

The picture of the strange and controversial bridge over the past, the waste of idiots or constructive calculation

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1. The world's first 3D printed pedestrian bridge in Spain
2. Bridge 15,000 tons turned 120 degrees in 3 hours in China



This is a bridge over Raiwind in Lahore, Pakistan, just completed in April 2017, it is rated quite well in terms of quality, but it raises questions about its shape.

Why don't engineers build straight lines to save costs? And this is the answer.

Look at the left side of the photo with a train track. This is the cause of traffic jams when vehicles have to stop for trains to pass. And the overpass was built to solve this problem, of course, it would have to be built in a higher height than the train at a safe distance. But if building a straight bridge with such a height, it will create a fairly large slope.

Therefore, the other loop helps to provide a safe distance between the lower train and the bridge, while lowering the height of the vehicles slowly so that the drivers do not have to face the big slope.



Raiwind's bridge from another perspective.

Some people said that the road on the right side of the bridge seems to be a two-way road with a large traffic density, so the roundabout will help vehicles reduce speed and avoid congestion.

According to some people, this way of building a flyover is an advance calculation to build more commercial rails in the future.

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