

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 accommodations 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)	
<b>Primary Factor to Include</b>				
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		
<b>Secondary Factors to Include</b>				
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		
Additional 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			
<b>Sources:</b>				
(1) The data collected from KYTC and available via map or download to excel. <a href="http://maps.kytc.ky.gov/photolog/?config=TrafficCounts">http://maps.kytc.ky.gov/photolog/?config=TrafficCounts</a>				
(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. <a href="http://maps.kytc.ky.gov/photolog/?config=TrafficCounts">http://maps.kytc.ky.gov/photolog/?config=TrafficCounts</a>				
(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.				
(4) Google Street View / <a href="https://www.google.com/maps/">https://www.google.com/maps/</a>				