



## New York City Pedestrian Level of Service Study - Phase I, 2006

### Overview:











The objectives of this study are to evaluate the Highway Capacity Manual (HCM) pedestrian level of service (LOS) methodology in terms of its suitability for pedestrian planning in New York City, to compile a pedestrian characteristics database, and to make recommendations for changes in pedestrian LOS analysis in New York City.

The HCM, published by the Transportation Research Board, is the definitive document for the measurement of LOS on American transportation facilities. The pedestrian LOS as defined and calculated in the HCM has advantages in providing a standardized method for pedestrian analysis in the United States. The HCM provides clear instruction as to what kinds of data need to be collected and how it is to be collected, and LOS is straightforward to calculate.

This report serves as the first step in recommending an improved HCM pedestrian LOS methodology. With the preliminary data compiled and analyzed, the document was reviewed by a Technical Advisory Committee consisting of interested transportation academics and professionals. Subsequently, the project team will seek academic and industry partnerships in carrying out the next phase of the project, which will include further data collection and analysis. The final report will then be presented to the Transportation Research Board for review.


### Report:

The report is available as one [complete document](#) (  3.2 mb) or by chapters in PDF format:

- [Cover and Table of Contents](#) (  1.4 mb)
- [Executive Summary](#) (  59 k)
- [Chapter 1: Introduction](#) (  142 k)
- [Chapter 2: Current HCM Methodology](#) (  4.8 mb)
- [Chapter 3: Literature Review](#) (  141 mb)
- [Chapter 4: Methodology Design](#) (  1.5 mb)
- [Chapter 5: Data Summary and Analysis](#) (  1.61 mb)
- [Chapter 6: Findings and Future Research](#) (  89 k)
- [References and Appendices](#) (  1.5 mb)

## Related Notes

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-  Items accompanied by this symbol require the [free Adobe Acrobat Reader](#).