

N Gauge Footbridge Assembly Instructions 03

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.

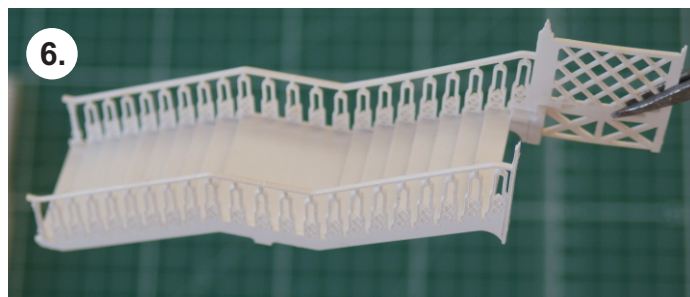
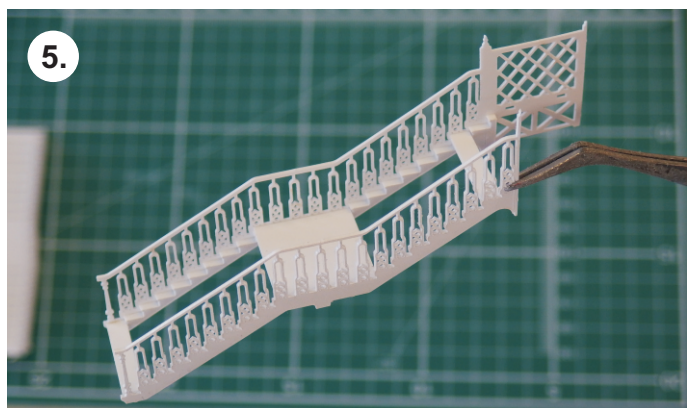
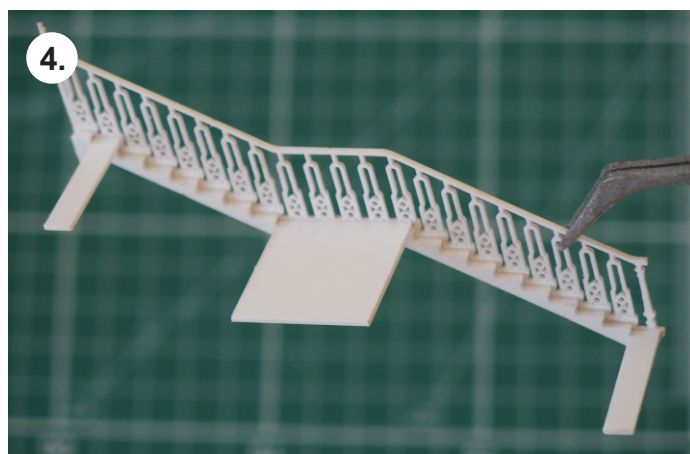
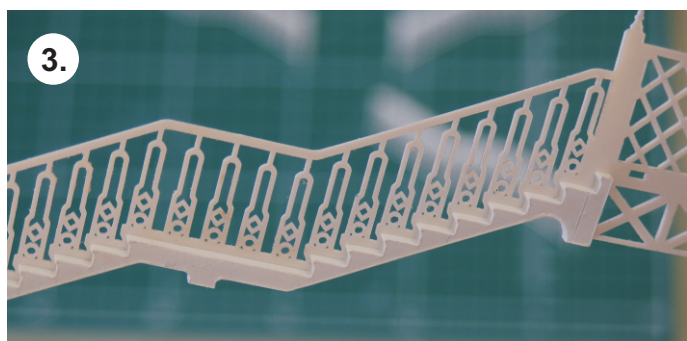
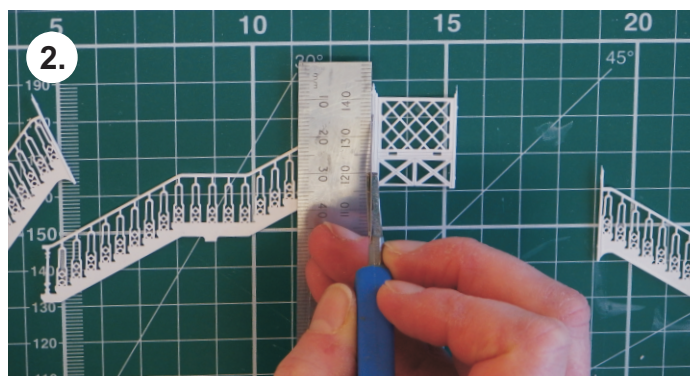
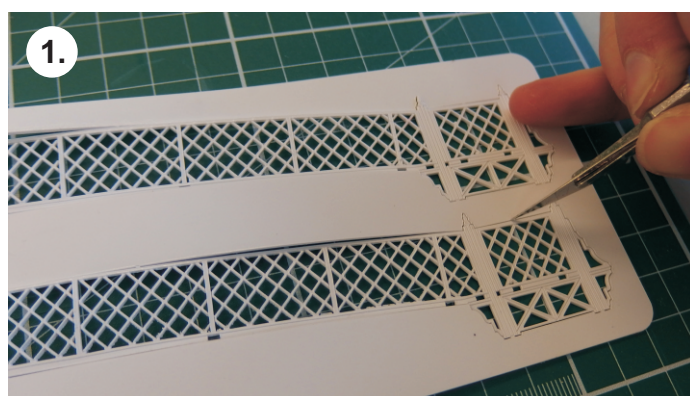
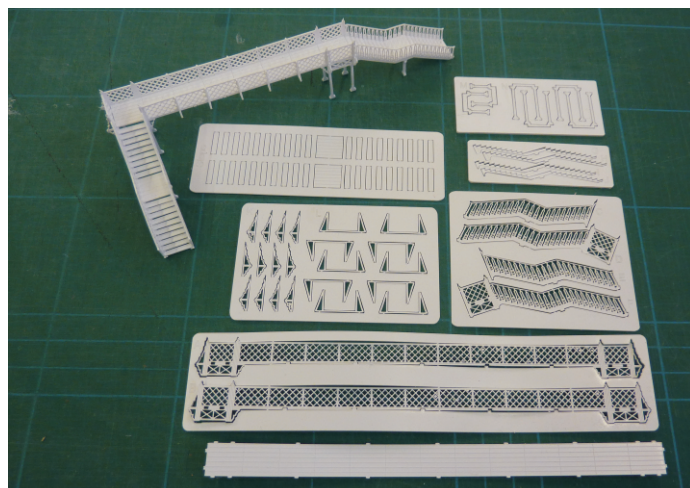
2. Depending on the step formation you have chosen, you will need to remove parts of the sides - please refer to the cutting guide diagrams overleaf.

