

## French Broad River Greenway East Pedestrian Count

**Time Period:** 6 weeks (42 days) between Wednesday, October 21, 2020 – Wednesday, December 2, 2020

**Location:** Newly completed section of greenway near the Riverside Dr/Lyman St roundabout

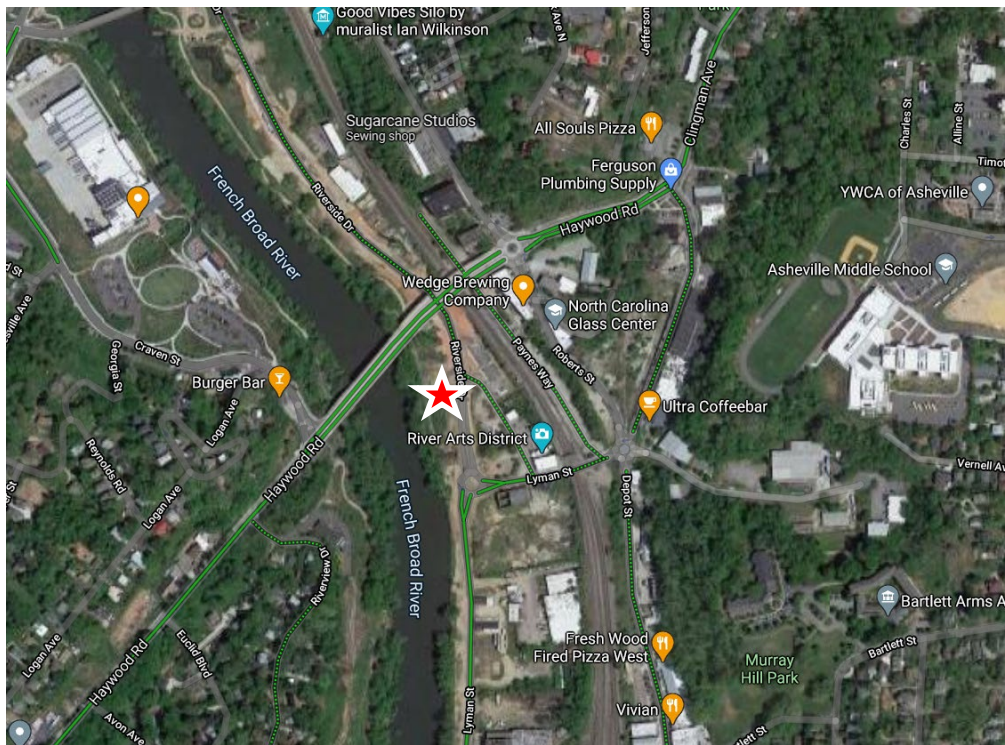


Image: Google Maps

### Results

<b>Total Users</b>	<b>29,944</b>
<b>Users per Day (average)</b>	<b>713</b>
<b>Users per Hour (average)</b>	<b>30</b>
<b>Peak Day (24 hour usage)</b>	<b>Saturday, November 21<sup>st</sup> (1,209)</b>
<b>Peak 2-Hour Period (average)</b>	<b>12:00pm – 2:00pm</b>
<b>Minimum Day (24 hour usage)</b>	<b>Monday, November 30<sup>th</sup> (489)</b>



Image: FBRMPO

## Equipment: *Eco-Counter 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. The counter is bi-directional and accounts for users in both directions.

