

# SL-and-N construction blog

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09-12-2024, 07:55 AM #1441

I like the looks of that. It looks very real.

**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*

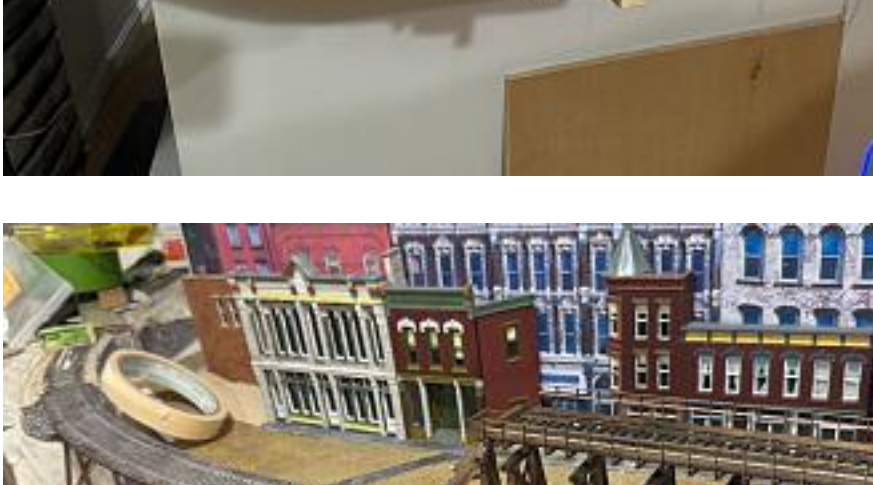

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09-13-2024, 12:18 PM #1442

Each bent is sanded to fit into its location. I put some weights on the bridge to make sure it doesn't move. First I positioned the 'middle' bent, double checked that for level (both length wise and across the track.) Then I took another bent, and lightly sanded the mud sill to where it fits tightly under the bridge. I'm using my Logan Framing Sander, with a square to make sure the top and bottom of the bent is parallel.



All 7 running bents are in position, I still need to figure out what to do at the two abutments.

I'm happy how snugly each bent fits. In a couple cases, I had to touch up the bottom of the mud sill with a sanding stick to drop one end where the foundation wasn't quite level.

Now I need to figure out the abutments and then start on the truss bridge and its bents over the road. One option for the abutments is to do -nothing-, and argue that the bridge sills sit on the rock 'inside' the abutment. But that doesn't give me a good tie-in between the bents and the ends of the bridge.

dave

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

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09-13-2024, 12:30 PM #1443

Looks great so far Dave.

**PRR Modeler**  
Senior Member  
Join Date: May 2022  
Posts: 214

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Curt Webb  
Freelanced PRR Bellevue Sub

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09-13-2024, 02:43 PM #1444

Great Job Dave.

**TRAINS1941**  
Senior Member  
Join Date: Mar 2005  
Posts: 17112

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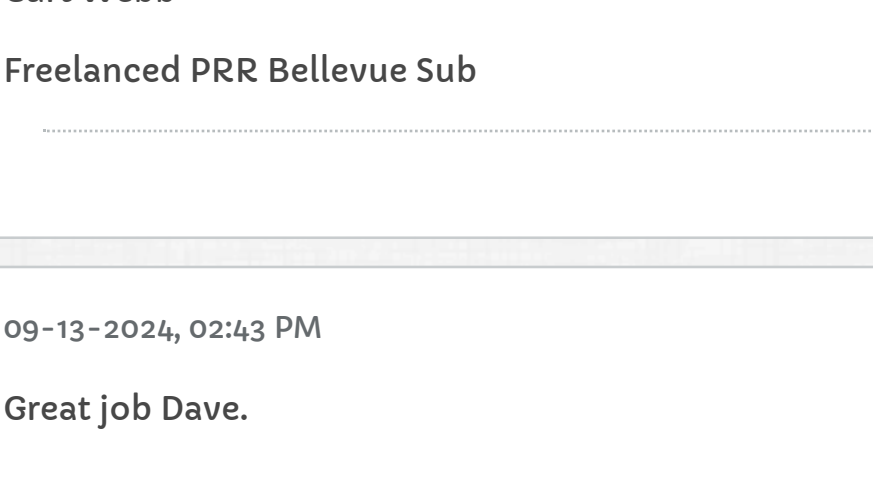
Jerry

"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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09-13-2024, 03:01 PM #1445

This looks OK (against the abutment), and it will look better when that step is mostly buried in scenery.



dave

Last edited by deemery; 09-13-2024, 03:05 PM.

