

# LASER-ART STRUCTURES by BRANCHLINE TRAINS

## End wall supports:

**4A)** The two end support walls mount onto the ends of the upper and lower side trusses – see diagram. Make sure that they are flush with the ends of the side trusses, then glue into place.

**4B)** The inner wall panels are built up from a solid backing piece of plywood and two panels of siding. Glue the larger siding panel to the bottom of the plywood piece. Now glue the top section of siding in place flush with the top edge and overlapping the bottom panel. Repeat for all four wall panels.

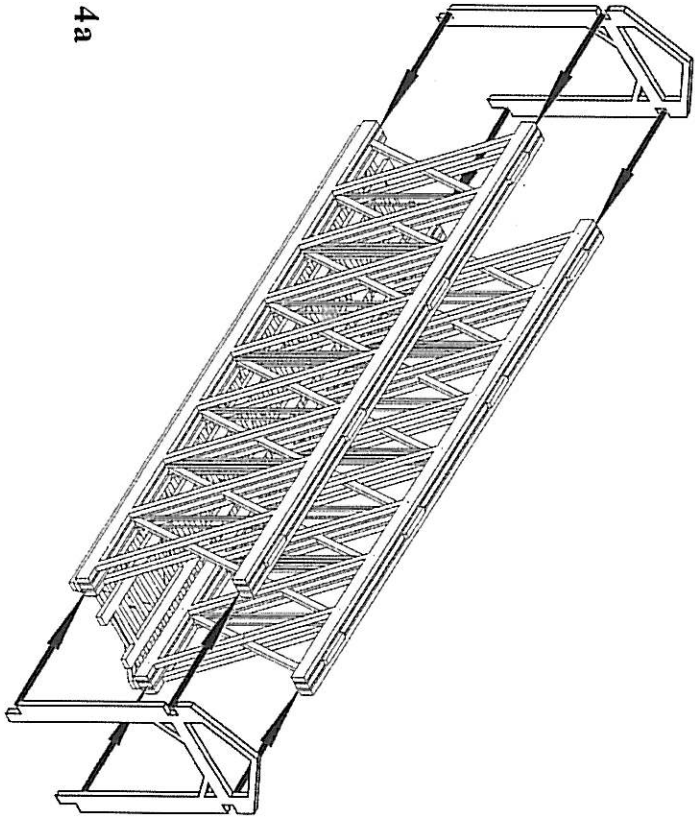
Glue the completed panels to the inside of the bridge entrances tight up against the end walls as shown.

## Siding:

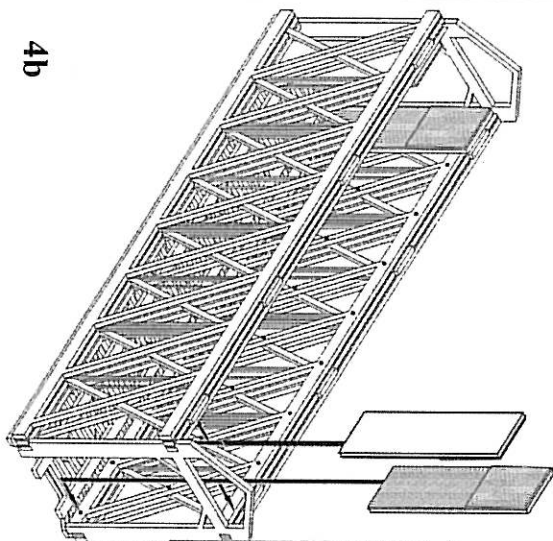
**5A)** Before going any further, you have two options for the side walls. When built the bridge walls were solid. Later, during the restoration three small windows were added to each side for the enjoyment of rails-to-trails hikers. We have included the trim for the windows, but if you want to add them you will need to cut the openings into the walls. Use a sharp knife blade to remove the appropriate sections of boards - a full-sized template is included on the back page of these instructions to guide you.

The bridge siding is made up of two outer panels that overlap with an inner cross support. You will be making up two siding sheets, one for each side.

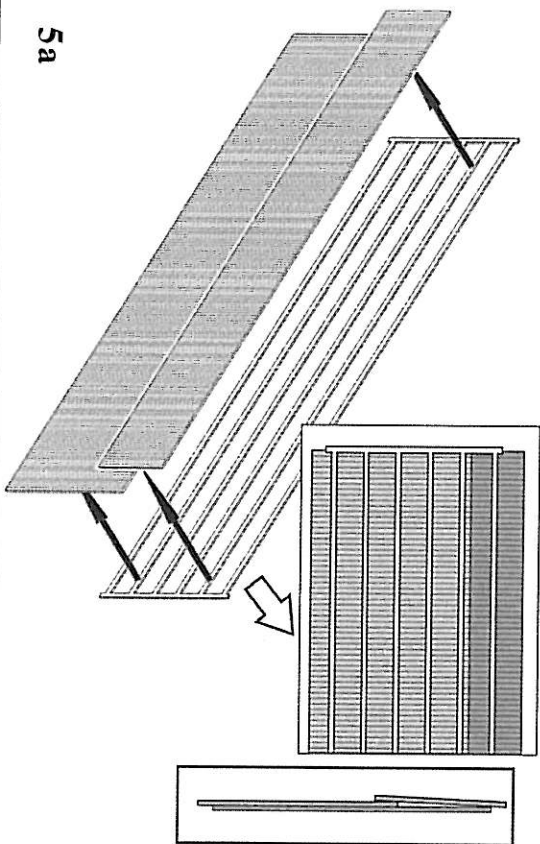
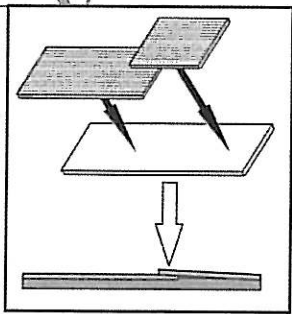
Assemble the siding by applying the peel-and-stick cross support panel to the back of the larger siding panel. The window in the siding should fall into the second opening up from the bottom on the cross support panel – see diagram.



4a



4b



5a