Rochester Model Rails

Dedicated to Quality Model Railroading

Shay # 5 moves through the forest on the Oregon View model railroad of Matt Kovacic of Fairport, NY. Matt super-detailed his *Bachmann* three truck shay using detail parts from *Bachmann* and other manufacturers. The superb weathering job was done using Kit #FF- R12 weathering powders from *Bragdon Enterprises* of Georgetown, CA.

In this issue ……………….

Modeling the

Bath and Hammondsport Railroad

Part III - The Trestle

By Dick Senges

As shown on page 3 of the May issue of *Rochester Model Rails,* in the late 1800's there was a long one-story trestle that ran from the Wharf Shed north to the Lyon Brothers Grape Warehouse. This trestle was an interesting feature of the Hammondsport Keuka Lake area and the initial reason to model this scene.

Having scratch-built a trestle before, I decided to draw on experience and use the same *Black Bear Construction Company* (website: www.blackbearcc.com/) Jig # TJ-1032 (now # TJ-5LHON). This plastic jig aids construction substantially and results in a nice 5-leg trestle with 14' caps, 12" posts, and a 16' foot sills (see *Bill of Materials*).

About one half of the bents had to be the same size since the trestle was level near the Grape Warehouse. The other bents varied in order to make the transition from the Warehouse bents to the level ground near the Wharf Shed. Having only three feet (261' in HO) to work with, the grade was rather steep but acceptable. My B & H 4-4-0 engine does pull one reefer up the grade.

Scale lumber (12" x 12", 3" x 10", and 8" x 14") was sanded and stained with a mixture of black leather dye and denatured alcohol. The 12" x 12" pieces were cut and placed into the jig. Each bent was glued together using yellow glue being careful not to get glue on the face of pieces. Then 3" x 10" cross braces were glued to ten of the tallest bents. The shorter bents did not require the cross braces.

Stringers were made using 8" x 14" scale lumber and 2" x 12" were used for the separators between the stingers. The Nut-Bolt-Washer detail (288) was simulated by poking a hole in the wood, dipping a needle in the dye solution and poking the hole a second time. See photo on page 3.

**Lyon Brothers Grape Warehouse
20 Bent One-Story Trestle**

Bill of Materials

Name	#	Size in HO
Bents	20	various
Caps	20	12" x 12" x 14'
Sills	20	12" x 12" x 16'
Batter Posts (5 degree)	40	12" x 12"
Batter Posts (10 degree)	40	12" x 12"
Plumb Posts	20	12" x 12"
Braces (10 bents only)	20	3" x 10"
Stringers	24	8" x 14"
Separators	100 +	2" x 12"x14"
N B W Detail (simulated)	300	3.5"

Bath & Hammondsport Railroad

Hammondsport, NY, Circa 1900

Model of the

Twenty Bent, One-Story Long Trestle

B & H RR Trestle looking from east to west showing 12 of the 20 bents. The Ice House sits just west of the trestle and to the left, the Freight House and the Passenger Depot. A small Shed is located between the Ice House and the Freight Depot. A reefer sits on the track waiting to be iced and Glenn Brook is at the right under the longest bent. The track is code 70 *Micro Engineering* weathered rail flex track. The ties were painted with three colors of acrylic paints.

Toward the top of the photo, an Oil Creek Logging and Mining Shay #1 pushes a work train down the grade. The Smith Sawmill is at the very top of the photo. The upper left corner of the photo shows a scratch built wood retaining wall, a wood portal and a wood tunnel liner. Keuka Lake will be installed in the foreground left at a later date as well as other scenic details. *Photo by Matt Kovacic.*

Product Review

Howard Farm Barn

by Leo Adamski

Part 2: Hoist House and Roofs

Hoist house with roof, main roof showing supports, and *Paper Creek* roofing. *Photo by Brian Waldron.*

Hoist house. The hoist house is a single solid *Hydrocal* casting, similar to the sides and ends of the main barn. It needed to be cleaned up and prepared as described in the *RMR* June issue. In addition, the base was squared up with the sides, and the roof surfaces were sanded flat. Walls and trim were painted to match the main building. There appears to be open windows in each end, despite the fact that the casting is solid. I painted these openings dark grey, negating the need for interior details.

