall | 2004 | July | 84 |
| Layout | Steam spectacular | 2004 | Feb | 56 |
| Layout | 10 cool tools | 2004 | Feb | 64 |
| Layout | Signaling made easier | 2004 | Feb | 68 |
| Layout | Wiring & scenery | 2004 | Mar | 58 |
| Layout | Signaling made easier | 2004 | Mar | 86 |
| Layout | Landscaping with foam | 2004 | Apr | 46 |
| Layout | A tool for programming decoders | 2004 | Nov | 108 |
| Layout | Steam in the Appalachians | 2004 | Dec | 62 |
| Layout | 10 tips for freight yard design | 2004 | Dec | 68 |
| Layout | Control panels | 2004 | Dec | 90 |

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| Layout | N&W passenger trains of the 50's & 60's | 2004 | Oct | 50 |
| Layout | How sound decoders work | 2004 | Sept | 94 |
| Layout | A tool for programming decoders | 2004 | Nov | 108 |
| Rocks | Rocks | 2004 | Sept | 70 |
| Rocks | Rocks aren't hard | 2004 | Dec | 70 |
| Rocks | Realistic stone structures using No. 2 pencil | 2004 | Dec | 94 |
| Rocks | Casting rocks | 2004 | Oct | 44 |
| Rocks | Rocks | 2004 | Sept | 70 |
| Scenery | Easy ground cover | 2004 | June | 42 |
| Scenery | Painting a scenic backdrop | 2004 | Oct | 70 |
| Track | Reliable turnout controls | 2004 | Dec | 90 |
| Track | Reliable turnout controls | 2004 | Sept | 90 |
| Water | Standing water on your layout | 2004 | June | 56 |
| Water | Water | 2004 | July | 40 |
| DCC | Power buses & districts | 2005 | Nov | 94 |
| DCC | Adding sound of steam | 2005 | Oct | 92 |
| DCC | Wiring a peco electrofrog crossing of DCC | 2005 | Apr | 92 |
| DCC | Convert a bascule bridge to DCC | 2005 | Mar | 94 |
| DCC | Stagging yard with DCC | 2005 | June | 88 |
| DCC | 10 steps to choosing a DCC system | 2005 | Jan | 108 |
| DCC | DCC, choosing system | 2005 | Dec | 74 |
| Layout | Detailed layout | 2005 | Aug | 44 |
| Layout | Operating a logging layout | 2005 | Aug | 54 |
| Layout | Lessons from a successful layout | 2005 | Oct | 54 |
| Layout | Build a backwoods sawmill | 2005 | Oct | 58 |
| Layout | Ideas to improve | 2005 | Aug | 44 |
| Layout | Build a walk through bridge | 2005 | Aug | 52 |
| Layout | Working target signals | 2005 | Sept | 82 |
| Layout | Sound installations | 2005 | Feb | 58 |
| Layout | How to lay track, build a bridge & cast rocks | 2005 | Feb | 76 |
| Layout | Water tower animation | 2005 | July | 122 |
| Layout | West Virginia Northern | 2005 | June | 42 |
| Layout | Modeling a highway underpass | 2005 | June | 50 |
| Layout | 5 things to create a good layout | 2005 | June | 54 |
| Layout | Chessie steam roams the mountains | 2005 | Feb | 50 |
| Layout | Working target signals | 2005 | Sept | 82 |
| Layout | Detailed layout | 2005 | Aug | 44 |
| Layout | Build a walk-through bridge | 2005 | Aug | 52 |
| Layout | Operating a logging layout | 2005 | Aug | 54 |
| Layout | Planning | 2005 | Dec | 86 |
| Locomotive | Review of PRR K4 from Broadway Limited | 2005 | Mar | 98 |
| Locomotive | Better sound installations | 2005 | Feb | 58 |
| Locomotives | Modeling Clinchfield F units | 2005 | May | 54 |
| Locomotives | Detailing locomotives | 2005 | Feb | 86 |

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| Rolling stock | Painting & decaling secrets | 2005 | Feb | 86 |
| Rolling stock | Chains, chocks & shackles for flat cars | 2005 | June | 80 |
| Scenery | Trees/Roads/Water | 2005 | Mar | 86 |
| Scenery | Trees & forest floors | 2005 | Nov | 40 & |
| Scenery | Painting & weather plaster | 2005 | Aug | 82 |
| Scenery | Modeling desert scenery | 2005 | Apr | 48 |
