

**Our Physical Environment, Our Choices?:**  
**A comparison of urban design and pedestrian patterns along Kingston's Princess Street**  
*by Phillip Prell, April 2018*

**Executive Summary**

**Report introduction:**

The connection between the physical environment and pedestrian movements is frequently noted by urban designers. The physical environment can be assessed in relation to pedestrian activity in numerous ways. Among the most important are the urban designs of buildings and surrounding cityscape. This report seeks to compare the physical streetscape and pedestrian movements by focusing on Kingston, Ontario's main downtown street, Princess Street. Two blocks with different urban designs were compared and pedestrian movements were assessed.

**The site:**

(Fig. 1.2) Images of both Blocks from Google Earth:  
East Block

West Block

*Block Figure Description:*

The purple line denotes the edge of the sidewalk during 2017 observations.

**Methods of assessment:**

To assess the pedestrian movements on these two b

Ewing and Clemente's assessment tools were used to consider which block had a higher quality urban design

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Findings:

- The data show that the