



**Three Lakes Model Railroad Club
Volume 3, Number 12**

**1st 100% Club in Wisconsin
December 2012**

Building a module that reflects a prototype location *by P.A. Wussow*

Back in the February 2012 newsletter I wrote an article about the use of modules to preserve the history of railroading in our area of the North Woods. In this article I will present a second area in Oneida County WI that is almost gone and has lost any significance to the railroad where it was once a location that provided interchange and jobs for the people who lived in the area.

I have visited this location for almost 50 years at the intersection of the Minneapolis, St. Paul and Sault Ste. Marie Railroad (Soo/WC/CN) track and Oneida County N. This is the location of the town of Woodboro WI the history of which goes back to the establishment of the George E. Wood Lumber Company where in 1892 they built a Lumber mill which burned down in 1904. The 1898 plat book of Maps of Oneida, Vilas and Range 4 of Iron Counties Town #36 Range #7E shows the Soo Line tracks along with a logging spur which goes south west from near the junction and follows the current US 8 which was not built at the time.

Unlike the Robbins Lumber Company, Thunder Lake Narrow Gauge, logging railroad the lines on the west side of Rhinelander were built with the support of the Soo Line in standard gauge. In 1898 the current County K was a spur of the Soo line that connects with the C&NW and the Soo main at the south end of Boom Lake. This line

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connected to a number of small lumber lines in the area north of Woodboro. There was a good-sized camp in the area northeast of Josie Lake. Using standard gauge made the movement of cars across the area possible without transfer from one car to another.

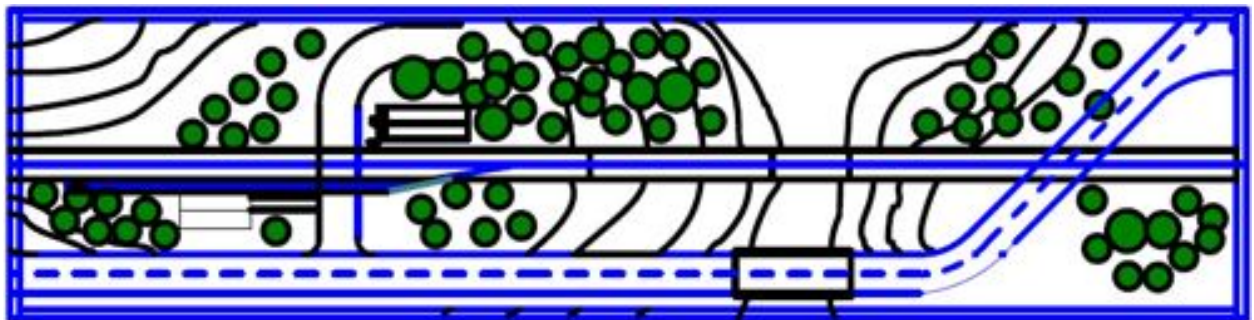
I have decided to model the area around the Soo line and County N at Woodboro WI. Modeling to preserve history while showing locations that still may be viewed by guests means picking out locations like this one where there is still some history no matter how close to destruction.

I will include the general store and the warehouse which had its own siding. The general store has a long history in Woodboro, which is noted in some of the history books in the Rhinelander Library. I have known it as Burny's House of Bottles and have photo documentation of the building with a false front and a gas pump along the road with a Shell sign hanging next to the Old Style Beer sign on the same post.

The spur has been removed but the warehouse is still standing so with my Measuring Up crew I was able to get full sized dimensions to this multi use building. Today US 8 is just south of this location about half way between US 51 and Rhinelander.

To make up the full size 2' X 8' module I will add a bridge to the right (east) of Woodboro. This bridge is a model of the Soo Line Bridge north of Moen Lake. I am including Highway 8 as it runs along the Soo Line to show the rise and fall of the road that demonstrates how the cuts and fills worked to keep the Railroad level.

