

Most SNP Project.



Description.

This spectacular bridge is over the Danube river in Bratislava, Slovakia's capital city and it is the longest bridge in the world with a single pylon and a single plane with cables.

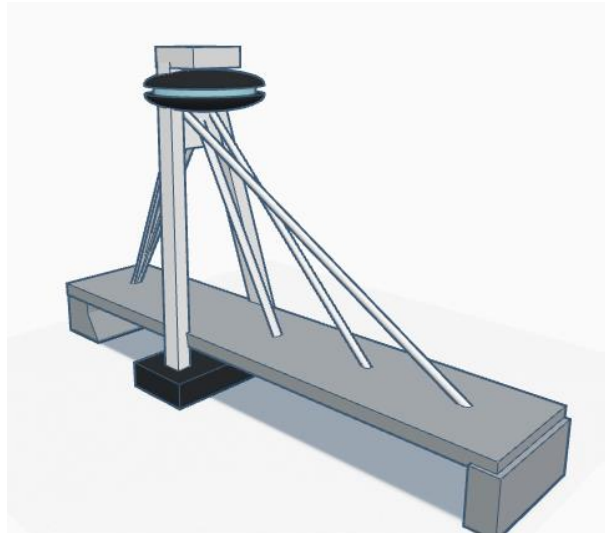
Popularly known as UFO bridge due to the restaurant on the top of it.

It was declared as the Slovakian construction of the 20th century, from its viewpoint we can admire an incredible views of Bratislava city, we can even see Austria.

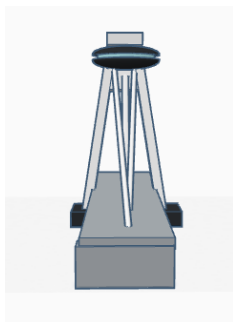
To shape this bridge, we have to take into account its dimensions:

- 430.8 m long.
- 21 m wide.
- 85 m high.

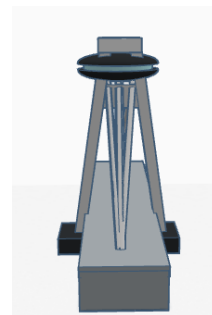
Reference model designed with Tinkercad.



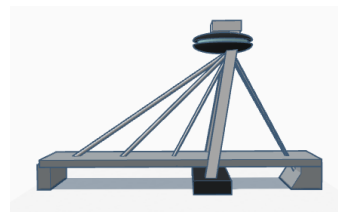
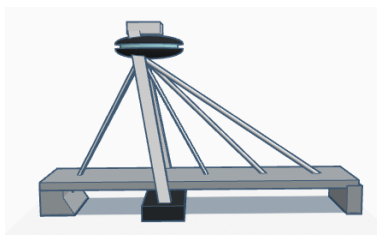
Front view



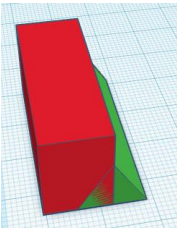
Rear view

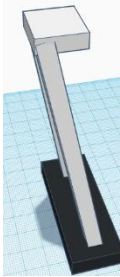
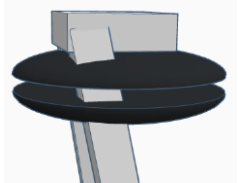

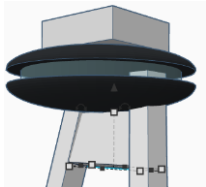
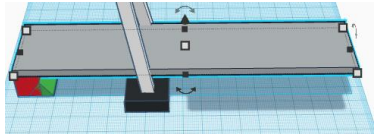
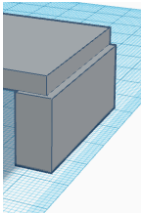
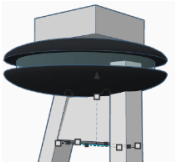


Lateral View

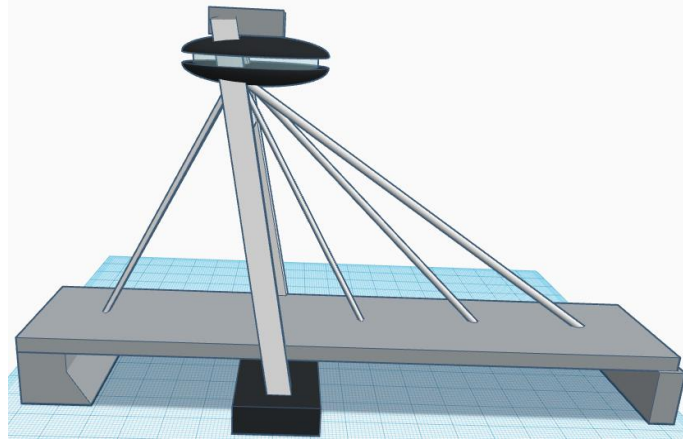


Model features.

3D Object	Size	Image
Cube	23mm wide x 62mm long x 8mm high	
Roof	12.5mm wide x 36mm long x 10mm high	
Cube	12.5mm wide x 36mm long x 17mm high	
Cube x 2	7mm wide x 6mm long x 108mm high	

Cube	18mm wide x 20mm long x 6mm high	
Half Sphere x 2	40mm wide x 40mm long x 4.5mm high	
Cylinder	33mm diameter x 4mm high	
Cube	5mm wide x 20mm long x 5mm high	
Cube	183mm wide x 36.5mm long x 4mm high	
Cube	8mm wide x 37.5mm long x 16mm high	
Cube	5mm wide x 20mm long x 5mm high	

In the end we have to add at least 6 cylinders, that cylinders works as bridge's subjection.



Once we have already finished it is time to give the structure a personal touch, for example you can try to design the environment where the bridge is.