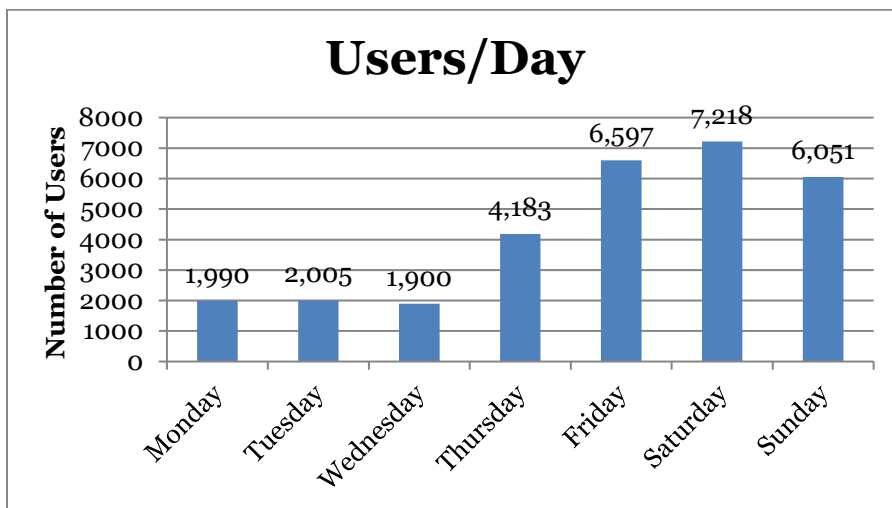
Possible sources of error include facility-users walking side-by-side or very close to each other; this is likely to include people walking or running side-by-side, children being held by a parent or walking along side of them, or dense groups of users. It is unclear how many users are likely to have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

## Patterns of Use

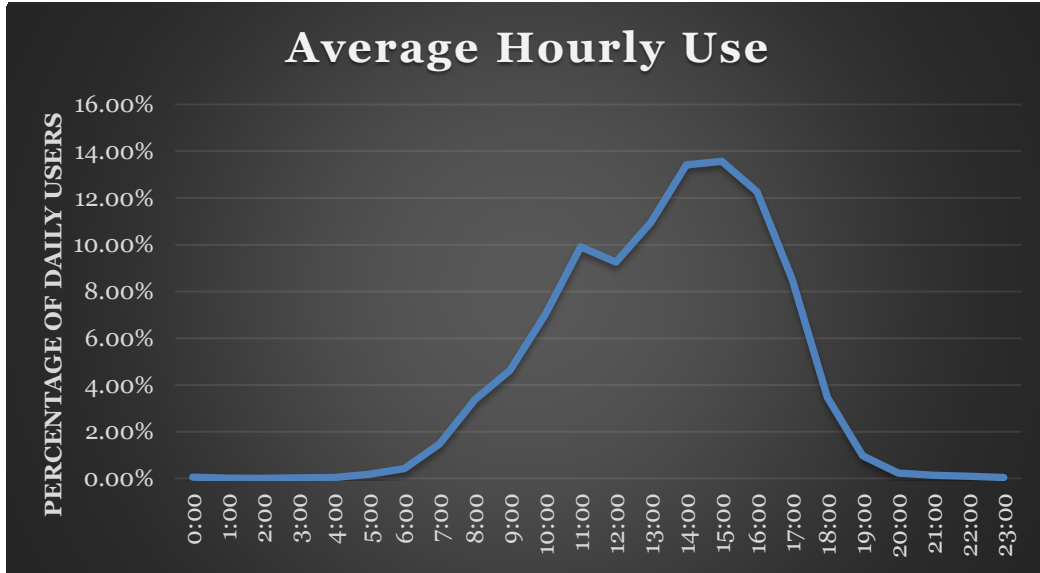
This section of multi-use path was completed in 2020 as part of the RADTIP. Parallel to this section is a dedicated cycle-track whose users would not be accounted for in this report.

The first chart shows users/day. It is clear the weekends saw the highest use, with Saturday being the peak day

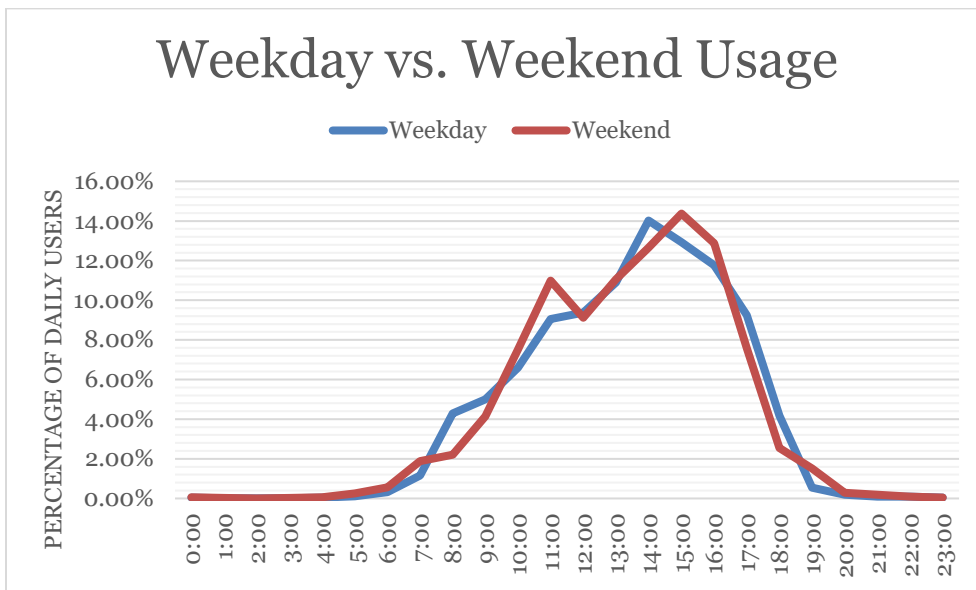
and Wednesday having the least users.



