

00 Gauge Footbridge Assembly Instructions 03/04

Please read full instructions before starting construction.

Decide on your step formation (straight, 'L' shaped, 'C' shaped or 'S' Shaped)

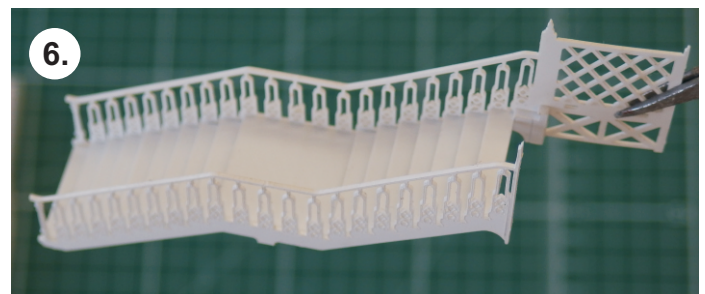
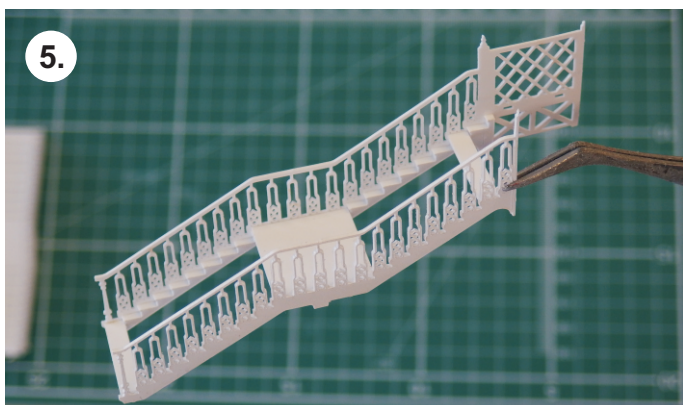
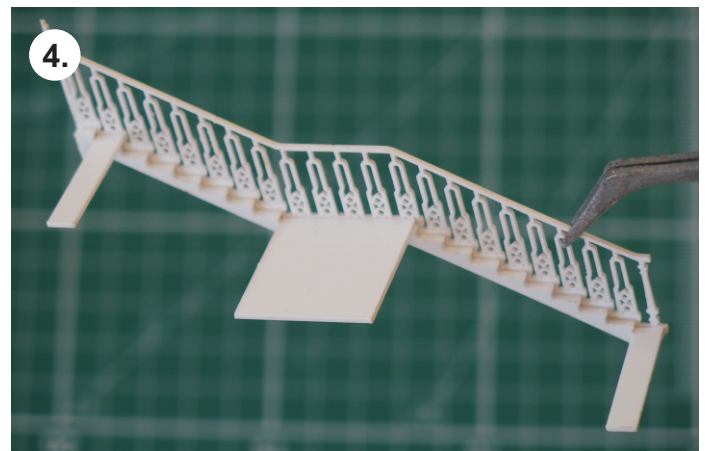
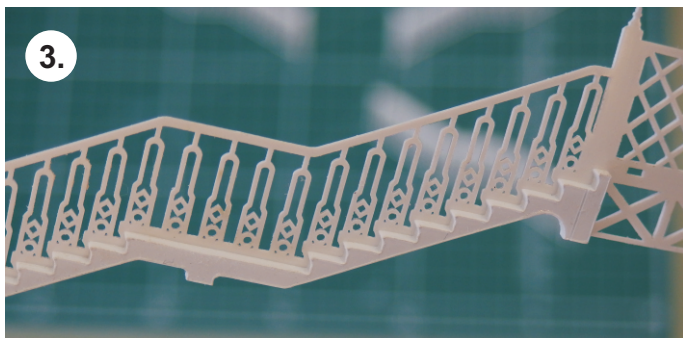
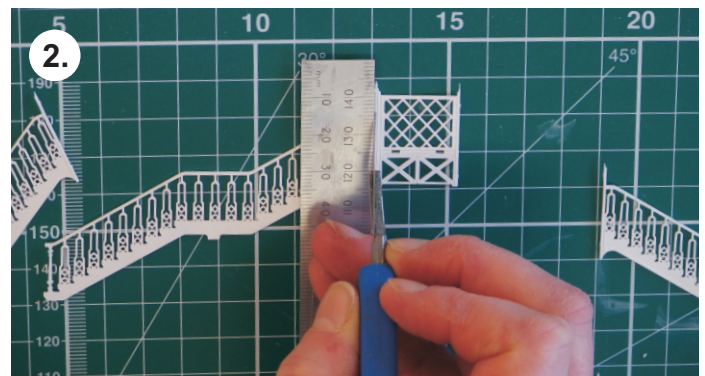
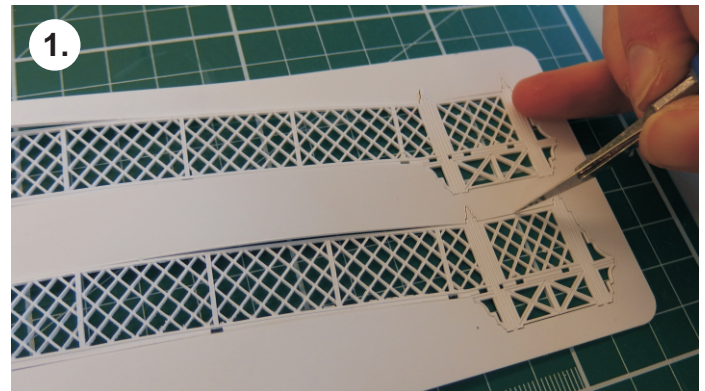
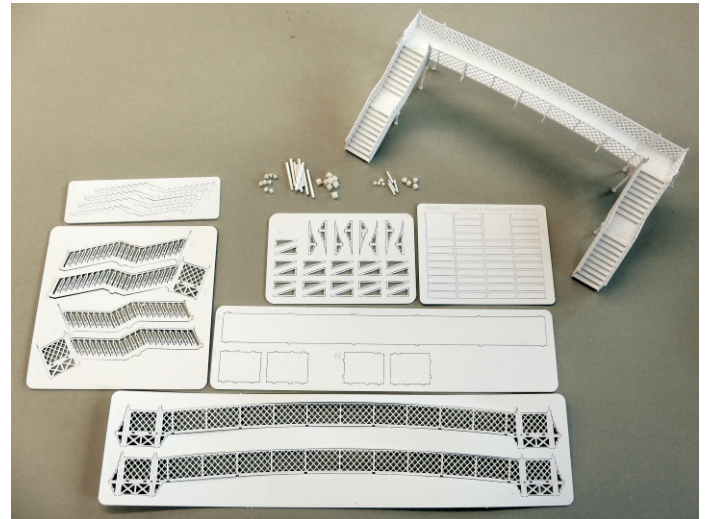
1. Very carefully sand both sides of all the plastic components with 240 grit. This is easiest to do while the pieces are still in the frets. Then cut the components from the frets.