Hoist house roof. I chose to work on this roof first, leaving the main roof for later. If I didn't like the way it turned out, I could start over without having lost too much time. The roof was a simple gable, with two faces meeting at a peak. Material (similar to cardboard) is provided for a sub-roof. The modeler is to provide their own finished roofing, as none is provided. I found a product at *Dispatch Junction* by *Paper Creek Model Works* (www.papercreek.com). It was N scale tarpaper roofing (kit #202). However, I liked its looks as barn "shingles" in HO scale. It wasn't very expensive for two 8 x 10" sheets and it was printed on paper in strips about 7" long which had to be cut out. My wife offered to help me and we cut out enough material for the barn in one evening while watching

television. She cut out two strips to my one and scissors were well suited for this work.

Dimensions for the sub-roof were included with the instructions. After cutting the material to size, I located the center line for the peak, scribed a crease, and folded the roof to form the two sides. After adding guide lines about a quarter inch apart to help me keep the roofing material straight, the sub-roof was glued to the hoist house. I painted the edges and the exposed underside of the roof to closely match the shingles, a dark brown color. I cut the strips about a quarter inch longer than the roof it had to cover, allowing about one eighth inch overlap on each end. Slightly thinned white glue was applied to the top half of the back of each strip before they were applied. The bottom strip extended slightly over the bottom edge of the sub-roof on each side. Subsequent rows were applied overlapping the row below. When I reached the peak the excess on each side was trimmed off so that both sides met at the peak. I also trimmed both ends to within one-sixteenth inch of the sub-roof. For this I used a pair of scissors purchased at the dollar store. Lastly, I touched up the edges and any other places where white showed.

Main barn roof. When I start a project, I try to plan out the steps I would take to complete it. I could see three main problems with the roof. First, the material provided for the sub-roof was supplied in two pieces, resulting in a seam across the center of the roof. I didn't like the idea of bonding the halves together. Second, I wanted the sub-roof to conform to the barn contour, but if I glued it to the barn walls, I was afraid of something being damaged when applying the roof "shingles". Third, I was concerned about the fit of the hoist house on the roof. I felt the battens on the cupola would create a problem at assembly. I wanted a good fit and a good appearance when complete.

So, first things first! I cut the sub-roof in one piece from a cereal box. The instructions provided dimensions for half a roof, which I doubled. The opening for the hoist house was laid out per the dimensions, but checked against the casting itself. I cut the opening to match the main walls of the hoist house, not across the battens. As you will see later, this worked out well. The length of the opening was left a little shorter that indicated. A crease was scribed along the peak and the roof folded in half. Holding the roof against the barn, creases were scribed where the roof pitch changed. Again, the roof was folded along the creases. The folds were checked against the barn to verify a good match.

To solve my second problem, I made four supports from cardboard, each conforming to the barn outline from the eaves to the peak. Three of the forms provide clearance for the loft floor and opening. They were attached to the roof with *Plumbers Goop*. Two were located inside the end walls and the other two on either side of the hoist house opening. The roof was again placed on the barn to check the fit. Exposed surfaces were painted to match the roofing.

Placing the barn aside I glued the roofing to the sub-roof as on the other roof. Where the roof changed pitch, I allowed a little overhang. The upper sections were completed up to the peak, overlapping the opening for the hoist house. The excess was trimmed flush with a razor blade when dry and the ends trimmed leaving one-sixteenth of an inch overhanging the sub-roof.

To assemble the hoist house, problem three, I decided to remove the battens below the roofline. I made a template (using cardboard) to match the peak roofline, and used it to scribe (using a razor blade) from the corner of the hoist house up to the peak. All of the battens below the roofline were removed. I used a needle file to clean up the surfaces, and to trim the battens flush to the corners. The fit in the roof (size and squareness) was checked throughout. In the end there was a snug fit which didn't require glue, and the cupola sits prominently on top of the barn. I placed it on the layout with a fence (purchased at a *Dollar Store*) behind the barn to provide a place for (*Priser*) horses to romp and exercise. I added ground cover (assorted seasoning spices from Big Lots), the pole barn (reviewed in the *RMR* May issue) and a watering trough and pump (from a *Busch* kit). I plan to add some (*Jordan*) wagons, after painting to complete the Ed Ildue stable (It's not the OK Corral, but "Ed Ildue").

Guts, Gravel and Glory – Hydrocal plaster structures
1000 W Roses Road
San Gabrial, CA 91775
(626) 281-7007

The Howard Farm Barn Kit # BLD-121
Available through *Walthers* – Part #308-121
Price $13.49

www.gutsgravelandglory.com

Tuesday Night Gang

Say Good Bye to Phil Keogh

The Tuesday night gang says good Bye to Phil Keogh who has moved from Pittsford, NY, to New Jersey. *Good Luck Phil and Stay on Track !*

Tuesday Night Gang – Top Row: John Klahn, Bruce Duff; Standing: Larry Lammes, Gary Patterson, Dick Senges, Dave Thompson, Leo Adamski, Don Wawrzyniak; Bottom Row: Matt Kovacic, Joe Guarnere, Phil Keogh, Lou Nost

Ask Doctor Dick (The Scenery Doctor)

OCRR@frontiernet.net

Don writes: I want to model a river.   What shall I do?

