

1. Bridge name:	Jangyin Yangtze River Bridge
2. Location:	China
3. Year opened to traffic:	1999
4. Design: Suspension/Cable stayed etc.	Suspension
5. Type of traffic: Road and/or railway	Road traffic
6. Bridge owner Contact information	Jiangsu Yangtze River Bridge Co.,Limited
7. Bridge operator Contact information If possible concession period	Jiangsu Yangtze River Bridge Co.,Limited
8. Traffic: Average Annual Daily Traffic-AADT (Both directions) year 2015: Max. recorded daily traffic (2015): Max. recorded traffic per hour per direction (2015): Percentage of trucks Collisions Statistics	76,824 (Total year 2015: 28,040,760)  140,404 8,542 24.23 pcs. 1,804
9. Number of road lanes per direction Number of rail lanes per direction  Pedestrian Y/N Cyclist Y/N Emergency lane Y/N Other: _____  Road wearing surface type	3 0  N N Y  Double layer of epoxy asphalt concrete pavement .55mm
10. Total length of the bridge  Main span  Approach span	3071m  1385m  1518m/168m
11. Type and height of pylon/Towers	Reinforced concrete Height: North Tower:183.85meters South Tower: 186.85meters
12. Type of girder Height and width	Steel

	<p>Steel Box Girder</p> <p>Suspension span: H= 3 metres B= 36.9 metres</p> <p>Approach span: H= 3 metres B= 33.8 metres</p>
13. Type of foundation	Pile Foundation
14. Sea depth at main span	50~55 metres
15. Vessel navigation channel Width Clearance for vessels	700 metres
16. Vessel/Ship traffic (annual traffic in 2015)	
17. Cable structure:  Type, dimension etc. of main cable/stay cable  Type, dimension etc. of hangers  Is the cable structure dehumidified If so, established year	<p>parallel wire(5.35mm)</p> <p>Dehumidified (2014)</p>
18. Expansion joints: Number Type Product	<p>2</p> <p>DS2000</p> <p>Maurer</p>
19. Bearings: Number  Type  Product	<p>2 vertical bearings on each tower. Total 4 2 wind-resistant support on each tower. Total 4</p> <p>vertical bearings: compressive resistance 3.4MN;tensile resistance 1.2MN wind-resistant support: compressive resistance 2.4MN</p> <p>Kvaerner Cleveland Bridge, England</p>
20. Extent of inspection and frequency, main cable inspection frequency, and means of access	<p>One main cable inspection platform</p> <p>One truss vehicle for steel box girder</p>
21. Means of funding bridge construction and ongoing costs	Tax from the toll station

Photo 1:



Description

Jangyin Yangtze River Bridge