



H0 Scale Structure Kit

TRANSLOAD FACILITY SAFETY SYSTEM

933-4185

Thank you for purchasing this Walther's Cornerstone kit. The parts are made of styrene so use a plastic compatible cement for assembly. Some of the parts are delicate so use caution when removing them from the sprue. A sharp hobby knife or side-cutters are recommended. Once parts are removed use a hobby knife or sanding stick to clean any remaining sprue from the parts for a good fit and neat appearance.

Background: "Safety First" has been the railroader's creed from the early twentieth century through today. Protect your modern transload crews with this safety structure. Workers attach a safety line from the guide rail to the harness they wear when walking on top of the cars. This is often a self-retracting line so that the safety line itself won't create a tripping hazard. These structures are found at transload facilities all across the country.

Components: Prototypes structure consist of structural steel arms and rails bolted to a concrete pad. The kit includes two styles of support columns based on commonly seen prototypes, as well as three styles of concrete pads. *(Figures are not included in this kit but can be purchased separately from Walther's Scenemaster. Thread has been used for the safety line on the box art but is not included in this kit.)*

Assembly

Column A, Large Base Slab Version:

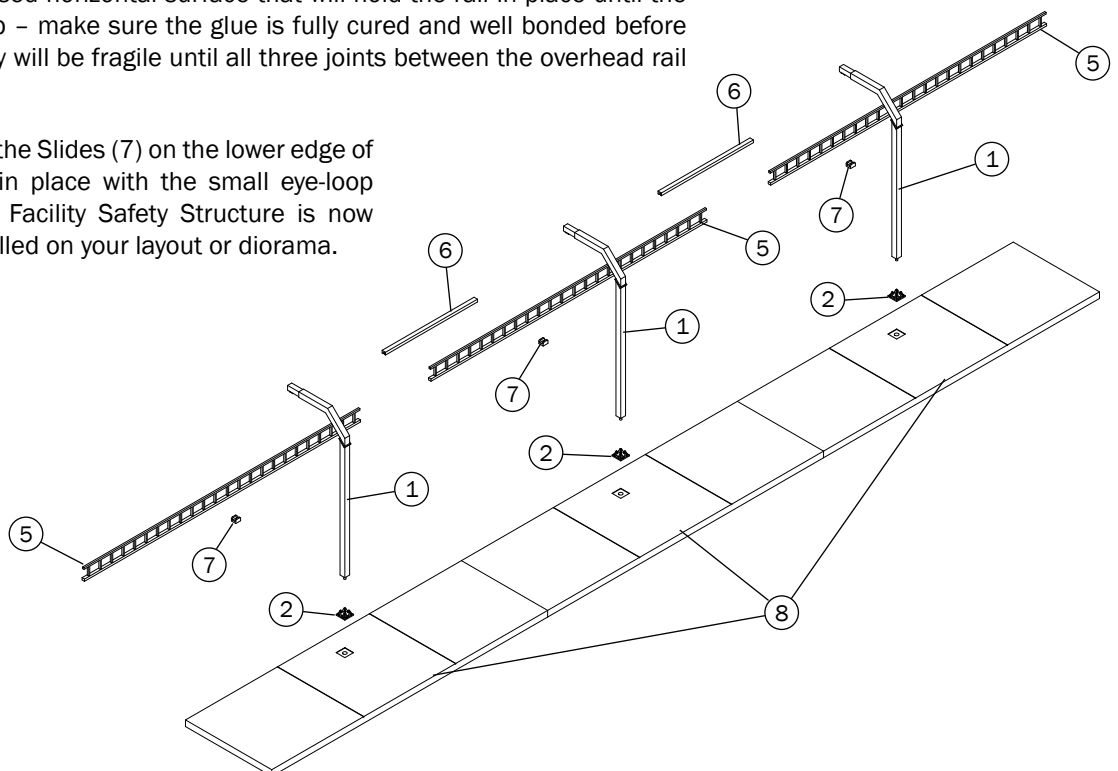
To build the structure using Column A (1) begin by gluing Support Base A (2) to the Base Slab (8) using the small depression in the base slab as a guide. Next glue Column A (1) to the Support Base A (2) inserting the alignment pin on the column into the support base. Be sure to align the column at 90 degrees to the base in two directions so that it is plumb while the glue cures. Any square object can be used to check this. Repeat using the remaining columns. Position the bases end-to-end and glue them together.

Lay the Overhead Track (5) segments end-to-end. Note the thickness of the track rails. Glue them together using a straight edge as a guide. When the glue has set, glue the two Rail Joiners (6) to the narrow edge of the overhead rail. Once the glue has fully cured lay the completed assembly on the base slab sections and up against the columns, aligning the ends of the overhead track with the ends of the base slab. Mark the overhead track at each column. This shows you where to attach the track to the column arms.

Place the overhead track beneath the column arms between the cast-on pins. The narrow rail should be on top and the wider, thicker rail should be on the bottom. Check the fit and if necessary, gently remove any material from the rail to ensure good contact between the rail and columns. Now glue the track in place to the underside of the columns.