Basic Module Overview

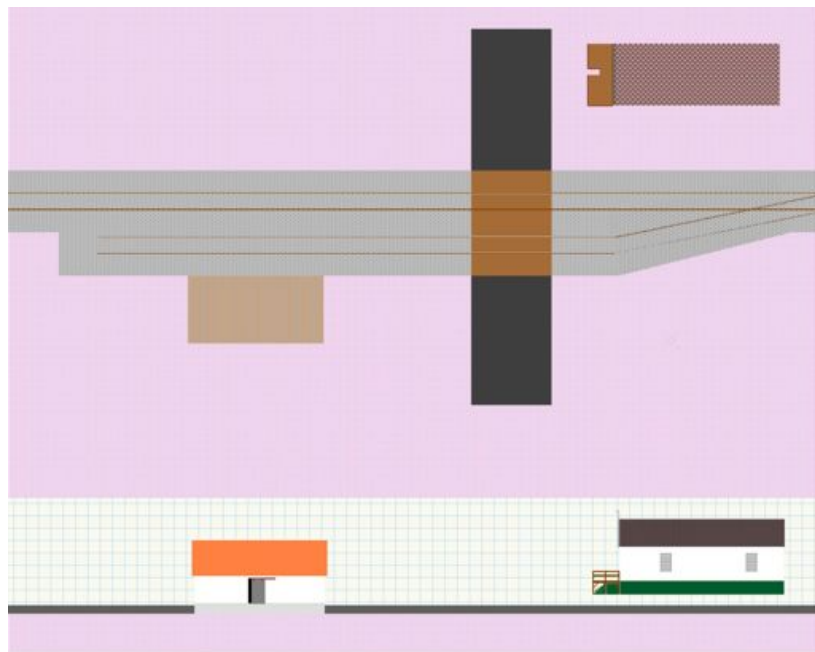
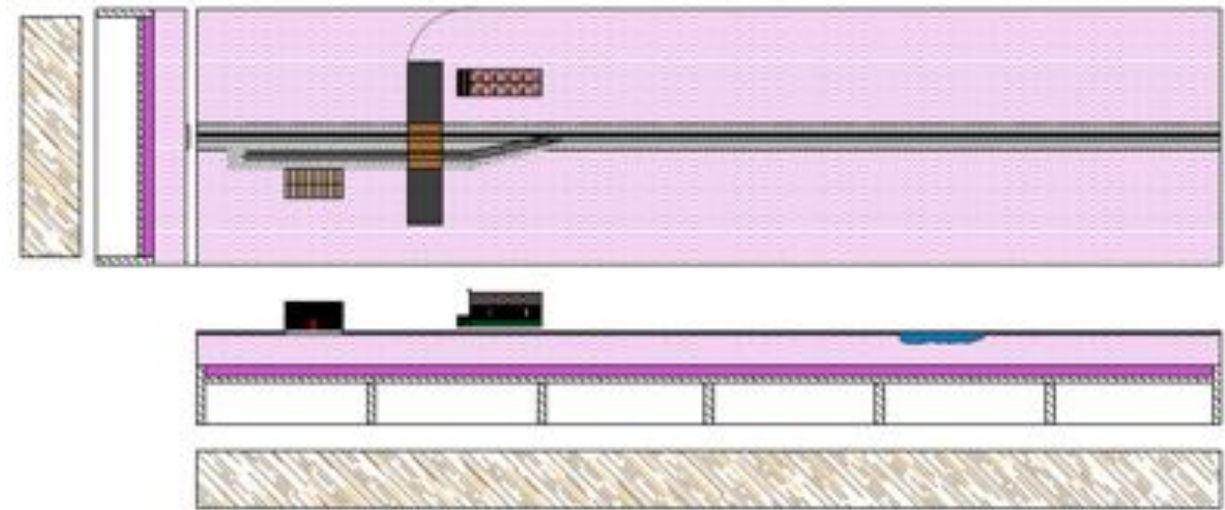


This is an overview of the module that is 2 feet wide and 8 feet long with the main line down the center. The railroad stays level while the land around the tracks undulates up and down. Fills and cuts were used by the railroad to keep the track level, however there are some grades on this line between Rhinelander and Bradley Junction. For the module I have kept the track level.

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For those who check out the Moen Lake Bridge you will note that the lake is on the wrong side of the tracks, however this does represent the location and the road that crosses just north of the railroad.

Construction of the module uses $\frac{3}{4}$ " plywood and pink foam. In the drawing below you can see the basic work around Woodboro and the location of the store and the warehouse. These are pictures of the scale drawings that include the location and elevation of all the items. The buildings are full HO scale drawings of the buildings placed on the module. On the module drawing it is possible to enlarge the drawing to view these structures. They are HO scale reductions of the full-scale drawings I was able to produce from the photos and measurements taken on location.