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

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09-13-2024, 04:39 PM #1446

Great, I think it looks better than OK.

Dave!

**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-108345371976219> YouTube: <https://www.youtube.com/@Rick5727>

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09-14-2024, 07:37 AM #1447

Nice work, Dave.

George

**George\_D**  
Moderator  
Join Date: Dec 2003  
Posts: 19018

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Before each flight, make sure that your bladder is empty and your fuel tanks are full.

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09-15-2024, 02:15 PM #1448

What George said.....

**john\_holt**  
Senior Member  
Join Date: Feb 2011  
Posts: 1124

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**GULF COAST & WESTERN**

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09-15-2024, 11:26 PM #1449

Excellent work, Dave. Looks robust enough to carry almost any train of your period.

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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09-16-2024, 06:24 AM #1450

Everything looks very well done Dave.

**PRR Modeler**  
Senior Member  
Join Date: May 2022  
Posts: 214

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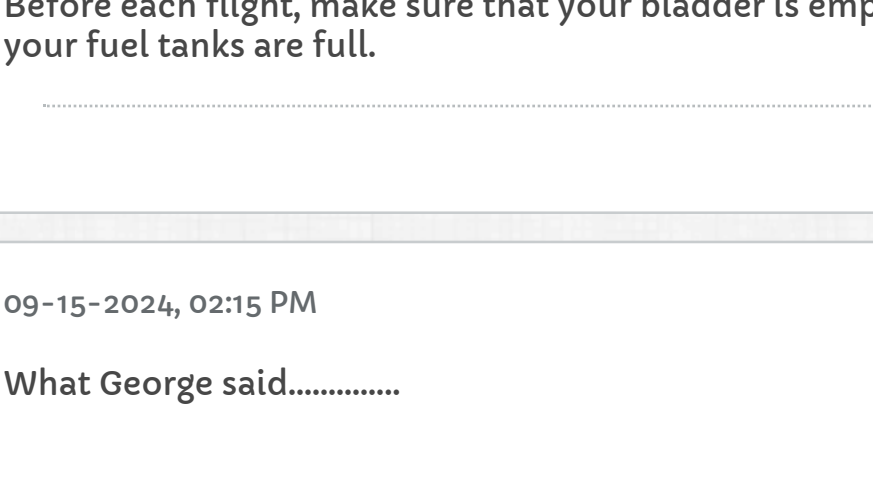
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Curt Webb  
Freelanced PRR Bellevue Sub

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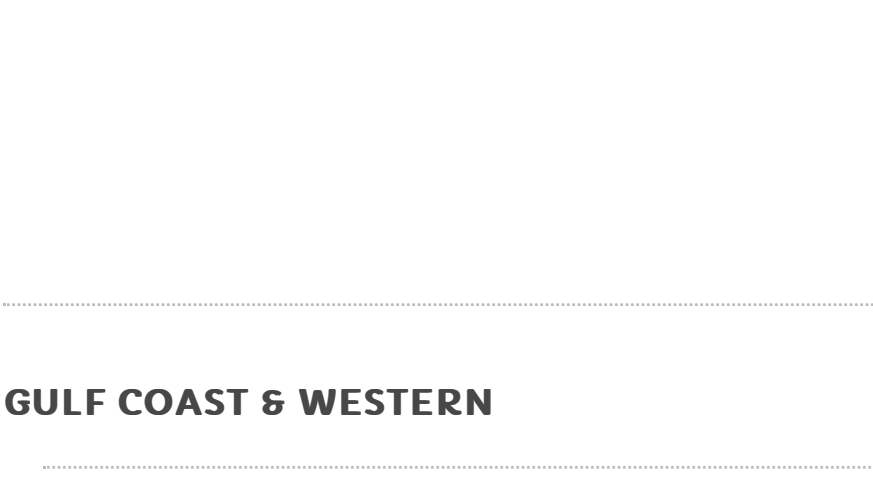
09-16-2024, 01:20 PM #1451

Well, this actually worked as expected:



I was able to pry up the styrene and pretty much preserve the rough scenery all around. Now to apply dirt, etc.

add: I did some foliage along with the dirt.



dave

Last edited by deemery; 09-16-2024, 03:45 PM.

