

West Asheville- Haywood Road Pedestrian Count

Time Period: Friday, December 12, 2014 12:00 A.M. – Friday, December 19, 2014 12:00 A.M.

Location: West Asheville, on the north sidewalk of Haywood Road (US-23 B), west of Herron Avenue, east of Vermont Avenue, just outside of West End Bakery.



(Image: Google Maps)

Equipment: EcoCounter Pyro Counter

The Pyro Counter is able to count bicyclists, pedestrians, skateboarders, rollerbladers, or anyone who passes within approximately 16.5 feet of the equipment. However, the device is unable to differentiate between the different users and simply counts them as general users.

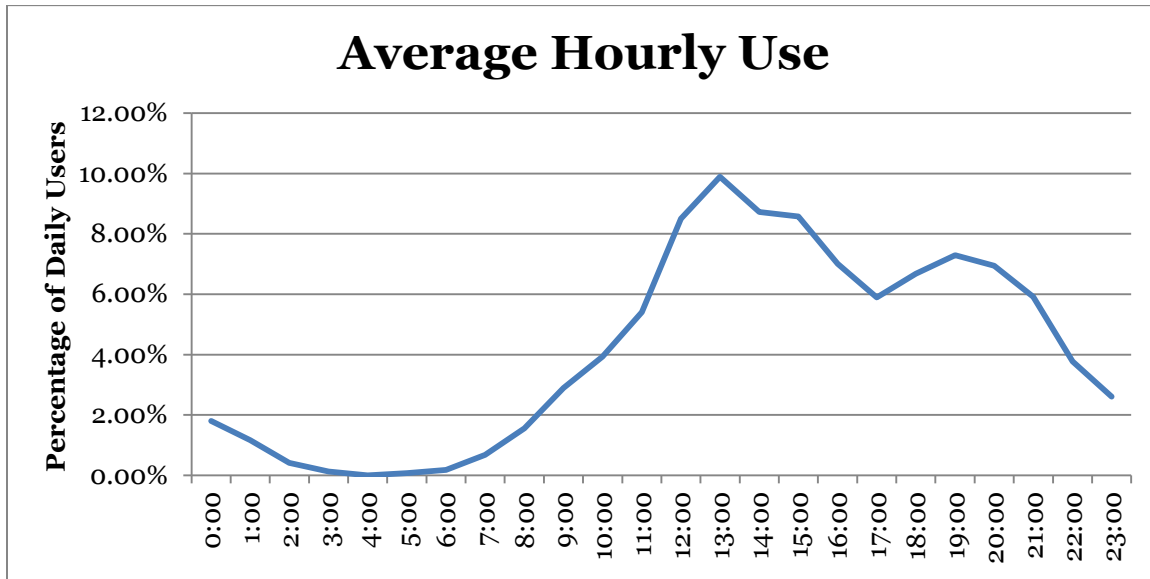
Possible sources of error include facility-users walking side-by-side or very close to each other; this is likely to include people walking or running side-by-side, children being held by a parent or walking along side of them, or dense groups of users. It is unclear how many users are likely to have been missed due to these circumstances and there has been no effort to make up for this likely discrepancy.