I have left the sides and ends open with the plywood below or next to the drawings to allow viewing the bracing of the module.

In this close-up section you can see the relationship of the buildings and the track.

Again the buildings are scaled down from full size to HO for design and placement on the module.

The General Store Prototype



Above is a photo from the late 1990s of the location with the store converted into a bar and grill with a patio added to the south side.

The General Store as Modeled

Below is a full set of HO scale drawings of the building with the front porch but no side-deck.



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The north side of the building has no windows at all which is common for structures of this type in the area. The rear section was added on during the conversion from General Store to Bar and later a Resturant.

I did not include the added section to the module. Today the false front is gone and the building sags. There is a large cut in the south side where there was a sliding door to the deck. The entire building is in ill repair and will most likely be knocked down for safety.

Woodboro Warehouse

This is the warehouse at Woodboro it was built to serve as a potato storage building for crops grown north of Highway K. It was serviced by a siding that started on the east side of the County N grade crossing and extended past the warehouse. The last reported use however, reported on the records of the SOO Line was to take delivery of fertilizer for local distribution. As you can see in the photo below the siding has been removed and the building has had useful items removed. The east end still has a bat house and a lamp over the truck dock door. The entire building is made off corrugated metal attached to a wooden frame, which I was able to well document with my measurement team, and it sits on a large concrete pad that makes up the floor. There are a few pieces of potato sorting equipment broken up inside the building and the electrical has been salvaged (or scavenged) by someone. The potato farms up north on Washburn Lake Road, the former Woods lumber company RR main, are now part of the University of Wisconsin seed potato research farms which were moved from Starks WI.



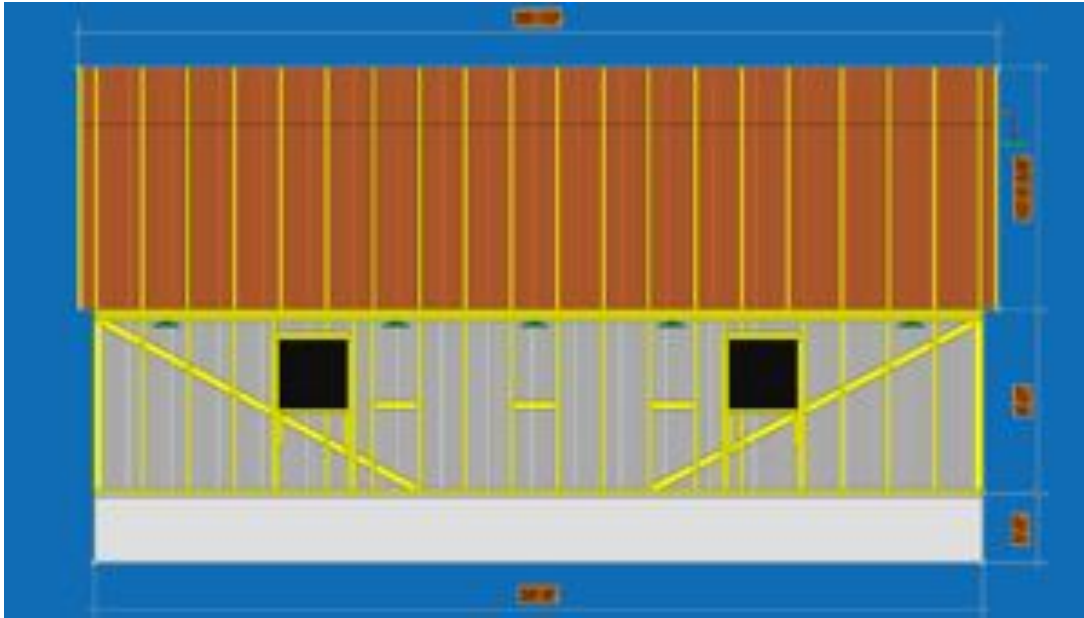
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Measurements were taken of the building using methods described in previous newsletters with a team of three people working to gather the most data possible for modeling. Below you will see the drawings of the building and the interior skeleton that supports the corrugated siding.

