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10-15-2024, 04:19 PM #1501


We've all been there Dave..

PRR Modeler
Senior Member
Join Date: May 2022
Posts: 2114

Curt Webb
Freelanced PRR Bellevue Sub

10-16-2024, 10:28 AM #1502

I test-fit the bents into the slots left by the plugs, mostly to get this motivational photo 🙄



The other project I'm working on is an interior for the Magnuson Miners Union Hall (doing the upstairs as a Masonic Lodge.) That's waiting some parts, but I'll probably play around with LEDs to light the interior.

dave

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

10-16-2024, 11:48 AM #1503

Everything looks excellent Dave. This area will be a definite eye catcher.

Curt Webb
Freelanced PRR Bellevue Sub

10-17-2024, 05:00 PM #1504

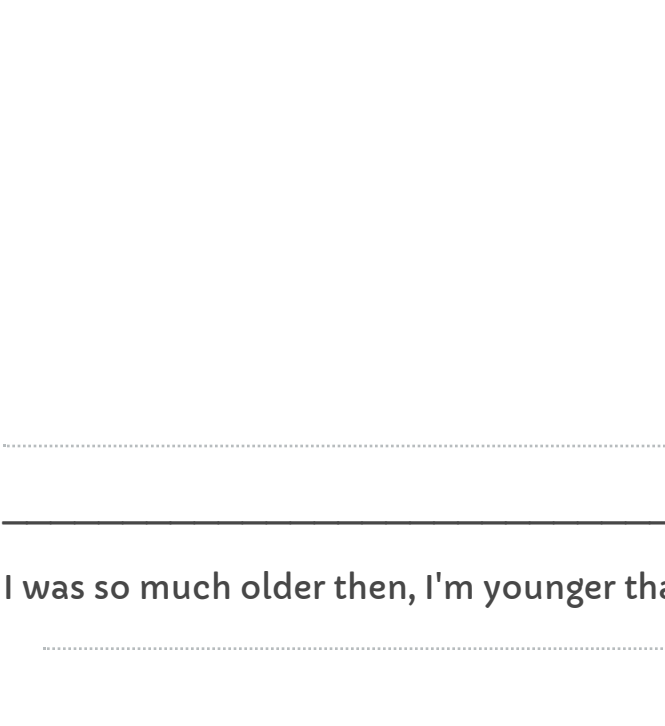
That's coming together nicely. Impressive workmanship.

Mike

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


10-17-2024, 06:48 PM #1505

First bent glued into position:



I built a little jig (white styrene) to hold the level square so I can use it to make sure the bent is plumb. The 1-2-3 block as a weight holds it in position. Using clamping tweezers as clamps is an idea I stole from John Siekirk.

And the other brace is in position:



This approach seems to be working OK. I'll let these dry and do the rest of the bents tomorrow, in between dog-sitting while the cleaners are here and monitoring the installation of our new stove...

When all the bents are glued into position, I'll cut and glue the stringers over top, and that should lock everything solidly into position.

dave

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

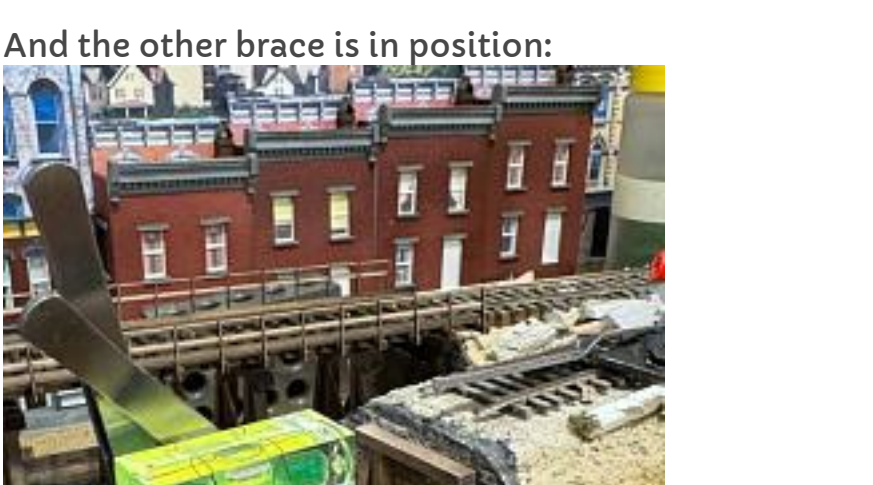
10-17-2024, 07:04 PM #1506

Interesting solution, Dave! Best wishes for all of it!

