

# SL-and-N construction blog

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02-04-2024, 12:51 PM #1126

Looking good! Keep plugging!

Pete  
in Michigan

Orionvp17  
Senior Member

Join Date: Feb 2007  
Posts: 8839

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02-04-2024, 01:54 PM #1127

Casting is working/looking fine. Did you find anything new at springfield of interest to us early railers?

Bob

railman28  
Senior Member

Join Date: Feb 2010  
Posts: 6713

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02-04-2024, 06:12 PM #1128

16 castings done. If I do one over every 2nd story window, I'll need 22. But I'll lay out what I have (which leaves each end window without a dormer) and see if I like that. The mold is holding up quite well, and I've finally worked out how much (or more accurately how little) I need to pull into a pipette so I don't waste a lot of resin. Martin Brechtel said "You need to develop a bunch of small molds to use up all that resin" and now that I'm comfortable with the mold process, I'll probably start with slate freight car loads.

Bob, I can't say I saw any particular 19th century items. I did talk to Bob Lunde at Lunde Studios, and suggested/recommended he do some structures that would be more suitable for late 19th century. We had a nice discussion on architectural differences between 1890s and 1900s, so he knew the kinds of things I was looking for, and said "He'd take it under advisement." I've also recommended more Mansard roof structures to laser cut manufacturers. Nick & Nora have a couple, but not the 'block building' that I think is needed. (Imagine something like my Brickworks, but with commercial ground floor windows and doors facing the street.)

dave

Modeling 1890s (because the voices in my head told me to)

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02-04-2024, 08:00 PM #1129

Great job on the castings.

PRR Modeler  
Senior Member

Join Date: May 2022  
Posts: 2114

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Curt Webb  
Freelanced PRR Bellevue Sub

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02-04-2024, 08:21 PM #1130

A couple lessons learned so far. (1) It's important to make sure the master is flat and sealed against the base of the mold box. There was a small piece of flash on the mold I had to trim. (2) Legos work great, but make sure they're fully pressed together. Some of the mold rubber leaked between 2 bricks. (3) my clay did not impact the curing of the rubber, so it should be safe to use for mold boxes, etc. (4) I mixed - way too much - rubber, wasted half of it. Someone reminded me that you can always do a second pour of rubber, it'll bond to itself quite well. (5) Pipettes work great for picking up the resin. That stuff is less viscous than the rubber components. It's kinda like heavy cream, and one part is a bit thicker than the other. I marked the equal-lines part on a pair of pipettes. (6) Flat based popsicle sticks and small - flat-bottomed - medical sample cups work great for mixing. (7) I ordered 8" tongue depressors to mix up the rubber parts, that stuff is A Lot thicker/more viscous. I marked each stick A or B to make sure I didn't contaminate one part with the other.

dave

Modeling 1890s (because the voices in my head told me to)

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02-04-2024, 11:47 PM #1131

Looks fine Dave. Nice job.

TRAINS1941  
Senior Member

Join Date: Mar 2005  
Posts: 17112

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Jerry

"And in the end, it's not the years in your life that count. It's the life in your years." A. Lincoln

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02-05-2024, 10:03 AM #1132

Dave,  
Your first casting looks good.  
From photos of historic structures, the dormers don't have to align with the windows below. You can do whatever looks good.

Mike

Michael\_Hohn  
Senior Member

Join Date: Sep 2012  
Posts: 12238

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I was so much older then, I'm younger than that now *Bob Dylan*

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02-05-2024, 10:45 AM #1133

Dave, thanks for the casting tips. The result of your work is a set of nice-looking dormers. Have fun, mike

friscomike  
Senior Member

Join Date: Sep 2007  
Posts: 3959

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Buffalo Canyon Mining Company structures and Layout are my primary projects. The current build is Nowlin's Gas and Service Station.

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02-05-2024, 04:10 PM #1134

Three dormer alignments, vote for your favorite!


1. max dormers



2. Not aligned



3. My original alignment of 6 or 7



dave

Modeling 1890s (because the voices in my head told me to)

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02-05-2024, 04:39 PM #1135

Number 2 Not aligned.

