SL-and-N construction blog

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on 10 Jul 2011, 5:04 PM

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Attaching Mass Decrease the concrete is my fault (will not cry)

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The piece of wood with the level on it helps me ensure the bridge and abutments will be level. I'm sure there'll be some additional adjustments once the hardshell is in.

Now the question I'm pondering is whether or not to actually get some hardboard and cut the fascia at this point. But I'll probably think about that some more, and tackle some other projects. (see next post.)

dave

Last edited by deemery; 03-01-2023, 04:28 PM.

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

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deemery
Senior Member

Join Date: Sep 2007
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03-01-2023, 04:26 PM #945

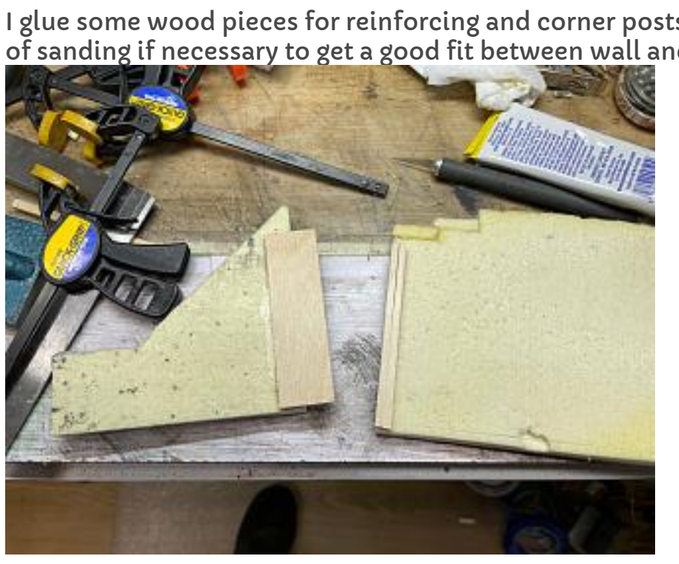
The other thing I'm working on are the tunnel portals. I'm using the urethane Scenic Express "PRR style" stonework. These come in 2 part numbers, one is stiff urethane and the other is a flexible foam. Since my one portal runs along a curve, I'll use the latter. But of course the tunnel portal itself, plus the nice stone stepped end pieces, are stiff urethane.

Here's the portal itself in position, that shows you what I'm starting with:

Far side mocked up:

Shaping and glueing these together is a bit of a challenge. I cut them with an utility knife with a fresh blade. Then I'm using Beacon 527 glue for wood to urethane and urethane to urethane joints. I've tried other stuff, this stuff seems to work the best: https://www.amazon.com/Beacon-Adhesi.../dp/B001E03THG You have to let it cure at least several hours, better overnight, before working on it. Also, you should clamp the pieces together.

I glue some wood pieces for reinforcing and corner posts. The end pieces are thicker than the walls. So I glue some wood spacers onto the walls, and do a bit of sanding if necessary to get a good fit between wall and end.



I'm gluing the end piece to the wall:

And the two portal walls set into position:

The other thing I should mention is shaping the walls. I have a soldering station that includes a heat gun. I used the heat gun to warm the castings and rolled them over a piece of 6" cardboard tube. I want the curve to be slightly more than required, because it's easier to pull the curve out, than to add more curve.

When the weather permits, I'll prime and paint the castings. I'll also cut wall sections for the interior of the tunnel.

dave

Last edited by deemery; 03-01-2023, 04:56 PM.

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