Pete
in Michigan

10-18-2024, 05:38 PM #1507

Today's one of those days where everything seemed to be deliberately frustrating me. The bents would go out of plumb, the prototyping setup for an LED had the power leads pull the roof off the building... I stepped away for a bit, then went back and glued a couple more bents. For some reason, I'm having to shim up the bents, and I'm a bit worried that I might have knocked something else out. But at least the bent-to-bent tops are level, and if necessary I will adjust the stringers.

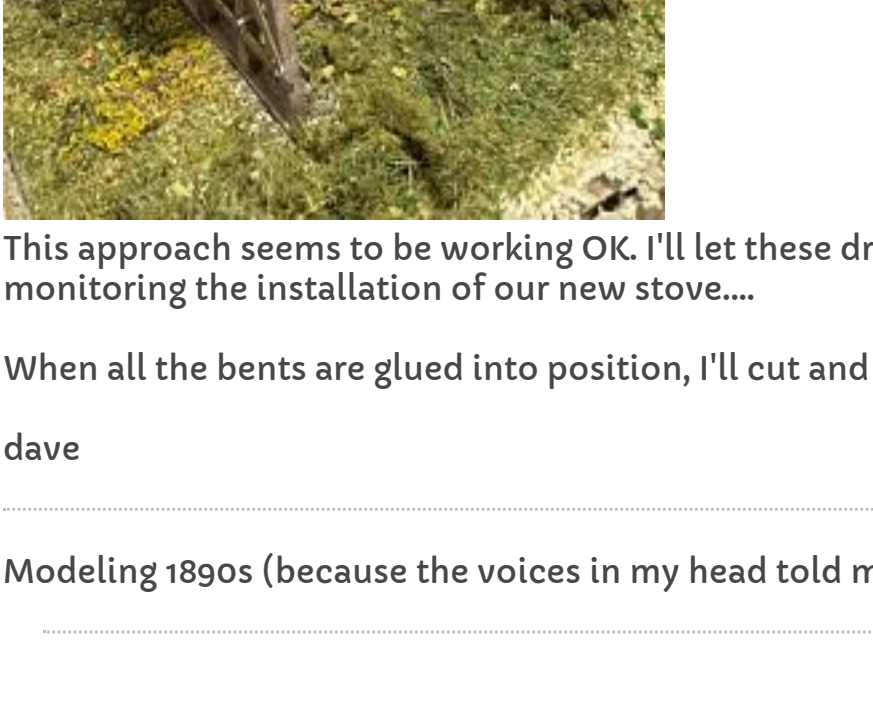


dave

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

10-19-2024, 10:32 AM #1508

So the critical question is whether the top of the bents line up with the stringers. I can actually accept a small gap particularly between stringers and track, that won't be all that easy to see.



But the answer is "Yes, this looks OK." So the next step is to cut the stringers and glue them to the top of the bents. Each stringer will have one or two angles to cut and sand, because of the curve of the track the joints aren't square. Once the stringers are glued into position, the bridge should be quite sturdy, and if I still sense any wiggle, I'll drill down from the top of the stringer into the bent and 'pin' the stringers and bents together.

Then I'll test fit the truss, look at the distance between the truss deck and the bottom of the track, and figure out (a) if I need to raise those bents like I did the other bents, and (b) how tall to cut the truss stringers.

On the right side, you'll notice no sway bracing between the two bents roughly in the middle of the photo. That's because I need to set the height and glue the truss bents, then cut and glue that sway bracing, before I can finish the sway bracing between the last two trestle bents. (The braces are arranged "over and under and over" along the sequence of bents.)

dave

Last edited by deemery; 10-19-2024, 10:35 AM.

