WELCOME TO THE STRUCTURAL ENGINEERING TESTING LAB

University of Windsor

The Structural Engineering Testing Lab at the University of Windsor:

- The largest structural engineering lab among all Canadian universities
- Total area of the lab is about 700 m^2
- Total strong floor area is about 600 m^2 for applying tension and/or compression gravity load
- Two strong walls at right angles for application of tension and/or compression lateral loads
- Each strong wall is 11 m tall and 5.7 m long
- Ceiling height is about 14 m
- A 20-ton capacity overhead crane
- A 5-ton capacity forklift
- Two access doors for easy entry and easy exit of large flatbed and transport trucks
- Outside fenced storage area of 100 m^2
- One very large loading frame for testing large structural specimens like bridge deck, beam, wall etc.
- One small loading frame for testing medium structural testing specimens
- MTS made fatigue testing actuator
- Loading jacks with various capacities
- Several MTS made stand-alone universal material testing loading systems

To learn more about how you can get involved with the Structural Engineering Testing Lab, contact: Dr. Sreekanta Das of the Department of Civil And Environmental Engineering by email at sdas@uwindsor.ca or call 519.253.3000 ext. 2507.