2. Depending on the step formation you have chosen, you will need to remove parts of the sides - please refer to the cutting guide diagrams overleaf.

3. Glue parts G - J (the step supports) to the inside bottom edge of parts C - F so that they are flush at the bottom. N.B. If you haven't had to cut down parts G & H for your chosen step formation then these two parts correspond to parts D & F, while H & J should be glued to C & E.

4 - 6. Use solvent* (or super glue) and a square to keep each step at a 90° angle and glue to the side part of the steps (parts C - F.) I find it easiest to glue the middle landing, top step and bottom step to one of the sides, and then sandwich this between the corresponding side, before slotting in the rest of the steps. If your steps are at 90° to the walkway then you will need to use the step with a notch out of the corner as your top step, with the notch facing towards the walkway. If your steps are straight, use a normal step as the top one. Repeat with the other set of steps and set to one side.

The parts you need for the landings at the top of the steps will depend on your step formation. For straight steps on both sides you will need to use both of parts 'L'. For an 'L' shaped step formation you will need one of part 'L' and one of part 'M'. For 'C' shaped steps and 'S' shaped steps, you will need two of part 'M'. For the 'C' shaped steps you will need to turn one of part 'M' upside down.



7 - 8. Once you have determined which parts you need for the landings, glue them into the slots at either end of part 'A', and then sandwich them with part 'B'.

9. To form the main curved walkway, glue part 'K' into the slots on the bottom edge of parts 'A' and 'B'.

10. Glue the two sets of steps to the main span of the bridge.

11. Attach parts 'O' to the outer sides where the top landing meets the walkway. If you are creating a straight step formation you will use all eight, otherwise you won't need them all.

12. Next, glue parts 'N' to the outer sides and underneath the walkway.

13. From the discarded ends of parts A & B, you can cut out the lower girder sections and glue these onto the underside of the top landing.

