

| Characteristic data | Range | Rating Points | Description of Characteristic data |
|--|-----------------------|---------------|---|
| Bicyclists Comfort Index (BCI) | | | (ADT*.25) + (Speed*.25) + (CRF*.25) + (HV*.25) + Shoulder Type = (BLOS) |
| Bicycle level of Service A+ | | | <u>Dedicated bicycle facility</u> (separated or buffered) - good for most cyclists |
| Bicycle Level of Service A | 3-2.5 | | <u>Excellent facilities</u> - good for most cyclist 16 years or older with a valid drivers license. |
| Bicycle Level of Service B | 2.49-2.0 | | |
| Bicycle Level of Service C | 1.99-1.5 | | <u>Good facilities</u> - experienced cyclist 16 years or older with a valid drivers license. |
| Bicycle Level of Service D | 1.49-1.0 | | |
| Bicycle Level of Service E | .99 and below | | <u>Minimal facilities</u> - advanced cyclist 16 years or older with a valid drivers license and with many years of on-road cycling experience. |
| | | | |
| 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) |
| | 25 and less | 4 | |
| | 35 | 3 | |
| | 45 | 2 | |
| | 55 and greater | 1 | |
| | | | |
| Critical Rate Factor(CRF) | | | CRF is calculated for each route segment. Projected number estimates crashes per million vehicle miles traveled on that segment and the highest |
| | 0 | 4 | low crash rate |
| | 0-.999 | 3 | |
| | 1-1.999 | 2 | |
| | 2 or greater | 1 | high crash rate |
| | | | |
| Heavy Vehicle 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 8' | 0 | Width of shoulder including the milled rumble strip (added to BCI when ADT is over 5,000) |
| | greater than 8' | 1 | |
| | | | |
| Bike Lanes (Urban) | No Bike Lane | 0 | Presence of a bike lane on this route |
| | Bike Lane | 1 | |
| Sources: | | | |
| (1) The data collected from KYTC and available via map or download to excel: http://maps.kytc.ky.gov/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 speed limit signs. http://maps.kytc.ky.gov/photolog/ | | | |
| (3) These KYTC interactive maps shows roadways where heavy trucks operate. As defined in the 2010 Highway Capacity Manual. KYTC will provide specific ADT if needed. http://transportation.ky.gov/Planning/Pages/National-Truck-Network.aspx & http://transportation.ky.gov/Planning/Pages/Coal-Haul.aspx | | | |
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