

LASER-ART STRUCTURES by BRANCHLINE TRAINS

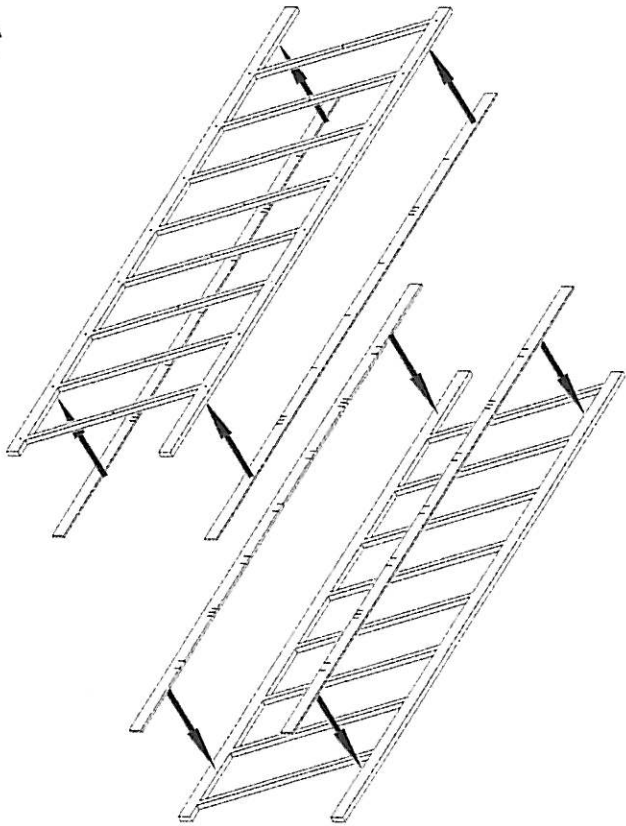
Constructing the trusses:

The following steps need to be repeated to create two complete truss sections, one for each side of the bridge. The side trusses are built up from a sandwich of three layers with spacers between. The inner truss section includes holes for the NBW (nut-bolt-washer) castings, the outer truss section is identical but does not have these holes while the center section includes tabs top and bottom. The spacers are 1/64 plywood strips with notches along the edges - see the parts diagram.

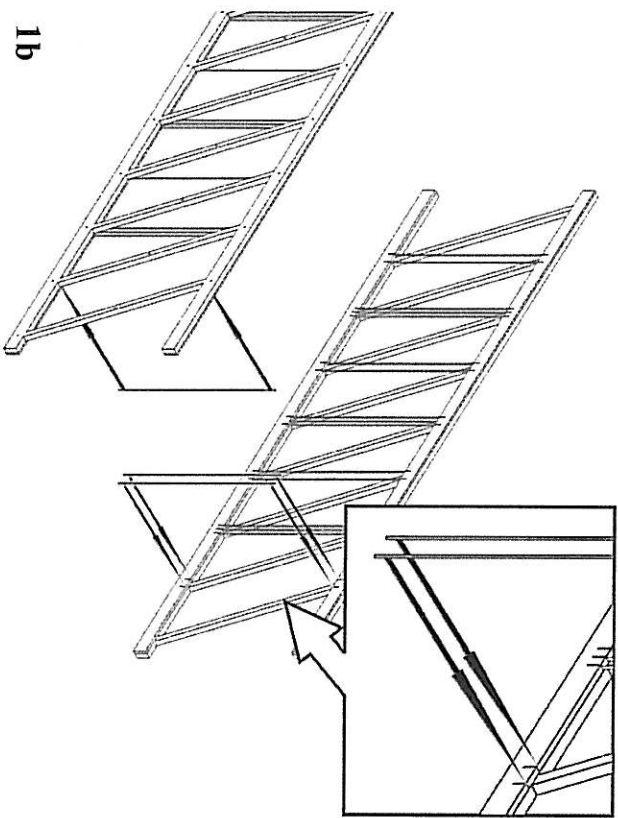
It will be easier to take a few minutes now to stain or paint the truss sections before assembly.

1A) Start assembling the side truss by applying the peel-and-stick spacers to the top and bottom of the outer truss panels flush with the edges as shown. Note that there are two patterns of these notches, one with two intermediate notches between the groups of three and one with a single intermediate notch. Make sure that the upper and lower strips match (see diagram).

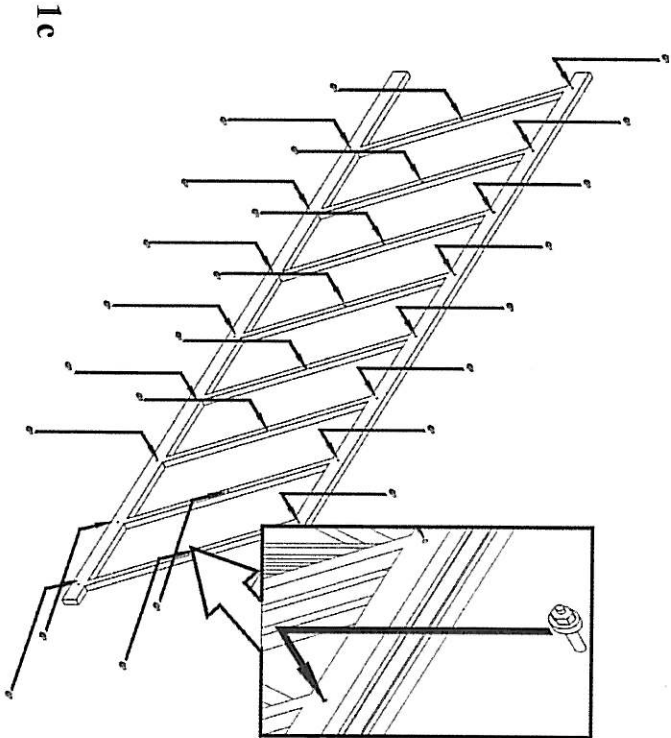
1B) Cut the strips of .020" wire (about 2.6") and press them into the slots as shown. A small amount of super glue can be used to secure them in place. Cables will run rows of twos and threes across one wall section and ones and threes across the second section.



1a



1b



1c