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

10-19-2024, 02:03 PM #1509

A steady hand and a lot of patience goes a long way. Thanks for posting the photos. I subscribe to old saying..."A picture is worth a thousand words".

John Holt
Senior Member
Join Date: Feb 2011
Posts: 1124

GULF COAST & WESTERN

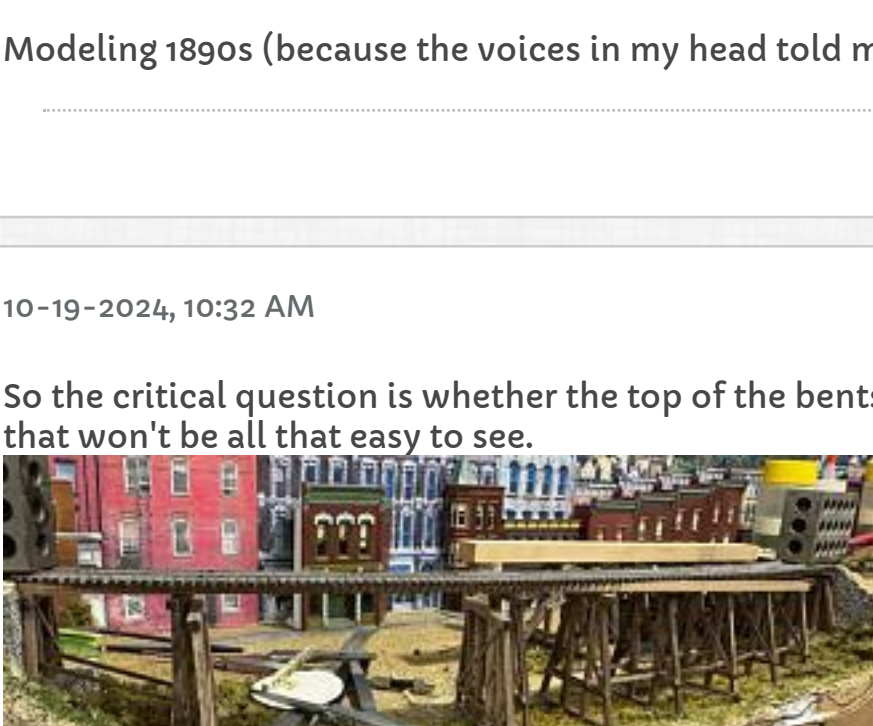
10-20-2024, 07:47 AM #1510

Sounds like one of those days you make one step forward and two steps backwards. I hope things are easier going forward.