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

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09-16-2024, 04:06 PM #1452

Looks great Dave!

**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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09-16-2024, 04:45 PM #1453

Your scenery looks very realistic, Dave. The stone abutments sure stand out!

Mike

**Michael\_Hohn**  
Senior Member  
Join Date: Sep 2012  
Posts: 12238

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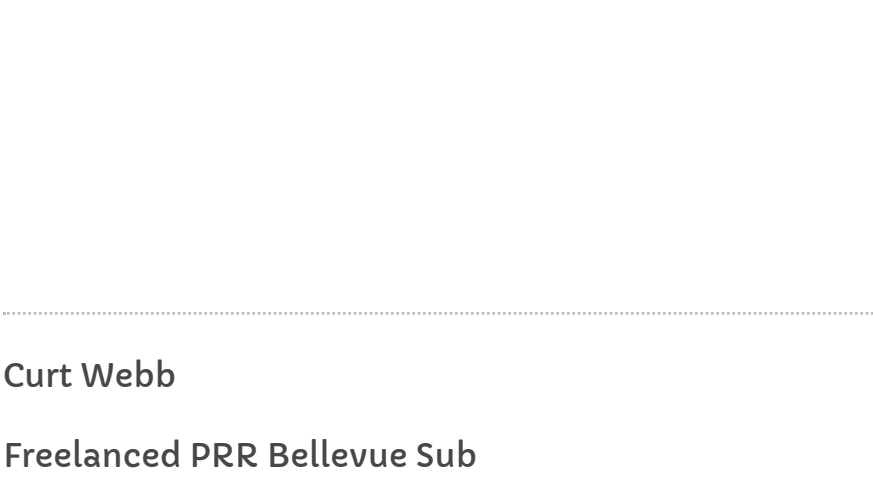
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I was so much older then, I'm younger than that now *Bob Dylan*

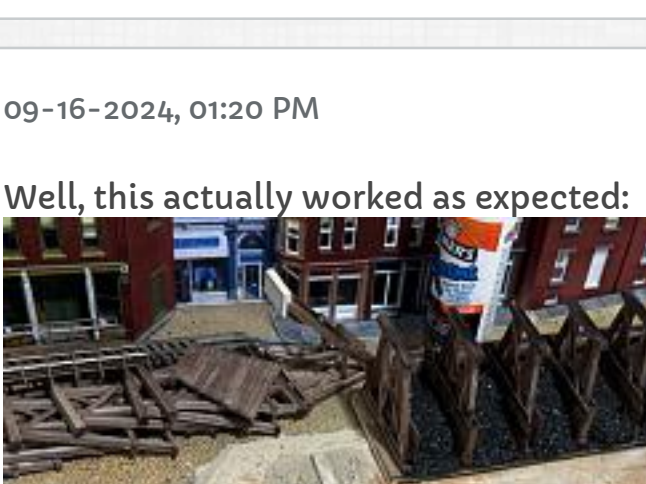
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09-17-2024, 11:52 AM #1454


I dug out the styrene plugs and put the bents back in place (not glued, just set down.)



In one case, I had to drill a hole and screw in a 2-56 truck screw to pull out the plug.



Here's the bridge and coal facility in position. One bent is a bit crooked. This will do to show my friend stopping by tomorrow.



Next step: Design and build the wood truss over the road.


dave

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


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09-17-2024, 01:35 PM #1455

Mock-ups of the bridge. King post (not a great design, the diagonals should be at 45, but then they'd really stick up.)



And Queen post, looks like the winner.



The verticals will be iron tension rods, the other members will be wood members (under compression).

It's a roughly 40' span

dave

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

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