The material in the foreground is part of the truck dock door and its supporting structure. I was able to use flash to illuminate the inside of the building to document the woodwork and locations of windows from measurements of the framework. The drawings show the prototype dimensions.



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Scale drawings are available if you wish to build either of these buildings. Please let me know your scale and I will size the drawings for your scale. Also let me know if you want prototype or scale dimensions.

I truly hope you enjoy these model structure projects. They are excellent therapy when you're a bit immobilized and need your daily dose of model railroading.

Railroad Happenings: or Semi-local events...

Dec 30, 2012 **Badgerland S Gaugers Swap Meet**, Knights of Columbus Hall, 3200 S 103 Street, Greenfield, WI Sunday 8AM to Noon, \$3 Admission

January 19-20, 2013 Artic Run Train Show at Holiday Inn 1001 Amber Ave. Stevens Point, WI Contact Phil at 715-341-8228

January 26, 2013 Tri State Rail Sale LaCrosse Center 2nd & Pearl Street, LaCrosse, WI <http://www.nmra-scwd.org/Badgerland> with info at www.400foundation.com

February 16-17, 2013 Mad City Model RR Show at Alliant Energy Center, Madison, WI Info at : www.nmra-scwd.org

March 9-10, 2013 High Wheeler Train Show Harper College, Palatine, IL Info is at: www.highwheelertrainshow.com

March 10, 2013 Metro Model RR Club Show and Swap Meet at Circle B Recreation, 6261 Highway 60, Cedarburg, WI Info at www.metrorrclub.org

April 27-28, 2013 Titledown Train Show at Shopko Hall, Green Bay, WI Info at: www.ttsgbllc.com

May 2 – 5, 2013 NMRA, Midwest Region Convention, Host is Central Indiana Division see <http://cid.railfan.net/MP50.html> Convention Hotel is Marriott, Indianapolis East with both Fairfield and La Quinta Hotel adjacent, in Indianapolis, IN.

May 11, 2013 NMRA Winnebagoland Division Spring Meet at Neenah, WI, Info at: www.wld-nmra.com

June 6-9, 2013 CNW Historical Society Convention, at Waterloo, IA
Info at www.cnwhs.org

June 15-16 Annual Strawberryfest Model Railroad Show, Waupaca, WI at the Waupaca Recreational Center.

On a Spur and loading...

July 14 – 20, 2013 NMRA Convention, Atlanta, Georgia
Will be covered at: <http://www.nmra.org/>

July 13-20, 2014 NMRA Convention, Cleveland, Ohio
Will be covered at: <http://www.nmra.org/>

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Meets On the Main Line ...

Central Wisconsin Model Railroaders, Ltd, business 1st Wed, social 3rd Wednesday, 7PM basement, Bancroft Depot, Portage County Historical Society, Heritage Park, Washington Ave, ex GB&W tracks, Plover, Wisconsin. <http://www.trainweb.org/cwmr/>

Clipper City Model Railroad Club, Membership meeting 1st Thursday 7:30 PM, Iron Horse Barn, Manitowoc County Expo Fair Grounds, Manitowoc, Wisconsin (HO, N, O).

Questions? jimchadek@charter.net

or see <http://www.clippercitymodelrailroadclub.org/>

Paper Valley Model Railroad Club (501 c 3) meets Thursday 7 – 9 PM and Sat 1 – 4 PM at W2221 Block Road, Kaukauna, WI 54130.

See <http://www.papervalleymodelrailroad.com/>

Plymouth Model Railroad Society work on 26' x 46' HO scale layout Monday 6:30 -9 PM and run trains on Wednesday 6:30 – 9 PM at 414 E Mill Street, Dept B, Plymouth, WI 53073 call 920-893-9552 . Yes membership is open.

Wisconsin Valley Railroad Club, meets Thursday 7:45PM at 403 McIndoe St (Yawkey House basement), Marathon County Historical Society, Wausau, WI (enter through rear door). Rod Beckman, Pres 715-842-7232

See <http://www.wld-nmra.com/Wausau-WiscValley.htm>

Waupaca Area Model Railroaders have an award winning Modular Layout, Host Strawberry Fest Train Show and Model Contest, read 'The Crummy' on their website: www.wamrltrd.com or contact them at wamrcrummy@yahoo.com or visit them at www.wamrltd.com or find them on facebook.

