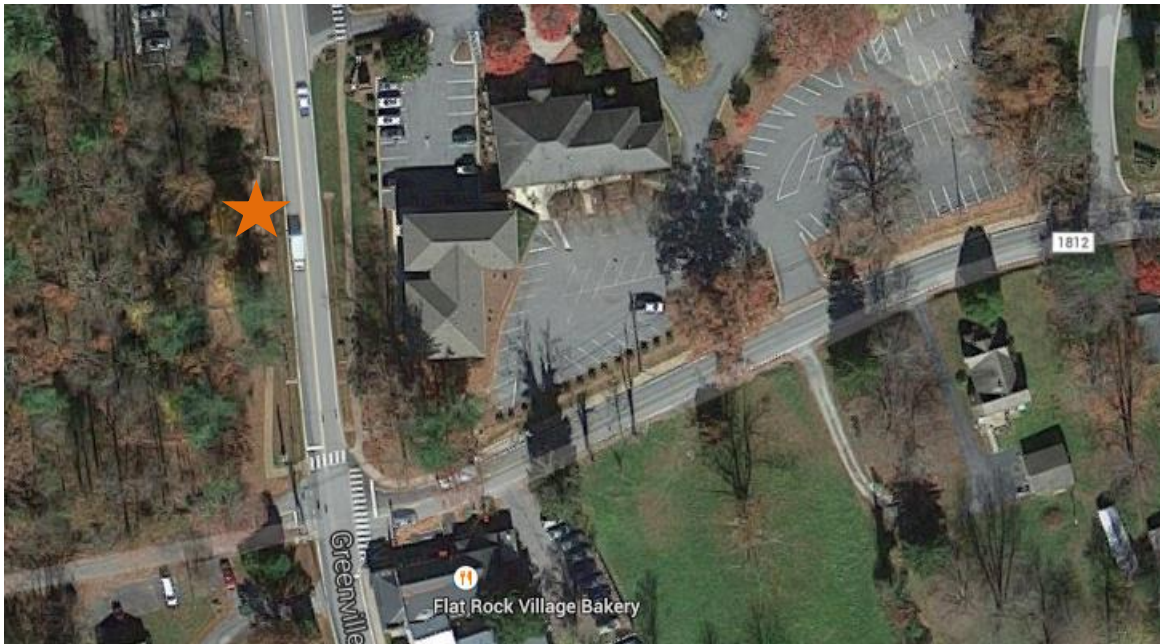


Flat Rock Pedestrian Count

Time Period: Saturday, March 21, 2015 12:00 A.M. – Saturday, March 28, 2015 12:00 A.M.

Location: On the western sidewalk, about 200 feet north of the intersection of NC-225 (Greenville Highway) and Blue Ridge Road.



(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.

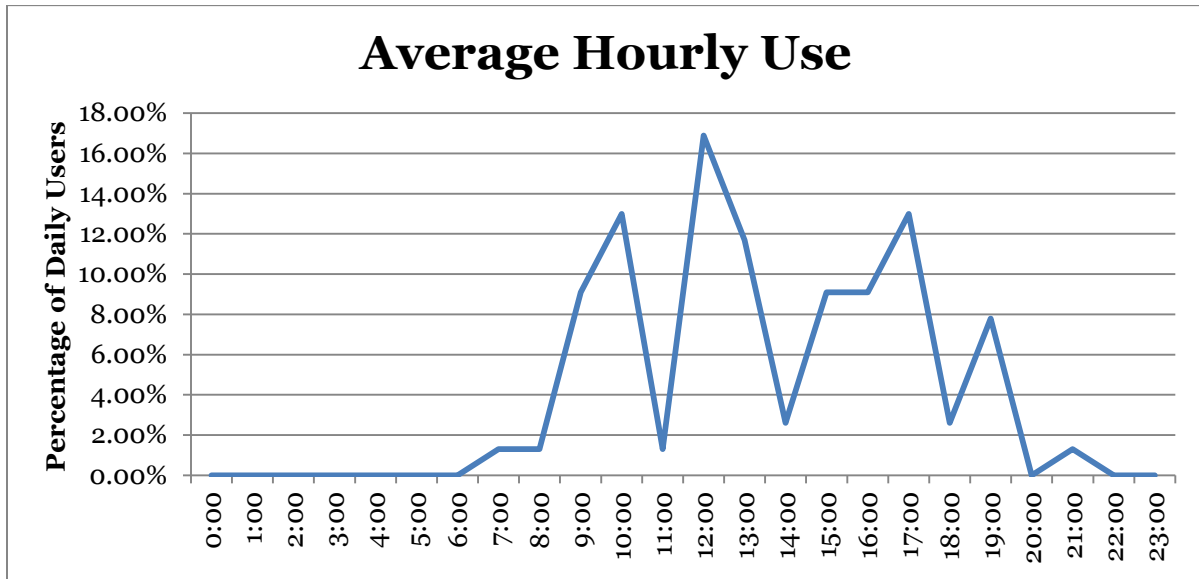
Possible sources of error include facility-users walking side-by-side or very close to each other; this is likely to include people walking or running side-by-side, children being held by a parent or walking along side of them, or dense groups of users. It is unclear how many users are likely to have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

