

GIRDER BRIDGE

The Girder Bridge may be assembled and used in a number of different ways, two track bases are supplied but on some track arrangements it is only necessary for one base to be used.

Extra long bridges can be made by joining a number of R.657 Girder Bridges together.

4. ASSEMBLY USING ONE BASE

<p>Fig.4a Fit Side Girders to Base</p> <p>Side Girder Base</p>	<p>Fig.4b Fit Pillars to Spigots on Base</p> <p>Turn Pillars to required angle (see Fig.4e)</p>	<p>Fig.4c Fit Top Girder</p> <p>Top Girder – edge view</p> <p>Press Top Girder firmly onto top of Side Girders</p>
<p>Fig.4d Completed Bridge</p>	<p>Fig.4e Alternative Track arrangements under Bridge</p> <p>For crossing single track at an angle turn Pillars to not more than 45°</p> <p>Pillar arrangement for Bridge over double track</p>	

5. ASSEMBLY USING TWO BASES END TO END

<p>Fig.5a Assembly</p> <ol style="list-style-type: none"> (i) Hold Bases end to end (ii) Fit Side Girders – to join Bases (iii) Fit Bridge Pillars (Fig.4b) (iv) Fit Top Girder (Fig.4c) 	<p>Fig.5b Track arrangement under Long Bridge</p>	<p>6. LONG DOUBLE TRACK GIRDER BRIDGE</p> <p>Fig.6 Track arrangement under Bridge</p> <p>Use parts from two R.657 Girder Bridges. (for assembly see Fig.4b, 5a and 7d)</p>
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7. SHORT DOUBLE TRACK GIRDER BRIDGE

<p>A short double track bridge may be constructed by using R.657 Girder Bridge and parts from an R.659 High Level Piers Set.</p> <p>Fit a sleeper clip, from the R.659 Set, to one end of the underside of bridge bases. Note that the hook on the sleeper clip must face towards the near end of the base and fit firmly over the base floor.</p>	<p>Fig.7a Fit one Sleeper Clip to each Base</p> <p>Sleeper Clip Hook Sleeper Clip</p>	<p>Fig.7b Fit Bridge Pillars and High Level Piers</p> <p>Fit High Level Piers into the Clips and Bridge Pillars at the other end of each Base (see Fig.4b)</p>	
<p>Fig.7c Completed Bridge</p> <p>Fit Side Girders (see Fig.4a) and Top Girder</p>	<p>Fig.8 LOW LEVEL VIADUCT</p> <p>Use parts from one R.657</p> <p>and from one R.658, R.659 or R.660</p>	<p>Fig.9 OTHER HORNBY BRIDGES</p> <p>R.180 Brick Viaduct</p> <p>R.189 Brick Bridge</p>	