

1. Bridge name:	Mackinac Bridge
2. Location:	Michigan, USA
3. Year opened to traffic:	1957
4. Design: Suspension/Cable stayed etc.	Suspension
5. Type of traffic: Road and/or railway	Road
6. Bridge owner Contact information	State of Michigan N415 I 75 St. Ignace, MI 49781 Robert Sweeney: sweeneyb@michigan.gov
7. Bridge operator Contact information If possible concession period	Mackinac Bridge Authority N415 I 75 St. Ignace, MI 49781 Robert Sweeney: sweeneyb@michigan.gov
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	10000 24,697 1750 7% Not available
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	2 0 N N N Asphalt approx. 1.5 inch average
10. Total length of the bridge Main span Approach span	19205.50 feet 3800 feet center span, 1800 feet each side span 6283 feet south approach 4310 feet north approach
11. Type and height of pylon/Towers	Steel Height 552 feet above the water surface

12. Type of girder Height and width	Steel truss 38 feet high, 68 feet wide
13. Type of foundation	Concrete on bedrock
14. Sea depth at main span	295 feet
15. Vessel navigation channel Width Clearance for vessels	3000 feet 155 feet
16. Vessel/Ship traffic (annual traffic in 2015)	unknown
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	Parrallel wire (0.196 inch) in 37 strands Diameter 24.5 inch 2.25 inch diameter, 6 strand wire rope No dehumidification
18. Expansion joints: Number Type Product	17 total for suspended and approach spans Finger
19. Bearings: Number Type Product	Many in entire bridge Rocker mostly, some sliding in smaller spans
20. Extent of inspection and frequency, main cable inspection frequency, and means of access	Annual Inspection Biennial fracture critical inspection Underwater inspection every 5 years In-depth cable inspection scheduled every 10 years. Access is by custom built platform.
21. Means of funding bridge construction and ongoing costs	Toll funding only
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23.	
24.	

Photo 1:	Description – Mackinac Bridge suspended spans looking south.
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Website:

<http://www.mackinacbridge.org/>

Other comments: