

Characteristic data		Range	Rating Points	Description of Characteristic data	
Pedestrian Comfort Index (PCI)					
Pedestrian level of Service A+			Dedicated pedestrian facility (separated or buffered more than 4' from the roadway/5' minimum width pedestrian facility) - good for all pedestrian travel (assumes mostly ADA compliance)		
Pedestrian Level of Service A	5.0-4.0		Excellent facilities - good for all pedestrians (assume mostly ADA compliant)		
Pedestrian Level of Service B	3.99-3.0				
Pedestrian Level of Service C	2.99-2.0		Good Accommodation- Good accomodations for most pedestrian travel (may have some issues with with ADA mobility)		
Pedestrian Level of Service D	1.99-1.0				
Pedestrian Level of Service E	.99 and below		Minimal Accommodation - Very little accommodations for pedestrian travel (may have some issues with with ADA mobility)		
Primary Factor to Include					
Average Daily Traffic (ADT)	0-2000	4	ADT is the volume of traffic on each segment of roadway and is a useful measurement of how busy a road is. (1)		
	2001-3000	3			
	3001-5000	2			
	greater than 5000	1			
Speed	Miles per hour		Speed used is the highest posted speed limit in a segment. (2 & 4)		
	25 and less	4			
	35	3			
	45	2			
	55 and greater	1			
Facility	Pedestrian facility		Constructed pedestrian facility 4' minimum width (2' or less buffer from travel lane)		
	2' buffer with curb	4			
	2' buffer without curb	3			
	1' or less buffer with Curb	2			
	1' or less buffer without curb	1			
	No pedestrian facility	0			
Secondary Factors to Include					
Heavy Vehicle (HV) ADT	Trucks per day		HV is the number of heavy vehicles and is defined in the 2010 Highway Capacity Manual (3).		
	Less than 150	0			
	Greater than 150	-1			
Paved Shoulder (PS)	less than 4'	0	Width of paved shoulder (2 &4))		
	greater than 4'	1			
Buffer Space (BS)	No	0	Presence of a buffere space between travel lane and pedestrian space with on-street parking or bike lanes		
	Yes	1			
Formula	PCI = (ADT x .25) + (Speed x .25) + (Facility x .25) + (HV + PS + BS) / Value range is 5.0 to -.50				
Sources:					
(1) The data collected from KYTC and available via map or download to excel. http://maps.kytc.ky.gov/photolog/?config=TrafficCounts					
(2) KYTC interactive map displays the most recent photographs taken of many state-maintained highways for a particular location or viewed as “driven” from a specified point on the map. This is used to note posted speed limit signs. http://maps.kytc.ky.gov/photolog/?config=TrafficCounts					
(3) These KYTC interactive maps show roadways where heavy trucks operate, as defined in the 2010 Highway Capacity Manual. KYTC will provide specific ADT if needed. http://datamart.business.transportation.ky.gov/EDSB_SOLUTIONS/CTS/ or https://transportation.ky.gov/Planning/Documents/Forecast%20Report%204-25-08_dah.pdf					
(4) Google Street View / https://www.google.com/maps/					