| Scenery | Rock castings | 2005 | Mar | 24 |
| Scenery | Mountains | 2005 | Feb | 50 |
| Scenery | Modeling tall trees | 2005 | May | 70 |
| Scenery | Weathering rolling stock | 2005 | July | 64 |
| Scenery | How to lay track & cast rocks | 2005 | Feb | 76 |
| Scenery | Rocks & trees | 2005 | Mar | 24 |
| Scenery | Western terrain | 2005 | Apr | 48 |
| Scenery | Painting & weather plaster | 2005 | Aug | 82 |
| Signals | Target signal | 2005 | Sept | 82 |
| Structure | Build a walk through bridge | 2005 | Aug | 52 |
| Track | Laying & wiring track | 2005 | June | 36 |
| Track | Track | 2005 | Dec | 48 |
| DCC | DCC caboose lighting | 2006 | Mar | 98 |
| DCC | DCC, reverse loop | 2006 | Dec | 94 |
| DCC | DCC, adding sound | 2006 | Dec | 96 |
| Layout | Grass, tall | 2006 | May | 74 |
| Layout | Operating gates | 2006 | May | 122 |
| Layout | Road bed, flex track & wiring | 2006 | Feb | 58 |
| Layout | Construction | 2006 | Jan | 50 |
| Layout | Pennsy | 2006 | Nov | 48 |
| Layout | Making streets & sidewalks | 2006 | Nov | 80 |
| Locomotive | Sound | 2006 | July | 84 |
| Scenery | Lake, deep mountain | 2006 | July | 61 |
| Scenery | Tree handle | 2006 | July | 114 |
| Scenery | Trees, conifer | 2006 | Feb | 42 |
| Scenery | Simple rotating signs | 2006 | Feb | 130 |
| Scenery | Basics of air brushing | 2006 | Apr | 82 |
| Scenery | Trees from pine cones | 2006 | Apr | 130 |
| Scenery | Putting together a station scene | 2006 | Jan | 44 |
| Scenery | Quick background trees | 2006 | Jan | 138 |
| Scenery | Mountains | 2006 | Dec | 76 |
| Scenery | Making tanks | 2006 | Nov | 130 |
| Structure | Scratch built | 2006 | June | 114 |
| Structure | Operating doors | 2006 | Dec | 138 |
| Track | Switch controls | 2006 | Feb | 46 |
| Clinic | Soldering | 2007 | Feb | 76 |
| DCC | Wiring & setting up DCC | 2007 | Feb | 52 |
| DCC | Installing decoders | 2007 | Jan | 86 |

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| Scenery | Lake makeover | 2007 | Feb | 42 |
| Scenery | Modeling a winter scene | 2007 | Feb | 80 |
| Scenery | Bricks & signs | 2007 | Feb | 84 |
| Scenery | Ballasting | 2007 | Jan | 46 |
| Scenery | Painting mountain backdrop | 2007 | Jan | 74 |
| DCC | Programing sound decoders | 2008 | Feb | 84 |
| DCC | Choosing head lights | 2008 | May | 82 |
| DCC | Wiring power districts and wyes | 2008 | July | 74 |
| DCC | Installing DCC decoders | 2008 | Aug | 74 |
| DCC | Buyers guide | 2008 | Nov | 50 |
| DCC | Basic decoder programming | 2008 | Dec | 84 |
| Freight cars | How to model big flatcar loads | 2008 | July | 38 |
| Index | Jan.-Dec. 2007 | 2008 | Feb | 63 |
| Information | Circus train loading techniques | 2008 | June | 24 |
| Layout | Italian western - details & tressels | 2008 | Jan | 60 |
| Layout | Build the Wisconsin & Southern on a shelf | 2008 | Feb | 42 |
| Layout | Constructing a releable helix | 2008 | April | 52 |
| Layout | Build a lift-out hill | 2008 | April | 56 |
| Layout | Good layout | 2008 | April | 74 |
| Layout | From coalfields to tidewater | 2008 | May | 58 |
| Layout | Clinchfield in N scale | 2008 | June | 76 |
| Layout | Trackwork and wiring | 2008 | Oct | 48 |
| Layout | Ballast, grass, and a coal tressle | 2008 | Nov | 56 |
| Layout | Modeling winter | 2008 | Dec | 50 |
| Layout | Ultimate mountain layout | 2008 | Dec | 62 |
| Layout | Modeling different types of track | 2008 | Oct | 38 |
| Layout | 4 weeks to a bigger layout | 2008 | Oct | 48 |
| Rocks | How to cast plaster rocks in place | 2008 | Aug | 34 |