If you are using a fast-set adhesive such as cyanoacrylate (super glue) you can simply hold the rail in place until the glue has set or apply an accelerator. If your glue takes longer to cure you may wish to rest the rail on a raised horizontal surface that will hold the rail in place until the glue cures. This is a crucial step – make sure the glue is fully cured and well bonded before moving forward, as this assembly will be fragile until all three joints between the overhead rail and the column arms are cured.

Decide where you'd like to place the Slides (7) on the lower edge of the overhead rail. Glue these in place with the small eye-loop pointing down. Your Transload Facility Safety Structure is now assembled and ready to be installed on your layout or diorama.



Column B Large Base Slab Version:

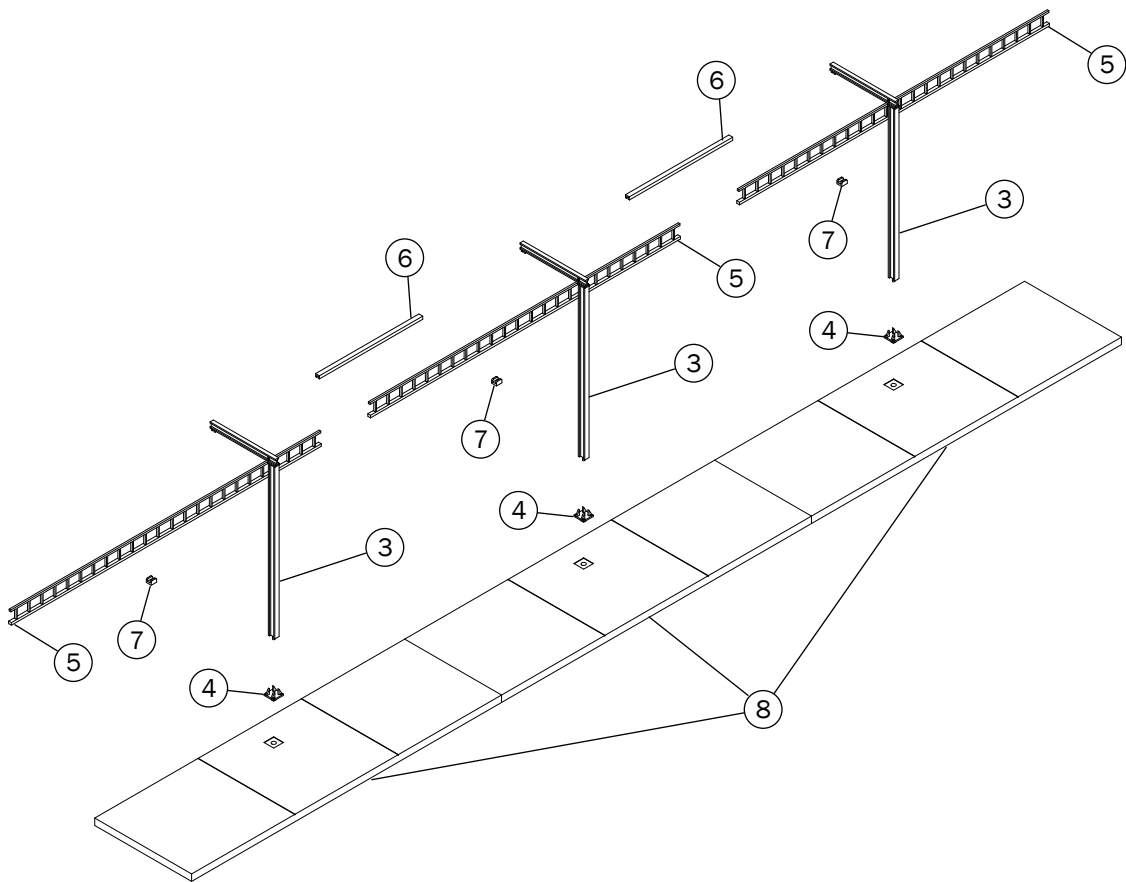
To build the structure using Column B, repeat the same steps as above substituting parts (3) and (4), Column B and Support Base B accordingly.

Square and Round Foundation Versions:

To build the structure using the Square Foundation (9) or Round Foundation (10) begin by assembling the overhead track (5) as described above, gluing the segments end-to-end and gluing the rail joiners (6) in place. Select which style of column you will use and which style of foundation. Glue the columns to the foundations ensuring the columns are plumb.

(NOTE: the “round” foundation is the smaller one and is actually square but features a round support base cast into the part. A separate support base is not necessary when using this foundation.)

Use the large base slabs to determine the distance between columns and mark this on your diorama or layout or, alternatively, on a temporary base which can be covered with scenery after installation. Attaching the overhead rail to the columns will be easier when the columns are in place and secure on a surface. Finish the structure as described above.



PARTS LIST		
P/N	Description	Qty.
1	Column A	3
2	Support Base A	3
3	Column B	3
4	Support Base B	3
5	Overhead Track	6
6	Rail Joiner	4
7	Slide	6
8	Large Base Slab	3
9	Square Cement Foundation (Not Shown)	3
10	Round Cement Foundation (Not Shown)	3

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