Sheboygan Society of Scale Model Railroad Engineers, Ltd. Meets / open Tuesday and Thursday evenings, at Sheboygan Railroad Museum, 1001 N 10th Street, Sheboygan, WI. See: www.sssmre.org

Northwoods Model Railroad Club, business 3rd Tuesday 7 PM Minocqua Museum, Work sessions every Wednesday 7 – 9 PM / Eric Drochner, PO Box 799, Woodruff, WI 54568-0799.

See: http://www.wld-nmra.com/northwoods_model_rr_club.htm

Rhinelander Railroad Club, business 1st Wednesday, 7 PM at the Logging Museum Depot, operating / maintenance Wednesday 7 PM same location or 123 Brown Street, Rhinelander, WI with modular layout. See www.rrahome.org

Three Lakes Model Railroad Club, dates open, meet at members homes and / or with the Rhinelander Railroad Association. See www.tlmrc.org

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Questions, comments or problems: call Superintendent: Paul A Wussow 312-543-4989
Praise, congratulatory or simple fun: call Editor: Roger G Blocks 262-989-4338

Tiffany Stone Bridge

words by RG Blocks, photos by H. Radtke

There are a number of stone bridges in Wisconsin. For example, Shioct River Stone Bridge in Outagamie County is located between Shiocton and Shawano. The Palm Tree



Road Bridge crosses Sheboygan River near St Cloud in Fond du Lac County. But the one of interest today is our famed railroad bridge called the Tiffany Stone Arch Bridge. It spans Turtle Creek at the Town of Turtle, near Tiffany, in Rock County, WI.

This is the oldest stone arch bridge in the state and listed on the National Register of

Historic Places as structure #82005121. Photos of the bridge were taken by Harvey while he and fellow rail enthusiast Richard Horton, both of the Western Union Junction RR Club of Sturtevant, WI were out enjoying themselves. The bridge may be found east of Tiffany, where the Union Pacific crosses County J, from the S Smith Road Truss Bridge to E Creek Road.



Tiffany Bridge was designed by Van Mienen, then Chief Engineer of the Chicago & NorthWestern Railway Company. Some say his inspiration was a French bridge design employed in Campiegne, France. The Tiffany Bridge was built during 1869.

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Substructure stone for the bridge is from the Wapun area and the superstructure stone from Duck Creek in Brown County, near Green Bay.



The nearby steel truss carries S Smith Road auto traffic and provides a good location for another view of Tiffany Stone Bridge.



The safety chain guard railing was replaced in 1935 with a pipe railing. During the 1930's a steel mesh covered with concrete was cast inside the arches to improve load carrying ability. The typical road engine today weighs about five times that when the bridge was built. The bridge is 387 feet long by 16 feet wide and supports a single track.

This is railroad beauty that is rock solid in Rock County. On Wisconsin.

Dreaming is Part of It

by R.G. Blocks

Inspiration and perspiration sometimes go hand in glove. My pal Roy Stuart now age eighty-eight is my walking buddy in the Racine Mall. We try to do the better part of three miles and while not frequently accomplishing our goal find time to share stories.

Roy, you might remember (June 2012 TLMRC Turn) was a former Red Cap at Sturtevant Junction back in 1937. He tells stories of Waco 10, OX-5 driven airplanes taking off from the old Sturtevant Airport called ‘Air City’ to dive on the Milwaukee Road’s Hiawatha as it headed to Chicago at about dinner time. The Hiawatha always outran the Waco 10 that maxed out at 75 mph or so.



Roy is an old railroad man but today he’s building a Sonex Light Sport Experimental Aircraft that will out run the Hiawatha (of any age) without a doubt. I didn’t say without any sweat. Roy has been building the airplane himself and his sweat equity is now some 3000 hours into the project.

We happened past the Racine Mall ‘Santa Claus’ and noted that he was reading Model

Railroader Magazine. So, we stopped to chat. Santa, it seems was a former English teacher and loves model railroading, airplanes and promised us no coal in our stockings.

Both Santa and Roy inspire me. I dream trains and planes. Later that day, flying along past Union, Illinois, I glanced down to find the wonder-filled Illinois Railroad Museum, the country’s largest.

Trains and planes: could it be better?
Merry Christmas and Happy New Year.
No sweat in this weather.