| Scenery | Modeling mountain meadows | 2008 | Aug | 50 |
| Scenery | Model the edge of a forest | 2008 | Oct | 34 |
| Scenery trees | Trees by the bucket | 2008 | Feb | 56 |
| Scenery-backdrops | Painting distant mountains | 2008 | Jan | 72 |
| Scenery-backdrops | How to paint effective backdrops | 2008 | June | 36 |
| Scenery-MISC | Build the WSOR on a shelf--ballast, scenery, details | 2008 | Mar | 52 |
| Scenery-MISC | Make an old baggage car into a shed | 2008 | Sept | 34 |
| Scenery-MISC | Scratchbuild a rural overpass | 2008 | Sept | 66 |
| Scenery-MISC | Model a modern grade crossing | 2008 | Nov | 36 |
| Scenery-roads | Detailing the right-of-way | 2008 | Jan | 56 |
| Scenery-trees | coconut palm trees | 2008 | June | 70 |
| Scenery-trees | Making a forest on a bluff | 2008 | Oct | 34 |
| Scenery-water | Model realistic rapids | 2008 | July | 34 |
| Structures | interior lighting using DCC | 2008 | May | 48 |
| Track | Add signal detection to rolling stock | 2008 | June | 56 |
| Track | Make your main lines, siding, and spurs realistic | 2008 | Oct | 38 |

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| Track | Superelevating curves | 2008 | Oct | 44 |
| Turnouts | Dual control for tortoise switch motors | 2008 | Jan | 82 |
| Turnouts | Manual turnout control | 2008 | Sept | 68 |
| Weathering | Freight cars | 2008 | May | 66 |
| Weathering | Trucks | 2008 | Nov | 66 |
| DCC | Wiring your layout Part I Track Bus | 2009 | Sept | 70 |
| DCC | Consisting locomotive headlights | 2009 | Aug | 72 |
| DCC | How to simulate momentum effects | 2009 | March | 78 |
| DCC | Installing decoders in older diesels | 2009 | Feb | 80 |
| DCC | DCC and turnouts | 2009 | Dec | 76 |
| Editorial | Class J from MTH | 2009 | Sept | 72 |
| Freight cars | Roll your own steel coils | 2009 | May | 50 |
| Index | Index from Jan 2008 to Dec 2008 | 2009 | Feb | i |
| Layout | Easy yard ladder control - switch motors | 2009 | May | 55 |
| Layout | Chain link fence | 2009 | April | 74 |
| Layout | Winter Wonderland | 2009 | Feb | 52 |
| Layout | Plastic pockets improve waybill operations | 2009 | Feb | 62 |
| Layout | One last visit to the Virginian & Ohio - Allen McClelland | 2009 | Jan | 58 |
| Layout | Virginian & Ohio retrospective - Allen McClelland | 2009 | Jan | 61 |
| Layout | A town is born | 2009 | Jan | 66 |
| Layout | John Allen's Gorre & Daphetid | 2009 | Jan | 86 |
| Layout | Plastic pockets improve waybill operations | 2009 | Feb | 62 |
| Layout | Ballast, streets, riverbanks, and scenery--Beer Line RR | 2009 | March | 52 |
| Layout | Big time coal hauling in HO Scale--Clinchfield RR | 2009 | Aug | 61 |
| layout | Keeping track of hidden staging | 2009 | Oct | 60 |
| layout | Building a backdrop | 2009 | Dec | 34 |
| layout | You, too, can paint a backdrop | 2009 | Dec | 38 |
| layout | Wunderland goes to Switzerland | 2009 | Dec | 42 |
| Layout | Easy yard ladder control (multiple switch machines | 2009 | May | 55 |
| Layout | 6 tips for installing the right decoder | 2009 | May | 76 |
| Layout | One last visit to the V & O | 2009 | Jan | 58 |
| Layout | Virginian & Ohio retrospective | 2009 | Jan | 61 |
| Layout | Eureka! A town is born | 2009 | Jan | 66 |
| Layout | Landmark Layouts | 2009 | Jan | 86 |
| Locomotives | Easy driver cleaning method | 2009 | May | 29 |
| Locomotives | 6 tips for choosing the right decoder | 2009 | May | 72 |
| Locomotives | Adding sound to old Athearn engines | 2009 | Nov | 74 |
| Misc | Make a acoffee table for your layout | 2009 | Feb | 66 |
