Millau Viaduct

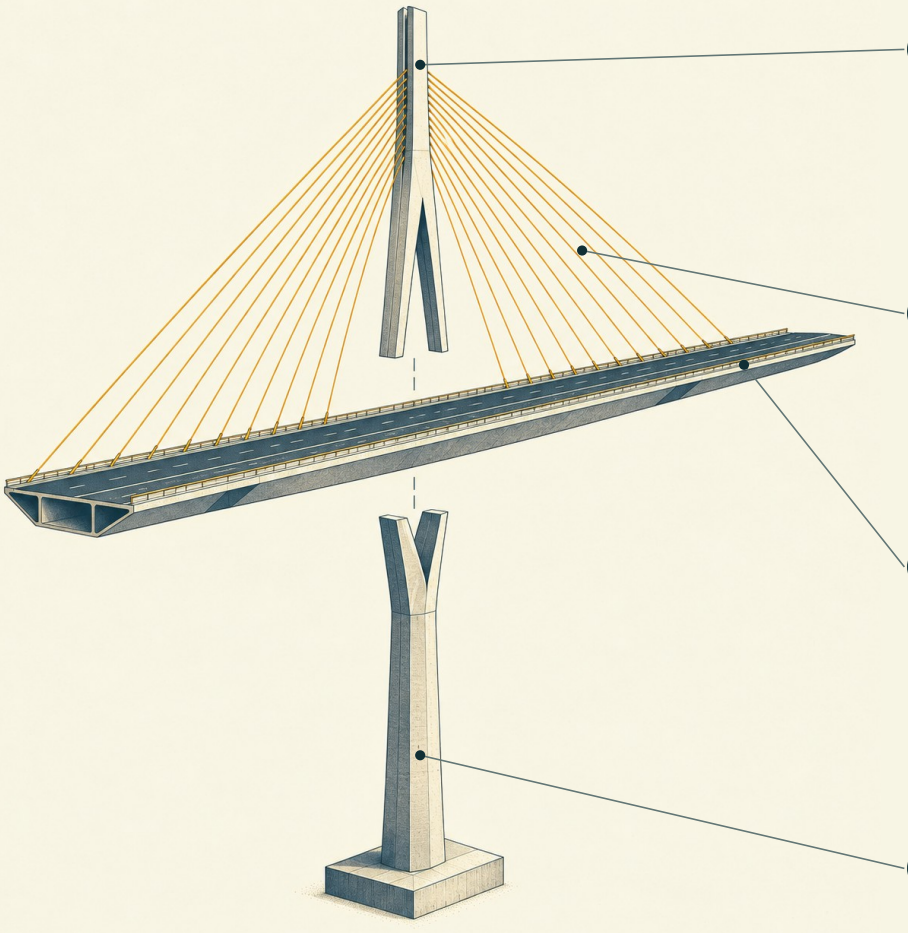
A CABLE-STAYED CROSSING OF THE TARN

2,460 m
TOTAL BRIDGE LENGTH

343 m
MAXIMUM STRUCTURAL HEIGHT

7
CONCRETE PIERS

FIG. 01 / EXPLODED CONCEPT STUDY NOT TO SCALE



1 **Pylon**
The tower above the roadway anchors the upper ends of the stays.

2 **Cable stays**
Tensioned cables support the deck on either side of each pylon.

3 **Steel deck**
The shallow steel box carries the roadway between the piers.

4 **Concrete pier**
Each pier carries loads from the crossing down to its foundations.

DEC 2004 The viaduct opened across the Tarn valley in southern France. Sources Eiffage Métal