Doc: For my rivers and ponds, I have had luck using *Envirotex*.

Materials:
Base – plywood, *Homasote*, underlayment, etc.
Paint – dark brown latex
Slurry – white glue, water, and sifted dirt
Rocks – – shale from Keuka Lake, NY area
Water – *Envirotex*
Craft Cloth - *Wet N* Shape (or plaster cloth)
Plaster – *Hydrocal*
Wash – mars black acrylic paint and water

> *Doctor Dick's Presentations*
>
> *November 18, 2004*
>
> History of *The Oil Creek Rail Road Company*
> 1860 – 1868

Process:
Prepare river base. Make sure the river goes down hill. Short sections of the river and a pond can be level.

Cover the base with *Wet N Shape* or plaster cloth and blend into the shoreline.

Cover the *Wet N Shape* or plaster cloth with *Hydrocal*. Let dry.

Paint the *Hydrocal* with brown latex paint.

Cover the paint with a slurry of white glue, water, and sifted dirt.

Color the center of the river or pond with a wash of mars black acrylic paint. Blend to the shore using brown acrylic paint making the shore area lighter and the center darker.

Cover the streambed with shale leaving some areas raised and some areas not completely covered.   Glue down with white glue and water.

Let completely dry.   Like two days!

Mix two-part *Envirotex* and pour into the river. Leave some rocks exposed. Light a propane torch and wave it very lightly over the *Envirotex* to raise the bubbles to the surface. Be careful not to burn the scenery and set yourself on fire!

Cover the river without touching it with newspapers for two days to prevent dust from settling on the river. Do not touch to see if hard!

When *Envirotex* is dry, add some more scenery material around the edges of the river or pond since *Envirotex* does creep up the bank a little as it dries.

> Ed. – The advantage of using *Envirotex* epoxy over a casting resin is that there is no smell.
> However it does creep up banks and piles and waves are harder to make using *Envirotex*.
> Contrary to some recently published information, *Envirotex* does not cloud over time.

The 'Model Railroad Post Office' - #5

By Norm Wright

This month's item, from the small South American Republic of Guyana, is the first of eight sheetlets of nine stamps each issued there. This sheet, depicting model trains made in Germany by the Marklin Co., is postmarked on cover on 25 November 1992. The Scott catalog number of this sheet is 2620, with the individual stamps being numbered 2620a - 2620i (left to right and top to bottom rows). The information about these stamps from my book, *World Railways Philatelic,* follows:

11/19/92 Model Trains with Emblem of GENOVA '92 International Stamp Show

Notes: Borders of sheets have Santa Claus holding toy steam locomotive, toy boy on bicycle, toy steam locomotive & two four-wheel passenger cars, part of Christmas tree, train tracks vertical on each side lettered "Toy Trains;" sheets are numbered in lower left corner after "Series 1992" in Roman numerals; models are electric powered unless otherwise designated.

2620 Sheet of nine $45 stamps, #a-i. (I); models by Marklin Co., Germany
2620a 2-4-4-2 "Crocodile" electric, No. 1 gauge, Switzerland, 1933
2620b Four-wheel French streetcar, No. 1 gauge clockwork, 1902
2620c 2-4-4T British "Flatiron," O-gauge clockwork, 1913
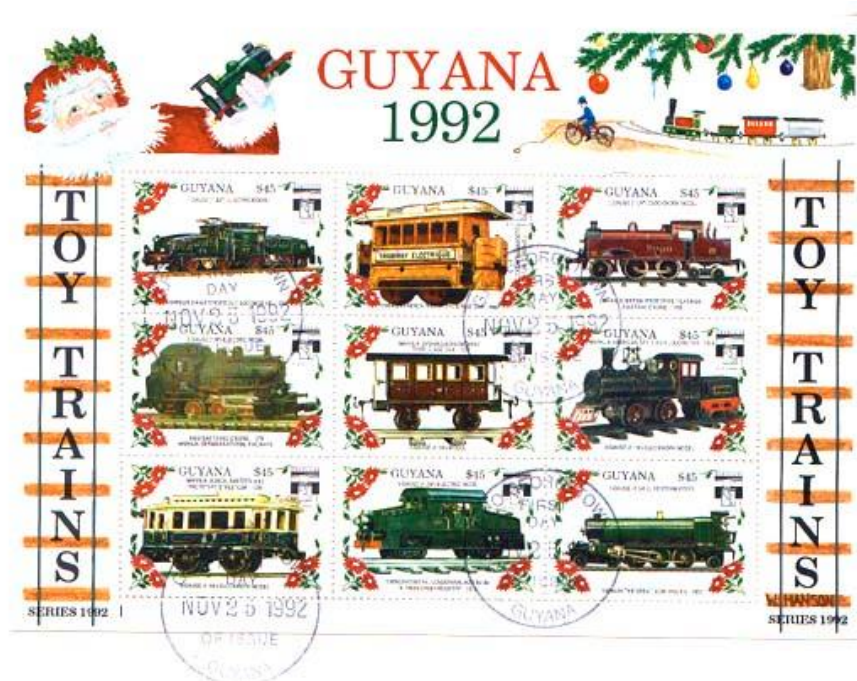2620d 0-6-0 German National Railway (DR) switcher, Z-gauge, 1970
2620e Four-wheel smoking/non-smoking third-class passenger car, No. 1 gauge, 1909
2620f 0-4-0 USA, O-gauge clockwork, 1904
2620g Four-wheel Zurich, Switzerland streetcar, O-gauge, 1928
2620h Bo-Bo British Central London Railway in Paris-Orleans livery, No. 1 gauge, 1904
2620i 4-6-2 British "The Great Bear," No. 1 gauge live steam, 1909

GUIDELINES FOR GOOD PHOTOGRAPHIC COMPOSITION

or

HOW TO MAKE GOOD PHOTOS BETTER

by Leaf Shutter

Guideline No. 9 Near-Fars

Whenever possible arrange your composition so you have a related subject in the foreground as well as the main subject at a distance or vice versa. A picture of a train at a road crossing is enhanced if the cross buck is included in the photo also. Or another example may be a pastoral scene with a train running in the distance with grazing animals in the foreground.

Don't Forget to Visit the

www.railroadmuseum.com

Recommended Train Events for 2004 – Updated 5-26-04

June 11-13	**Tacoma, WA** – Northwest Logging Modeler's Convention
June 26 – 27	**Rochester, NY** – Finger Lakes Live Steamers Annual Open House
July 3	**Medina, NY** – American Military Weekend, Medina Railroad Museum
July 3 - 4	**Galeton, PA** – PA Lumber Museum Bark Peeler's Convention
July 5 – 15	**Buffalo/Rochester/Geneva, NY area -** TAMR National Convention
July 9	**Brockport, NY** – TAMR model RR clinics, Seymour Library
July 17	**Rochester, NY** - Model Railroaders Run Day - Finger Lakes Live Steamers

August 4-8 **Chantilly, VA** - N Scale Collector's Convention $4^{th} – 7^{th}$
- N Scale East Convention $5^{th} – 8^{th}$
- www.nscalecollrctor.com

August 19-22	**Durango, CO** – Railfest 2004 – Durango & Silverton Narrow Gauge RR
August 21-22	**Rochester, NY** - Diesel Days at the Museums: NY Museum of Transportation and Rochester & Genesee Valley Railroad Museum
September 1-4	**Santa Clara, CA -** 24th National Narrow Gauge Convention
September 11	**Welland, Ontario, Canada** – International Division Meet
September 25 – 26	**Rochester, NY** – Finger Lakes Live Steamers Fall Meet
October 24	**Rochester, NY** – RIT Train Show and Sale
November 6 – 7	**Syracuse, NY** – Train Show at Fairgrounds
November 18	**Rochester, NY** – NRHS Meeting – "*History of the Oil Creek Rail Road*"
November 14	**Batavia, NY** – Train Show/Sale at Batavia Downs

For a detailed listing of events, go on the Internet to:

WWW.CAORM.ORG
Shows
Look for dates and location

WWW.RAILROAD.NET
Events
Look for date and location

WWW.GATS.COM
Great American Train Show
Show Schedule
Month of Year
Look for your city

WWW.TTOS.ORG
Calendar
Month of the year
Look for your area

WWW.GSMTS.COM
Great American Model Train Show
Dates and Events

WWW.TRAINS.COM
Schedule of Events
Events

WWW.MODELRAILNEWS.COM
Events
Look for your area

WWW.FINGERLAKESLIVESTEAMERS.ORG
Events