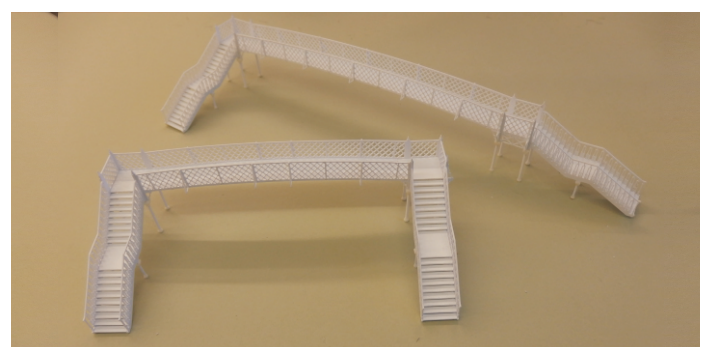
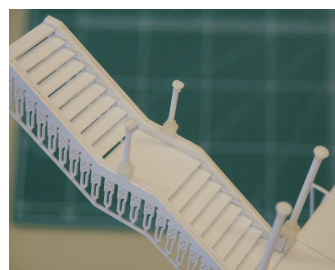
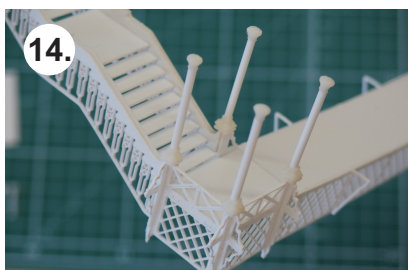
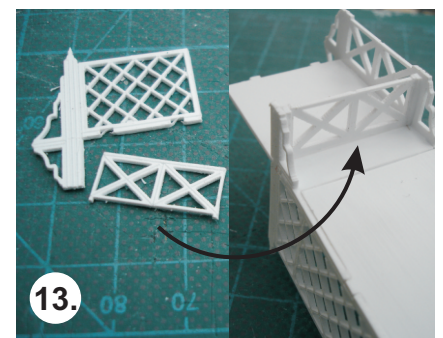
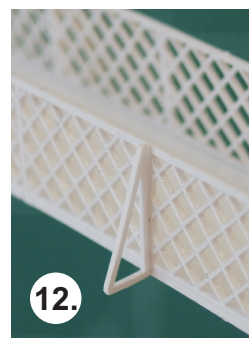
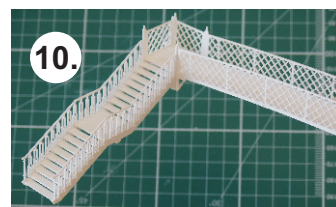
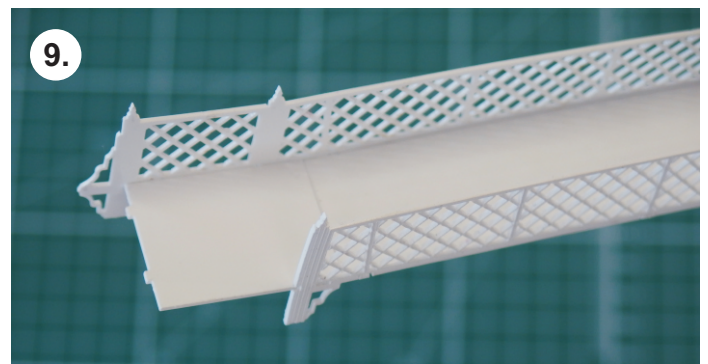
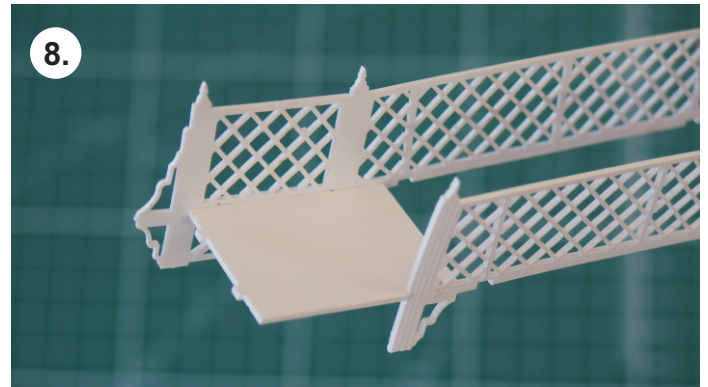
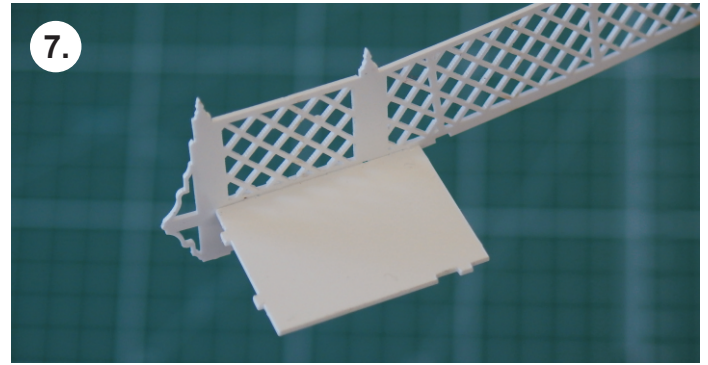
14. For the supports underneath the landing, glue the top and bottom of the column to the tubing supplied - I find super glue works best for this. Repeat for the four smaller columns underneath the 'half-way' landing.

