Notes on Pedestrian Level of Service Analysis

General:

* It would be very helpful if the various street layers (speedlimit, number of lanes, etc) had a common field for joining attributes. SEG\_ID from the MCGIS streets dataset should work, and would make it easier to compare with Bloomington & County data as a bonus
* Sidewalk width would be a useful attribute for future pedestrian level of service measurements, and for other studies of walkability and pedestrian comfort. The difference between a standard narrow sidewalk and one where two people can walk side-by-side is huge.

Intersection/Crossing Analysis:

* The segment analysis feels incomplete without a complementary look at street crossings. Unfortunately, with the provided datasets, I don't think this is achievable. Here is what I think would help an analyst complete this task:
* **Street crossing line segments incorporated in the sidewalks layer**
  + They could be distinguished from actual 'sidewalks' with a Boolean or integer field
  + Ideally, the crossing segments would have attributes identifying presence of a signal/stop sign, speed limit of the roadway, number of lanes of traffic, and whether the crosswalk has visible markings or not.
    - An analyst can create some of this data with spatial joins, however
  + As a bonus, this would enable network analysis of the sidewalk dataset
  + The provided 'crosswalk' layer is not useful for this task, because it represents the physical markings on the street rather than the connection between sidewalks