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 edge.

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. Repeat with the other set of steps and set to one side.

If you wish to shorten the bridge, sections can be cut out of the middle of parts A, B and the walkway floor along the etched lines before proceeding to the next stage. It is important that you cut a section out of the middle rather than just shortening the bridge at one end, as the spacing of the tabs are different at the ends. Where you cut will depend how long you want the main span of the bridge to be. Remove and discard the middle sections.

7. On the floor of the walkway you will have to sand off some of the tabs. For any set of steps coming straight off the main walkway you will need to sand off the two tabs on the short end of the walkway. For any steps coming off the walkway at 90 degrees you will need to sand off the two tabs nearest the end on the long side of the walkway.



8. To form the main walkway, glue the floor of the walkway into the slots on the bottom edge of parts 'A' and 'B'.

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

If you decided to shorten the span of the bridge, now is the time to glue the two halves back together. Use one of part 'L' to cover the join and give it a bit of extra strength.

10. Glue the rest of parts 'L' to the outer sides and underneath the walkway.

11. Attach parts 'K' 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. 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.

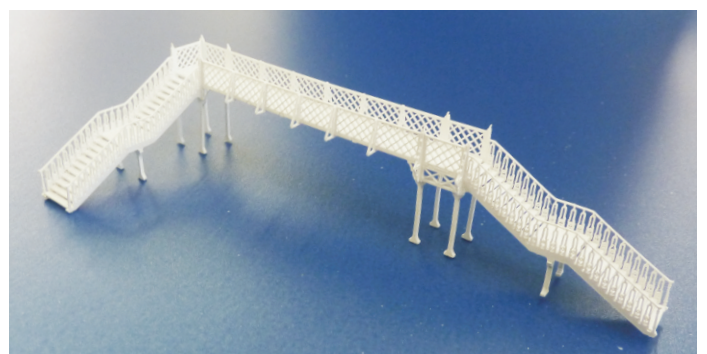
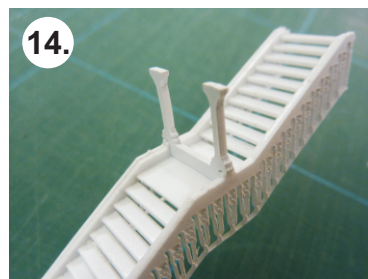
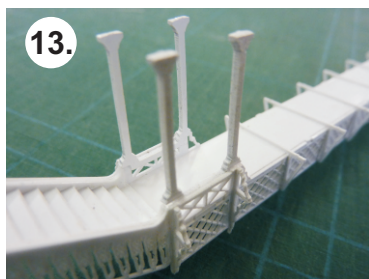
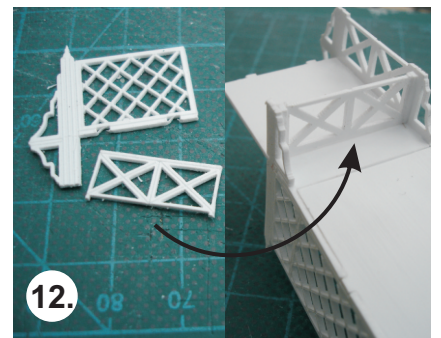
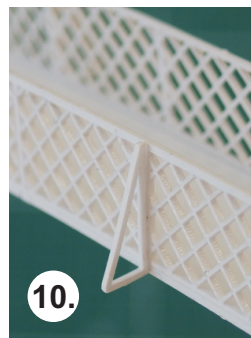
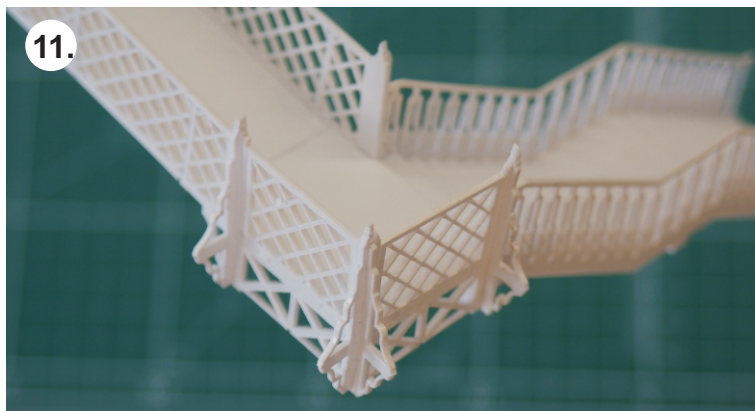
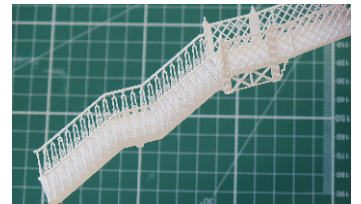
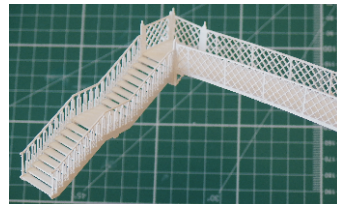
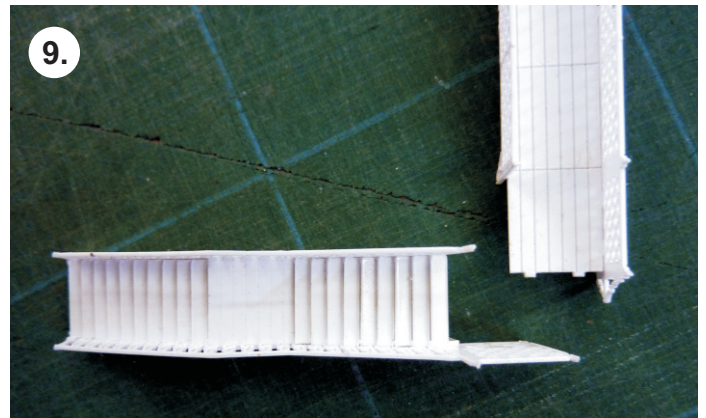
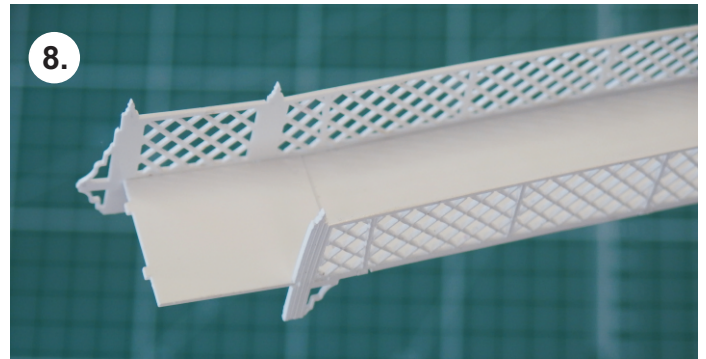
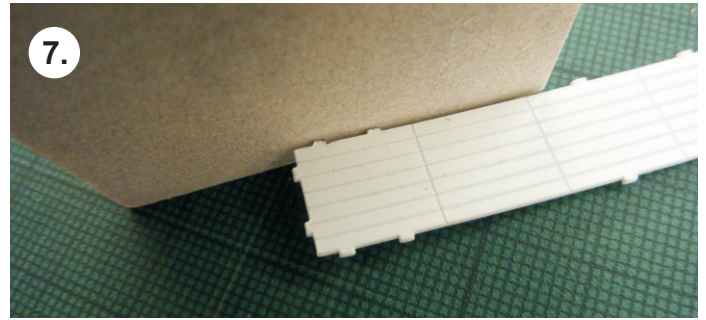
13. For the supports underneath the landing (part N), glue them in place behind the lower girder section at the top of the steps.

