

Conowingo Models



Crunge Bridge



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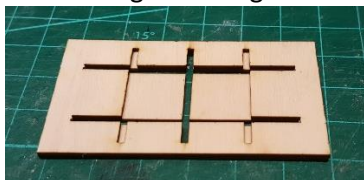
Thank you for purchasing this kit!

This slopeback, covered, pedestrian bridge is a weird combination of several ideas I had floating around in my head. There is no real prototype for it, nor should there be!

Supplied are the basic directions. For more tips and some additional instructions, please see conowingomodels.com. This will require a lot of weathering to achieve the desired affect.

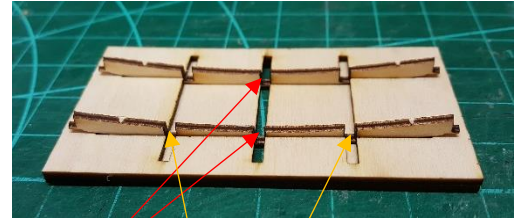
BUILDING

1. Begin by assembling the jig. There are two parts that go directly on top of each other. I used a quick drying CA and a bunch of clips to assemble it quickly so I could get moving.

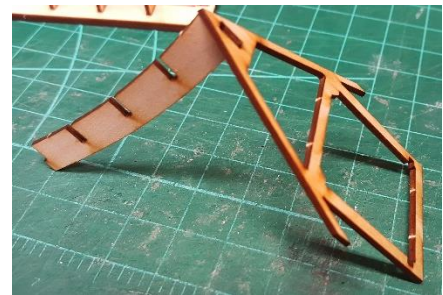


2. Stain or paint the side pieces and stripwood for the siding and let dry. Be sure to stain both sides. You will need to add weights to prevent warping.

3. Place both floor supports on the jig and line up the notches with the cross cuts. **Do not glue these to the supports!! At no time do you glue the jig to the bridge.** You may need to add additional 1/16 supports under the jig due to the depth of the middle sloping piece.



4. Glue the center support piece into the middle notches.
5. Glue the next two outer pieces into their respective notches. You may want to use a slower drying glue for this as the pieces don't like to sit perfectly vertical.
6. Put some slow drying glue on the middle three pieces of ridge beam.
7. This next part can be tricky. Read steps 8 and 9 to decide which path you want to choose.
8. Glue the end of the ridge beam into one of the end pieces using a quick-drying CA. Ensure that the notch on the ridge beam is even with the outer support. If you hold the ridge beam level, the outer support will bow outward at the bottom.



8a. Put some glue on the bottom of the outer support where it will contact the floor supports.

8b. Prepare the opposite outer support by applying a fast drying CA to the square notch and bottom where it will contact the floor supports.

8c. Hook the ridge beam into the notches on the support pieces and attach to the opposite outer support.

8d. Ensure the supports are fully seated on the notches in order to get the full slope affect. Both outer support pieces will bow inward at the top. Go to step 10.



9. Glue the ridge beam to the three center-most supports. A fast-drying CA would make the process go quickly.

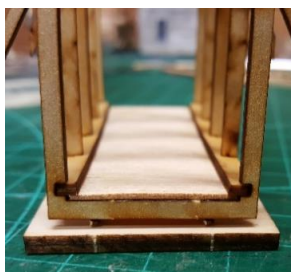
9a. Glue the outer support to the ridge beam and floor supports. They will bow inward at the top.

9b. Ensure the supports are fully seated on the notches in order to get the full slope affect.

10. Remove the bridge from the jig. Slide the floor into place. Even though it's thin, you may need to dip it in water to make it more pliable. Hold off on gluing it into place for the time being.

11. Soak the floor locks in water to make them more pliable. If they're not wet enough, they will break.

12. Once the floor locks start to bend, slide them into the bridge and match the notches in the floor locks with those on the support beams. They'll pop into place when done properly. This can be difficult, so apply glue to the underside only after everything is in place.



13. Once it's dry, weather the inside of the bridge to tone it down.

14. Glue the side pieces into place, ensuring they match up on the bottom with the end pieces. They'll look slightly different than the photo shown below because the prototype needed extra support.



15. Using the pre-stained stripwood, apply the siding as you desire. For vertical pieces, it should fan out from the top with the middle pieces aimed straight down.



16. Shingle the roof, referencing the notches to keep things... crooked. The shingles bend.

17. Glue the roof into place. You may choose to add stripwood to the underside of the roof on the ends.

Please share your completed photos on <https://www.facebook.com/ConowingoModels/>

See Conowingomodels.com for more unique HO-scale structure kits.

If there are any parts missing, please e-mail me railrunner130@yahoo.com and I'll get those parts headed your way.

Many thanks to Steve Milley, Jeff Grove, Greg Cassidy and Mark Schreier for their help!