

ENGINEERING STRUCTURE

NAME: The CN Tower, Toronto, Canada

TYPE: Concrete communications and observation tower

HISTORY

- construction from 1973-1976 (1)

FEATURES

- special wind dampers used to reduce vibration danger (2)
- 553.33 meters tall (1)

SIGNIFICANCE

- tallest free-standing structure in world when built, 9th tallest now (3)

COST

- 63 million Canadian dollars (1)

REFERENCES

1. Anon. (2019, May 15). CN Tower. *Wikipedia*. Retrieved May 22, 2019, from https://en.wikipedia.org/wiki/CN_Tower
2. Kawaguchi, A., Teramura, A., Omote, Y. (1992). Time history response of a tall building with a tuned mass damper under wind force. *Journal of Wind Engineering and Industrial Aerodynamics*, 43, 1949-196.
3. Greene, M. (2004). *Building World Landmarks - The CN Tower*. Mason, OH. Blackbirch Press.