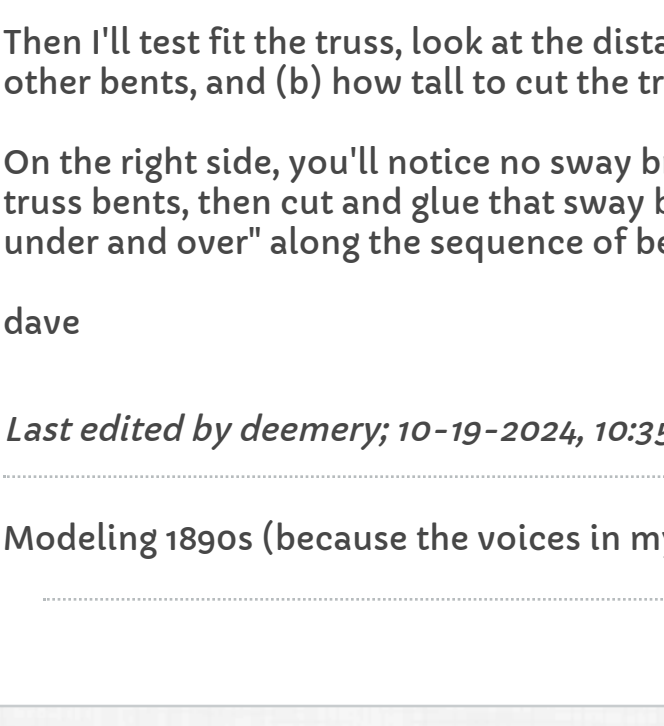
Curt Webb
Freelanced PRR Bellevue Sub

10-20-2024, 12:57 PM #1511

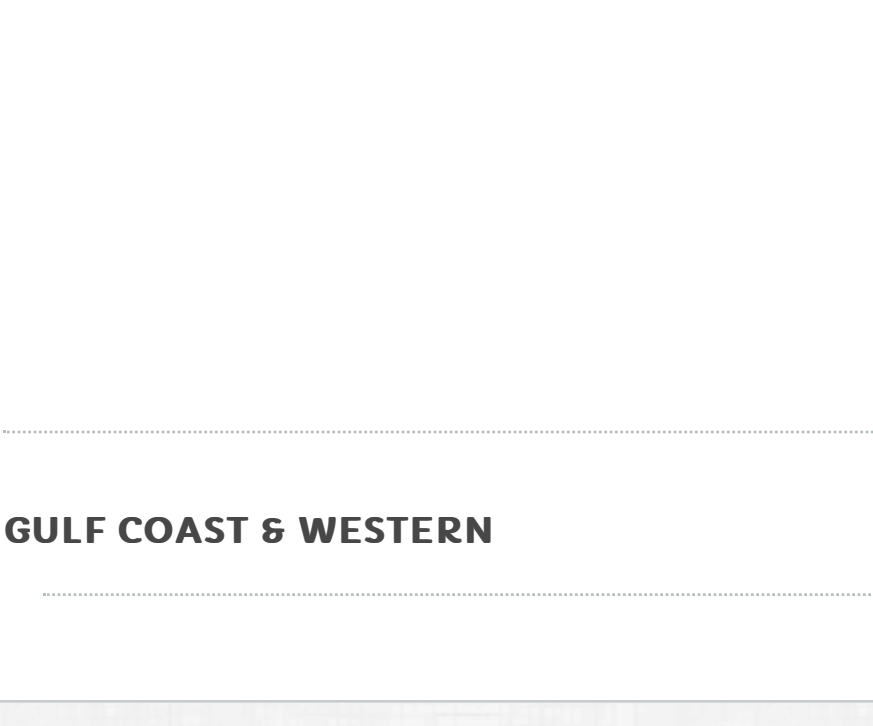
The truss is glued onto its bents:



Clearances are TIGHT!



I'm using yellow carpenter glue for max strength.



Once this glue is dry, I need to go back and add the stringers between the track and the truss bridge. Right now there's a bit of wiggle with the truss on its 2 bents. The sway bracing between the trestle bents and the truss bents is not strong enough to hold things together. Assuming I do a good job with the stringers, they will lock the entire structure together, and then I'll epoxy the bridge track to the stringers. I did have to custom-rip wood for the bridge stringers, they're a bit less tall than the trestle stringers, and I ran out of the 1/8 x 3/16 I was using for the trestle stringers.

