Rix Highway Overpass (Early)
Assembly Instructions

After looking at the diagram to familiarize yourself with the parts, carefully remove all parts from the sprues and remove any burns or flash.

These instructions describe the assembly of one 50 foot overpass and pier. Repeat the process for the total number of 50 foot spans you need. The bridge kit will form male and female ends which will interlock together. If you're building several 50 foot spans, you may wish to build them as one continuous piece. Simply cement all the roadways together first and continue on with the beams.

We feel that a liquid type cement works best with this kit. If you have never used liquid cement, try it. You'll find it's very easy to use. Just brush a small amount on each piece to be glued and press together. Or hold the two pieces together and brush down the joint. The cement will run into the joint and bond them together. Don't use too much cement; it will soften the plastic.

Roadway and Beams: First lay the roadway face down (so the scribed lines are facing down). Prepare to glue on the flat sided beams at each edge of the roadway (you want the flat side facing out). The flat side of the beam should be flush with the edge of the roadway. Fig (1) You will also notice that the roadway has a step on one end. The beam must be glued overhanging this step so that it extends in the air and is flush with the bottom edge. Fig (2) Now glue. (This forms the female end of the bridge). Next glue one of the I beams down the center of the roadway. Then the last two I beams need to be centered and glued on each side of the middle I beam. Make sure they all are flush with the end of the roadway.

Guardrails: Turn the roadway over so that the beams are down. Prepare to glue the guardrails on. Fig (2) Now glue on. Next glue the small wedges directly under each pillar. You will notice that the end wedges will extend past the beam if glued directly under the pillar. This will cover the seam of the adjacent bridge. Tip: Leave the wedge off the female end, to form a male and female joint. If there is no adjacent bridge, then glue the end wedges flush with the beam. Interlock bridges together by lining up the female end with the male end and slipping the two together.

The end pillars are only half thickness. This is so another Rix Highway Overpass can interlock into it. Separate pillar halves are provided to add to the ends of the bridge so the last pillar is full thickness. Optional: The end pillars can be cut down the middle so they end flush with the curb. Fig (2)

Pier: Looking at the figure (3), first assemble the foundation of the pier (larger L shaped plastic). Glue the two large L's together. Then glue the top on (flat plastic with 3 holes). Be sure you have the beveled edges together. Next glue the support beam (small L shaped plastic) together. This piece is beveled on both ends. Glue the second 3 hole cover on, and then the solid cover will be glued on the opposing side. Glue the posts (tubes) together and let dry. When the glue has dried, you're ready to install the posts inside the foundation and support beam. Do not glue.

Installation: The Rix Highway Overpass is designed to stand alone, spanning across the layout with one end against the wall, the other end at the edge of the layout. However, it can be attached to custom-made abutments and roadways if you wish.

We suggest you lay the bridge down on the layout, crossing the tracks in the desired location. The piers are ideally supposed to be located directly beneath every 4th pillar (50 feet) or so. Move the bridge around to find a spot where every 4th pillar is clear of obstructions below. You may need to move a pier back to the 3rd or out to the 5th pillar in order to clear all obstructions. Mount piers in the desired locations. The foundation of the pier can be mounted down in the scenery so only a small portion shows, or it can be removed for a different look. If you need longer posts, you can replace our posts with Pinash or Evergreen tubing.

Set overpass on piers, line up pillars with piers and center overpass over piers. Then glue. Once glue sets, adjust the height so all your cars clear. Then glue posts to foundation and support beam, making sure the posts are square with the foundation and support beam.
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