Turn your bridge over and glue the landing support columns to the underside of the landings.

The construction slots can be filled and sanded before painting your finished footbridge.

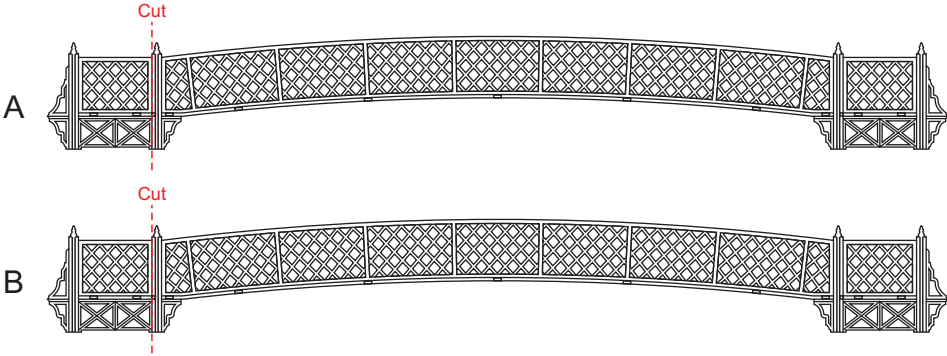
**You will need to use a good quality solvent such as EMA Plastic Weld, Delux Plastic Magic, Pheonic Precision Super Weld, Butanone or Superglue.*

N.B. Slight variations in the thickness of the plastic may mean that you will have to sand back edges to make your finished bridge neater.

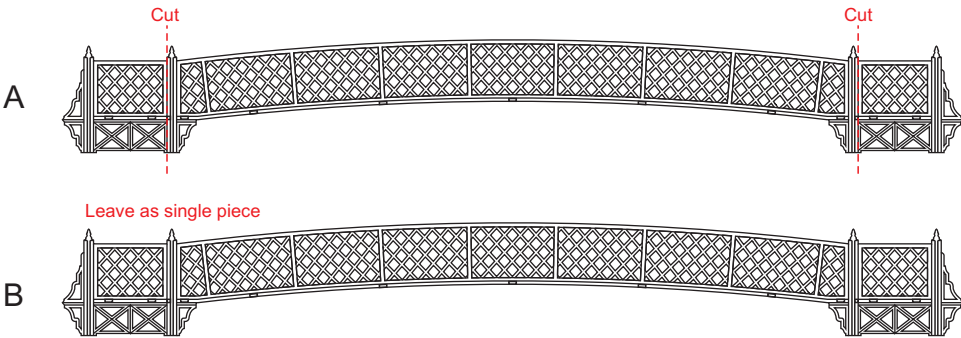


Cutting Guide

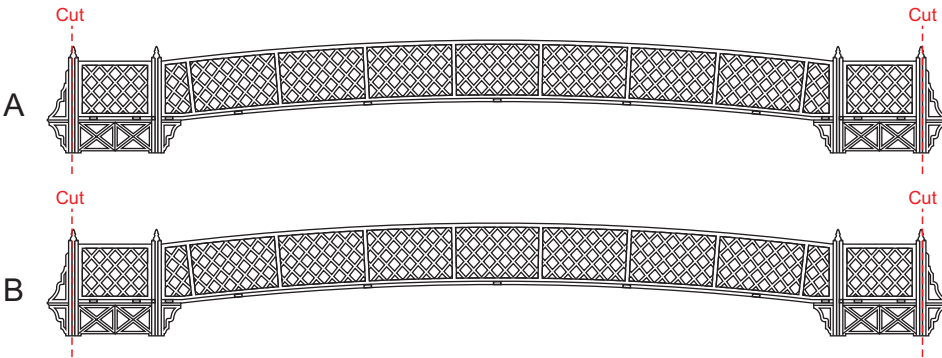
‘S’ Shaped Step Formation



‘C’ Shaped Step Formation



Straight Step Formation



‘L’ Shaped Step Formation