TRAINS1941  
Senior Member

Join Date: Mar 2005  
Posts: 17112

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Jerry

"And in the end, it's not the years in your life that count. It's the life in your years." A. Lincoln

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02-05-2024, 04:54 PM #1136

I like #2 the best, then #3 and finally #1.

PRR Modeler  
Senior Member

Join Date: May 2022  
Posts: 2114

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Curt Webb  
Freelanced PRR Bellevue Sub

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02-05-2024, 05:10 PM #1137

I'll go with #2 as well.

Rick  
Administrator

Join Date: Apr 2002  
Posts: 29972

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Follow along as my dog and I travel the country in our van.  
FaceBook link: <https://www.facebook.com/A-Dog-A-Van-and-A-View-108345371976229> YouTube: <https://www.youtube.com/@RickS727>

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02-05-2024, 05:28 PM #1138

Another vote for #2

Bob

railman28  
Senior Member

Join Date: Mar 2010  
Posts: 6713

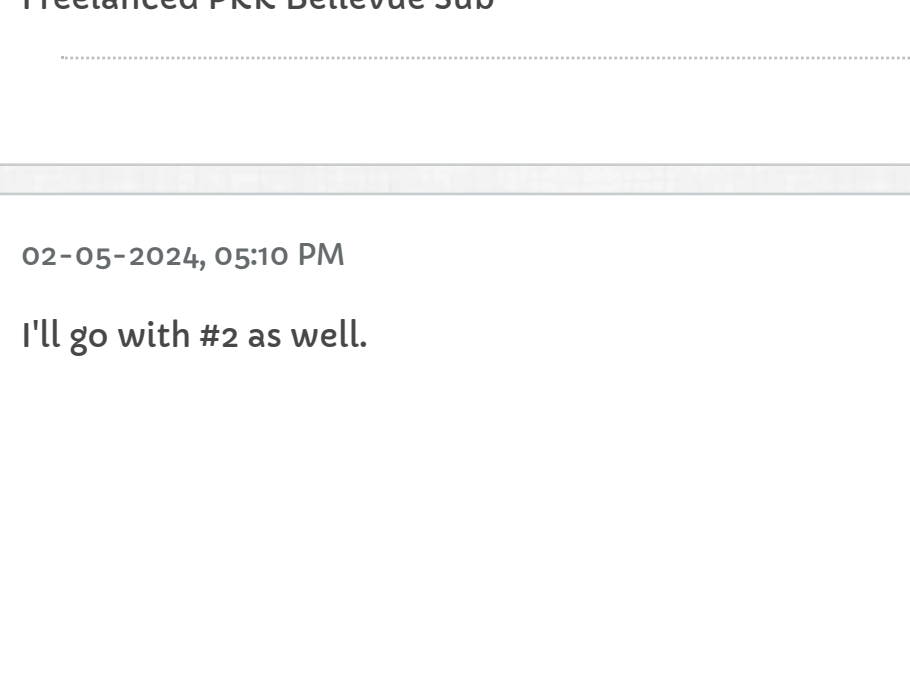
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02-05-2024, 05:48 PM #1139

My brother the architect also voted for #2. Here's the end dormer spacing, with the castings inserted



dave

Last edited by deemery; 02-05-2024, 07:32 PM.

Modeling 1890s (because the voices in my head told me to)

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02-05-2024, 08:48 PM #1140

The dormers look good that way. One thing that came to me while I was inspecting the building: is there a beam or girder spanning the freight/vehicle doors to carry the weight above?

James

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1 comment

deemery commented #1140.1

02-06-2024, 09:32 AM

Well..... I'll say, "Of course". But then I'll admit a couple of things: (1) for something from the 1890s, there should probably be brick arches over the windows and doors, rather than depending on a steel beam. (2) If you look carefully, I should have gone for a pair of pivoting doors on each opening rather than the sliding freight door. There's really not enough space to open one door, and I'd have to do a bypass hanger to have both doors open at the same time (so one door slides behind the other.) Definitely flunked that part of architecture school...

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