14. Repeat for the smaller columns (part M) underneath the 'half-way' landing on the steps.

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

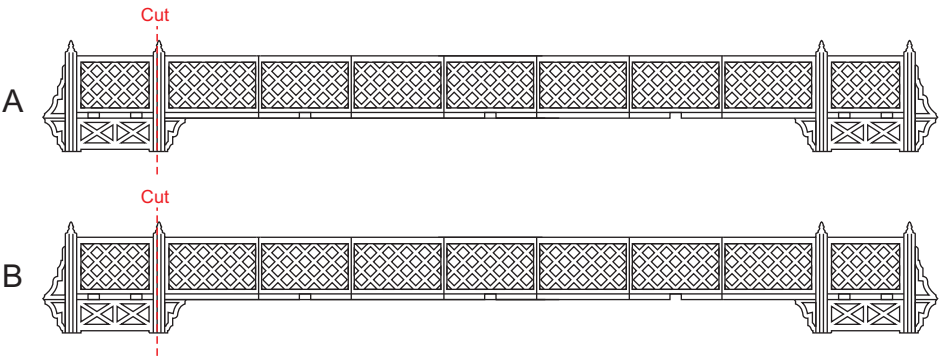
**You will need to use a good quality solvent such as EMA Plastic Weld, Delux Plastic Magic, Pheonic Precision Super Weld, Butanone or Superglue.*

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

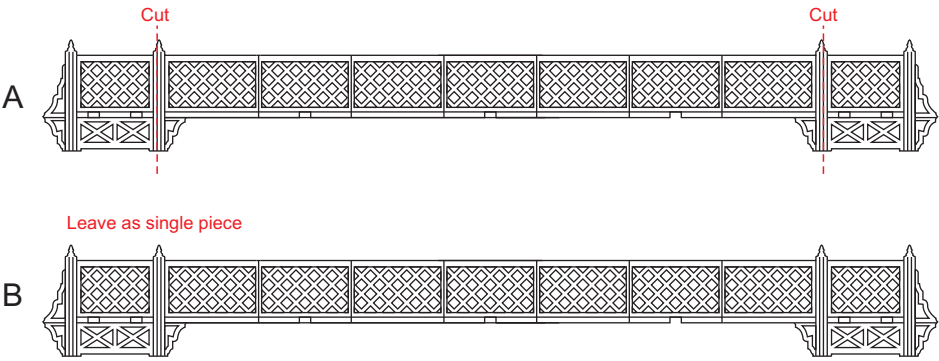


Cutting Guide

‘S’, ‘L’ Shaped or Straight Step Formation



‘C’ Shaped Step Formation



Step Formation Options