| Product Review | MTK J 611 | 2009 | Sept | 72 |
| Rolling Stock | Weathering | 2009 | Jan | 92 |
| scenery | Tunnel linings | 2009 | Oct | 52 |
| Scenery | Roads that go on forever | 2009 | Sept | 46 |
| Scenery | Roll your own steel coils | 2009 | May | 50 |
| Scenery | Improving Walthers chain link fence | 2009 | April | 74 |

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| Scenery | Modeling roads with decals | 2009 | Jan | 96 |
| Scenery/trees | Disguise a tunnel with trees | 2009 | July | 30 |
| Scenery-dirt | Pounding out lava-rock dirt | 2009 | Nov | 66 |
| Scenery-fields | Two layout-sized farm fields | 2009 | Oct | 32 |
| Scenery-MISC | Lineside details by the book | 2009 | Aug | 58 |
| Scenery-mountains | Narrow backdrop hills | 2009 | March | 48 |
| Scenery-roads | Modeling roads with decals | 2009 | Jan | 96 |
| Scenery-rock | Add a realistic gravel pit | 2009 | March | 40 |
| Scenery-rock | Add a rocky cut to your layout | 2009 | Aug | 30 |
| Scenery-trees | Make a distant tree line | 2009 | Aug | 49 |
| Scenery-trees | Making trees from garden plants | 2009 | Nov | 32 |
| Scenery-trees | Easy autumn trees | 2009 | Nov | 38 |
| scenery-weeds | Make realistic weeds | 2009 | Nov | 47 |
| Structure | Building Freytags foundry | 2009 | April | 52 |
| Structure | Fairbanks, Morse & Co coal tower | 2009 | Jan | 52 |
| Structures | 400 ton coaling tower | 2009 | Jan | 52 |
| Structures | Building Freytag's foundry | 2009 | April | 52 |
| Structures | Adding lights to a scene | 2009 | June | 32 |
| Structures | Basics of lighting scenes on your railroad | 2009 | June | 36 |
| Track | Build the Beer Line part 2 | 2009 | Feb | 46 |
| Track | Make a ball signal | 2009 | Aug | 42 |
| Water | How to model a harbor and pier | 2009 | Feb | 34 |
| Weathering | 1-hour weathering | 2009 | Jan | 92 |
| Weathering | Weather a cement hopper | 2009 | March | 70 |
| Wiring | Easy layout control panels | 2009 | July | 62 |
| wiring | Simple train detection | 2009 | Oct | 64 |
| Wiring | Wiring your layout, part 2; cab buses | 2009 | Oct | 74 |
| Wiring | Color-coding bus wires | 2009 | Nov | 28 |
| Wiring | Troubleshoot a DCC layout | 2009 | Dec | 48 |
| Wiring | Wiring your layout, part 1: track bus | 2009 | Sept | 70 |
| Clinic | Keep your older locomotives running | 2010 | Sept | 24 |
| Clinic | How to solder wire and track | 2010 | Aug | 26 |
| DCC | Tips to convert a layout to DCC | 2010 | Jan | 78 |
| DCC | Wiring reversing sections for DCC | 2010 | April | 72 |
| DCC | Understanding CV's | 2010 | May | 70 |
| DCC | DCC control panels for train routing | 2010 | June | 72 |
| DCC | Understanding power districts | 2010 | Aug | 66 |
| DCC | What is digital command control | 2010 | Nov | 68 |
| layout | Install lightweight liftout panels | 2010 | March | 58 |
| layout | Where the EBT meets the Pennsy | 2010 | April | 52 |
| layout | Logging in the New River Gorge | 2010 | May | 58 |
| layout | 13 tips for freight yard operation and design | 2010 | June | 32 |
| layout | Car forwarding with tags | 2010 | July | 54 |
| layout | Big time railroading at Horseshoe Curve | 2010 | Aug | 48 |

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| Scenery | Realistic desert diorama | 2010 | Sept | 32 |
| Scenery | Build a canyon scene - Part 1 | 2010 | Oct | 32 |
| Scenery | Water and trees | 2010 | Nov | 30 |
| Scenery | Model a pasture, complete with cows | 2010 | Sept | 28 |
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