dave

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

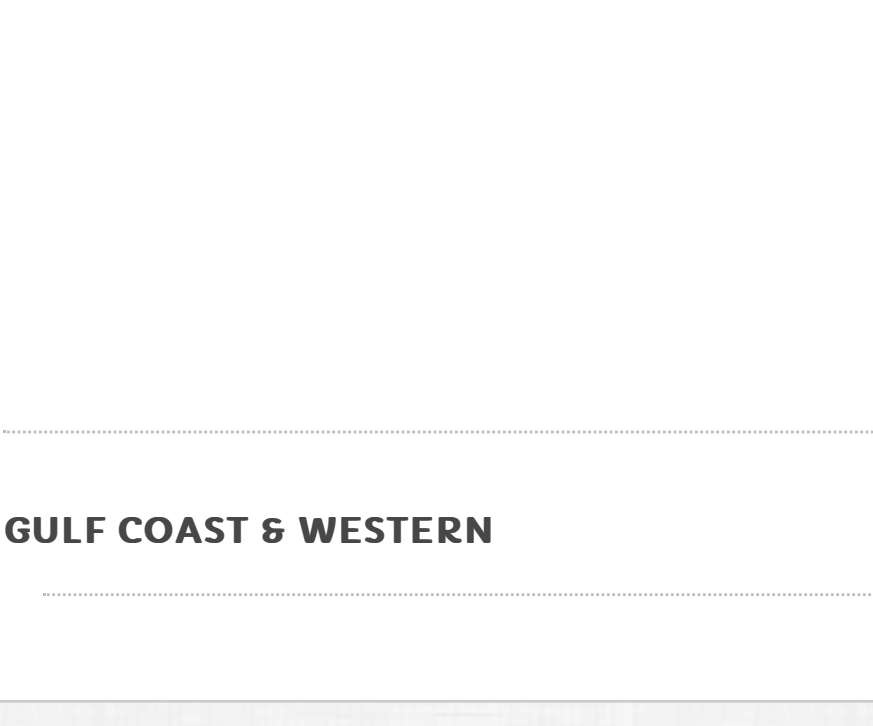
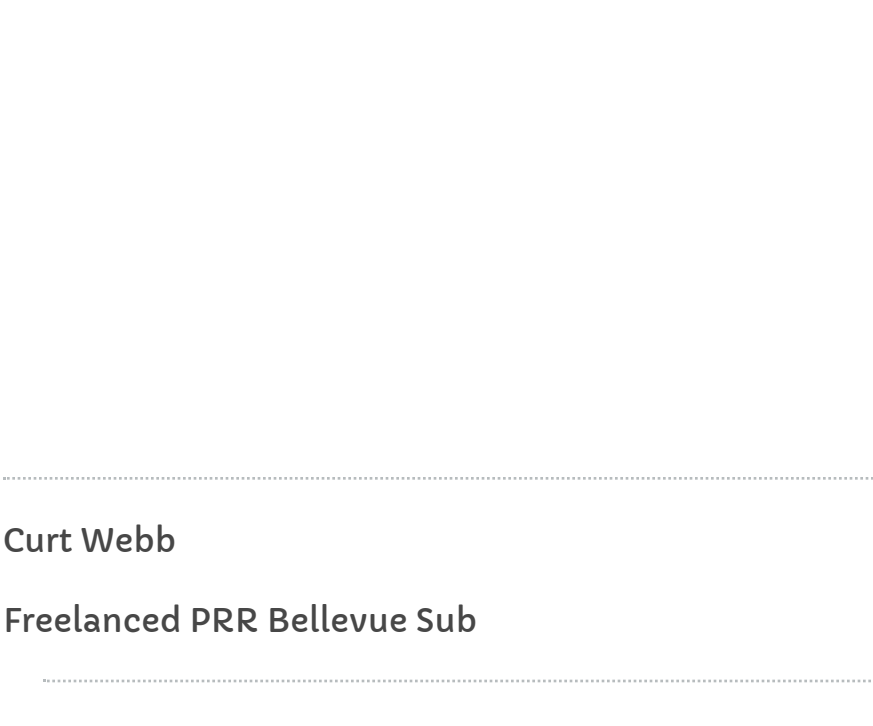
10-20-2024, 03:17 PM #1512

Just went through your project page I needed to LOVE IT. I'd checked it out a while back, but I forgot what the post was. So, when you visited my post on the SM&T Ry. Co. / G&D Ry.-I decided I page to find you fine project. I'm so glad I did; everything looks fantastic. I'll be a regular vivitor from now on. Thank for the inspiration.....


KYLE CREEL
SM&T Ry. Co. / G&D Ry.

10-20-2024, 03:18 PM #1513

Well, this is basically done. (I still need to do a few minor details, like NBW on sway bracing and the guardrails.)

add: A photo with a train on the bridge:



And now, this build thread having reached the magic number "101", I'll start a new thread with my next project.

dave

Last edited by deemery; 10-20-2024, 04:21 PM.

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

10-20-2024, 03:56 PM #1514

This was done exceptionally well Dave. Congratulations on a job well done.

Curt Webb
Freelanced PRR Bellevue Sub

10-21-2024, 08:54 AM #1515

Excellent work, Dave. Time well spent.

Michael_Hohn
Senior Member
Join Date: Sep 2012
Posts: 12238

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

1 comment

deemery commented
10-21-2024, 03:50 PM #1515.1

You might recognize the right-most boxcar behind the loco on the picture with the train on the bridge...

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