Results

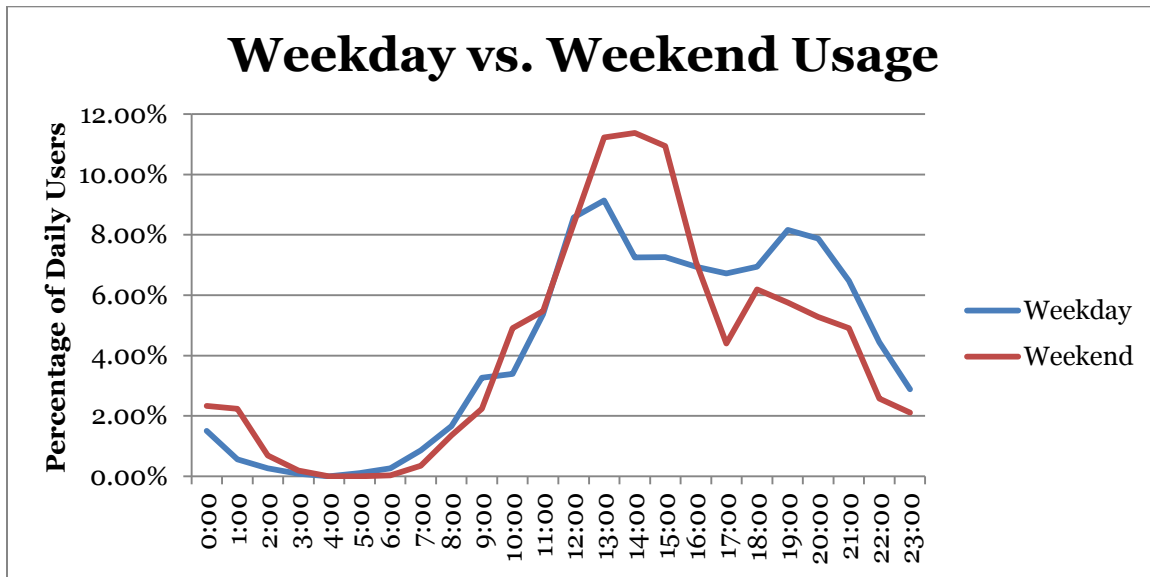
Total Users	8,881
Users/Hour	52.9
Peak 24-Hour Usage	1,857
Peak Day	Saturday, December 13th
Peak 2-Hour Period	362
Peak 2-Hour Day & Time	1:00 – 3:00 P.M. Saturday, December 13th

Patterns of Use

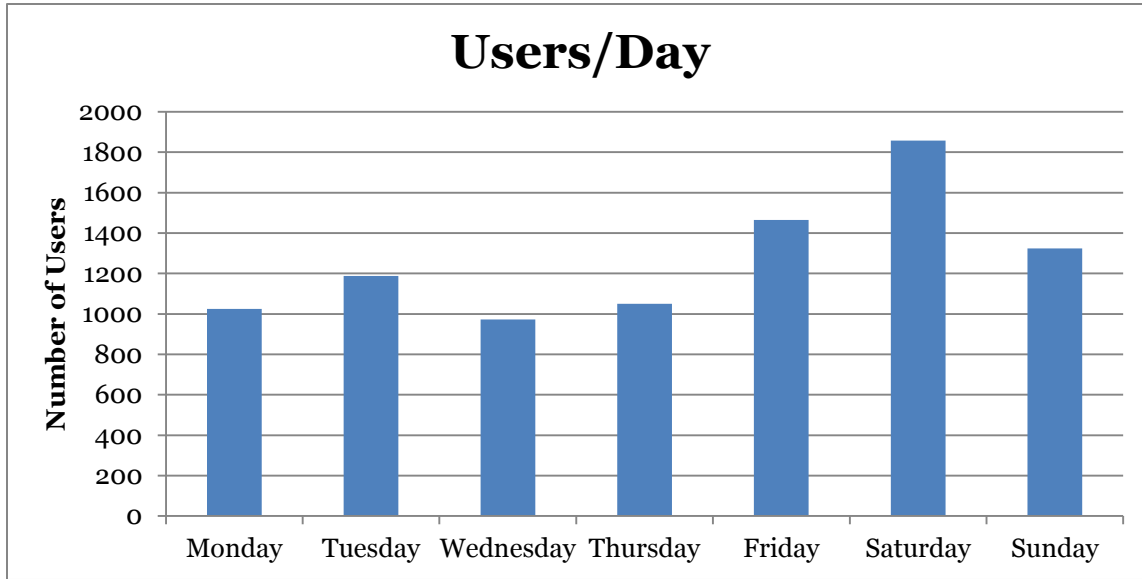
The following chart illustrates the average use of the sidewalk on Haywood Road. This includes both weekday and weekend data and has greater weekday representation.



The second chart illustrates the different pattern of usage between the weekday and weekend.



The third chart shows users/day.



Notes

The weather was about average for this time of year. Highs were usually in the 50s with lows in the high 20s/low 30s, with a slight variation on Tuesday, December 16th with a low of 23 degrees and Wednesday, December 17th, with a high of 64 degrees. Very minor precipitation (.01 in) occurred on Tuesday, December 16th and Wednesday, December 17th.