The following chart illustrates the average count share by time of day (24 hour clock time). This includes both weekday and weekend data. The peak time, on average, is between 2:00pm-4:00pm with around 13% of users utilizing the greenway at that time.



This chart illustrates the different pattern of usage between the weekday and weekend. Both times seem to have similar patterns of users on the greenway, which may be attributable to milder weather occurring in November and shorter daylight hours.



# Weather and Notes

October 2020

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			21 Mostly Sunny Actual: 78°   51° 0 in	22 Cloudy Actual: 76°   53° 0 in	23 Cloudy Actual: 76°   55° 0 in	24 Foggy Actual: 76°   54° 0.02 in
25 Cloudy Actual: 68°   58° 0.64 in	26 Cloudy Actual: 72°   57° 0.09 in	27 Foggy Actual: 76°   56° 0 in	28 Cloudy Actual: 67°   59° 0.01 in	29 Scattered Showers Actual: 81°   63° 2.95 in	30 Cloudy Actual: 58°   44° 0.31 in	31 Cloudy Actual: 54°   36° 0 in

November 2020 – Highest count day outlined

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 Scattered Showers Actual: 67°   40° 0.16 in	2 Mostly Sunny Actual: 49°   31° 0 in	3 Mostly Sunny Actual: 61°   30° 0 in	4 Mostly Sunny Actual: 65°   32° 0 in	5 Mostly Sunny Actual: 65°   34° 0 in	6 Mostly Sunny Actual: 69°   39° 0 in	7 Cloudy Actual: 66°   43° 0 in
8	9 Cloudy Actual: 70°   56° 0 in	10 Cloudy Actual: 66°   59° 0.02 in	11 Scattered Showers Actual: 72°   64° 0.75 in	12 Cloudy Actual: 72°   59° 1.17 in	13 Mostly Sunny Actual: 68°   45° 0 in	14 Mostly Sunny Actual: 64°   38° 0 in
15 Cloudy Actual: 67°   47° 0 in	16 Mostly Sunny Actual: 55°   34° 0 in	17 Mostly Sunny Actual: 53°   29° 0 in	18 Mostly Sunny Actual: 53°   30° 0 in	19 Mostly Sunny Actual: 57°   28° 0 in	20 Mostly Sunny Actual: 68°   30° 0 in	21 Mostly Sunny Actual: 69°   35° 0 in
22 Mostly Cloudy Actual: 64°   38° 0 in	23 Mostly Sunny Actual: 52°   36° 0.01 in	24 Mostly Sunny Actual: 50°   28° 0 in	25 Cloudy Actual: 54°   42° 0 in	26 Foggy Actual: 69°   43° 0.59 in	27 Foggy Actual: 63°   33° 0 in	28 Mostly Sunny Actual: 62°   38° 0.03 in
29 Scattered Showers Actual: 54°   34° 0 in	30 Cloudy Actual: 47°   32° 0.86 in	1 Cloudy Actual: 36°   26° 0.05 in	2 Mostly Sunny Actual: 47°   25° 0 in	3 Mostly Sunny Actual: 58°   21° 0 in	4 Cloudy Actual: 54°   43° 0 in	5 Mostly Sunny Actual: 48°   34° 0.71 in

Source: Weather Underground