Results

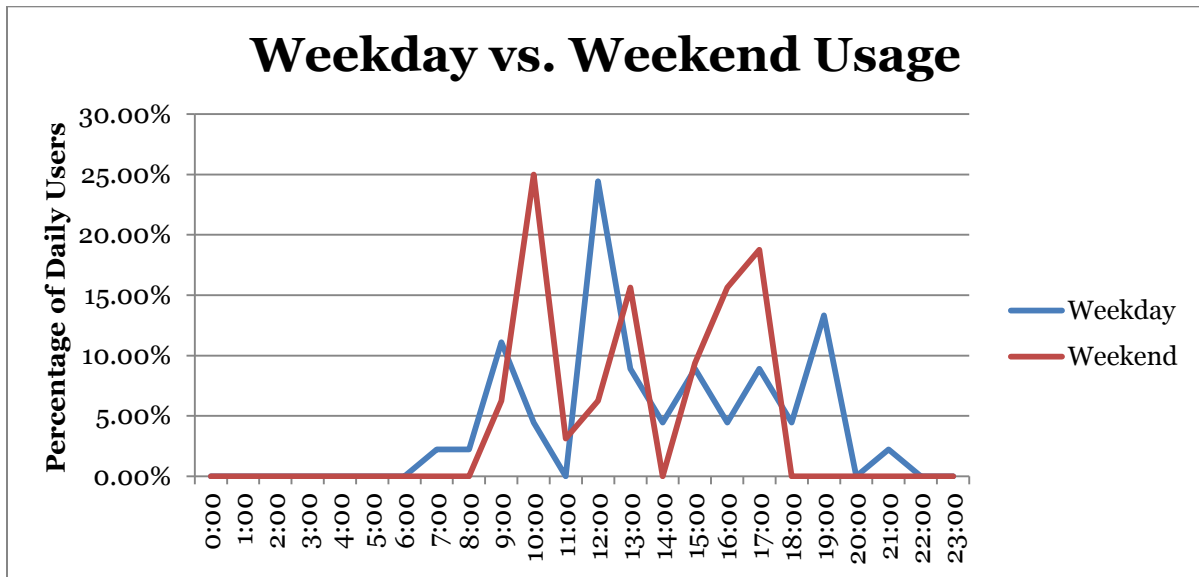
Total Users	77
Users/Hour	0.5
Peak 24-Hour Usage	19
Peak Day	Saturday, March 21 st
Peak 2-Hour Period	7
Peak 2-Hour Day & Time	4:00 – 6:00 P.M. Sunday, March 22 nd

Patterns of Use

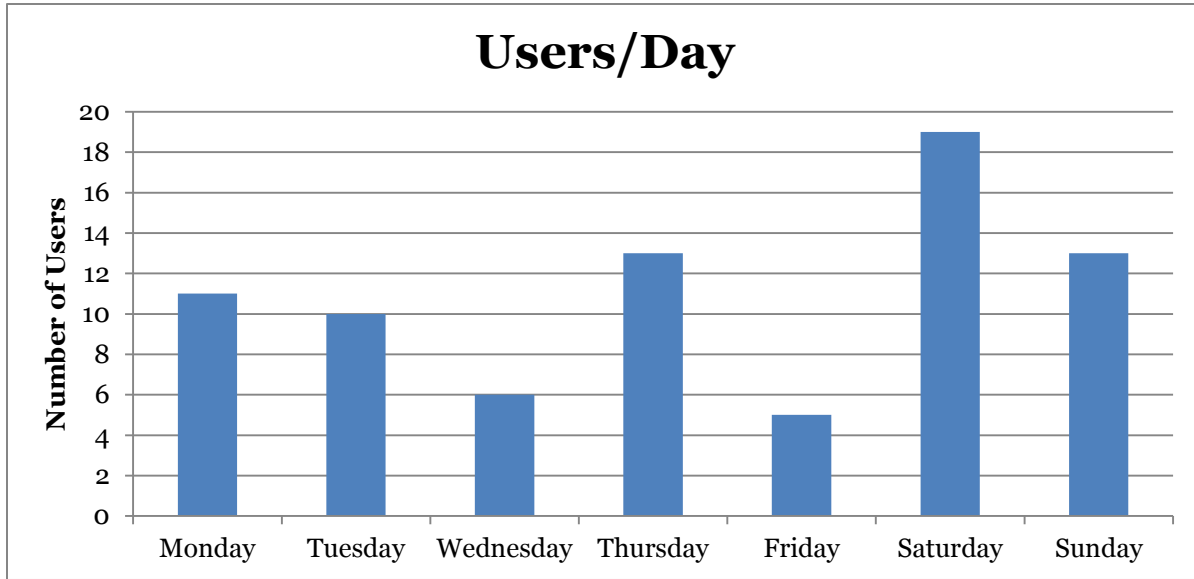
The following chart illustrates the average use of the sidewalk at the count location. This includes both weekday and weekend data and has greater weekday representation.



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



The third chart shows users/day.



Notes

The weather was fairly constant between 3/21 and 3/25, with highs in the 60s and lows in the 40s. Thursday, 3/26 was warmer with highs in the 70s and lows in the 50s. Friday, 3/27 was much colder with highs in the low 50s and lows in the low 30s. Significant precipitation occurred on 3/22, 3/23, 3/25, 3/26, and 3/27. Precipitation events never exceeded 0.15 inches but snow did occur on Friday, 3/27.