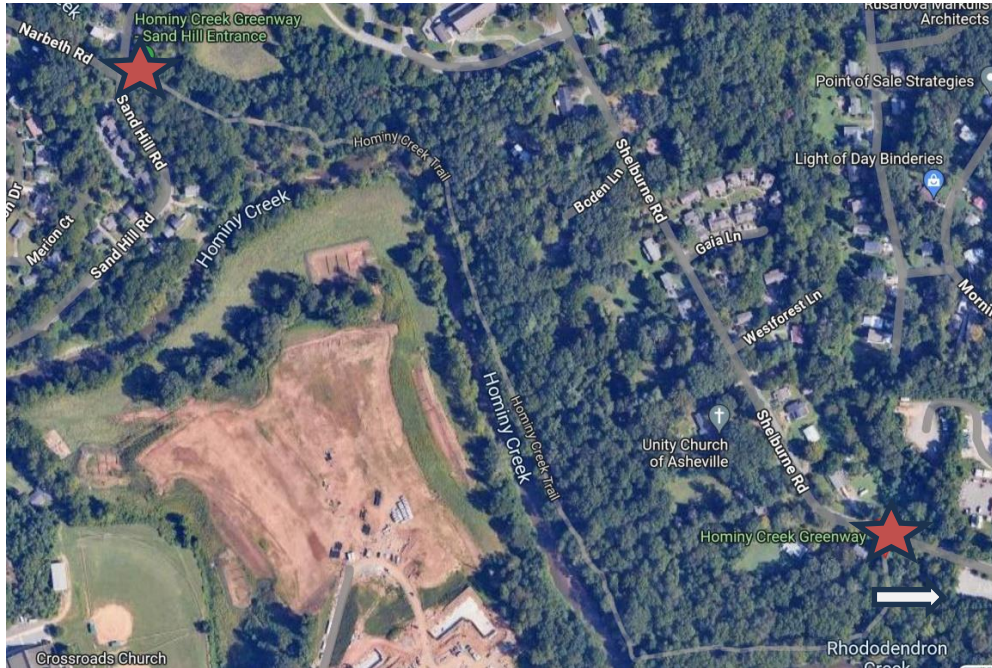


# Asheville – Hominy Creek Greenway Pedestrian Count

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**Time Period:** Tuesday, May 21, 2024, to Monday, May 27, 2024 (Memorial Day.)

**Location:** Hominy Creek Greenway, at Sand Hill Road and at Shelburne Road.



(Image: Google Maps)

**Equipment:** EcoCounter Pyro Counter. Placed 5/20/2024 and retrieved 5/30/2024. RPO 1 Counter was mounted at the western end of the trail near Sand Hill Road. RPO 2 Counter was mounted at the east end of the trail off Shelburne Road.

The Pyro Counter can 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 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 the number of users who were likely to have been missed due to these circumstances and there has been no effort to make up for this discrepancy.

As with all these surveys, this is just a snapshot of time for activity in the study area. There can be differences in activity due to the time of year the survey is conducted. Weather can have an impact on the results of the survey. Efforts will be made to repeat the survey during different seasons and during the same time of the year during future years.

## Results

This study was done as a follow up to [last year's trail count](#). This Spring there was maintenance performed at the west end of the trail, along Sandhill Road. This year the two ends of the trail were surveyed. Both locations saw strong activity on Wednesday, May 22, 2024, and Saturday May 25, 2024. Memorial Day, Monday, May 27<sup>th</sup> had the peak 2-Hour activity window for both trail ends, between 4 PM and 6 PM.

One interesting pattern of note was that hourly trails use was lower during the morning on weekdays, building to peak activity between 4 Pm and 6 PM at the Sand Hill location. Activity built in a comparable manner at the Shelburne location with a spike at 7 PM. Both locations started strong between 8 AM and 10 AM on the weekends and saw activity taper lower throughout the day. Activity was consistently higher at the Sand Hill location compared to the Shelburne location. There is more immediate parking available at the Sand Hill entrance versus the Shelburne entrance, even though there is a much larger parking lot near the Shelburne trailhead (indicated by the white arrow on the first page of this report.)

The rain on Thursday may have kept walkers off both ends of the trail on Thursday. It appears that the Memorial Day rain, while heavier than Thursday, was early enough in the day that it did not impact the activity on the trail, especially late during the afternoon.

It should also be noted that ART Bus stop #863 is at the corner of Shelburne and Brevard, roughly a quarter mile from the trailhead.

### Hominy Creek (Sandhill)

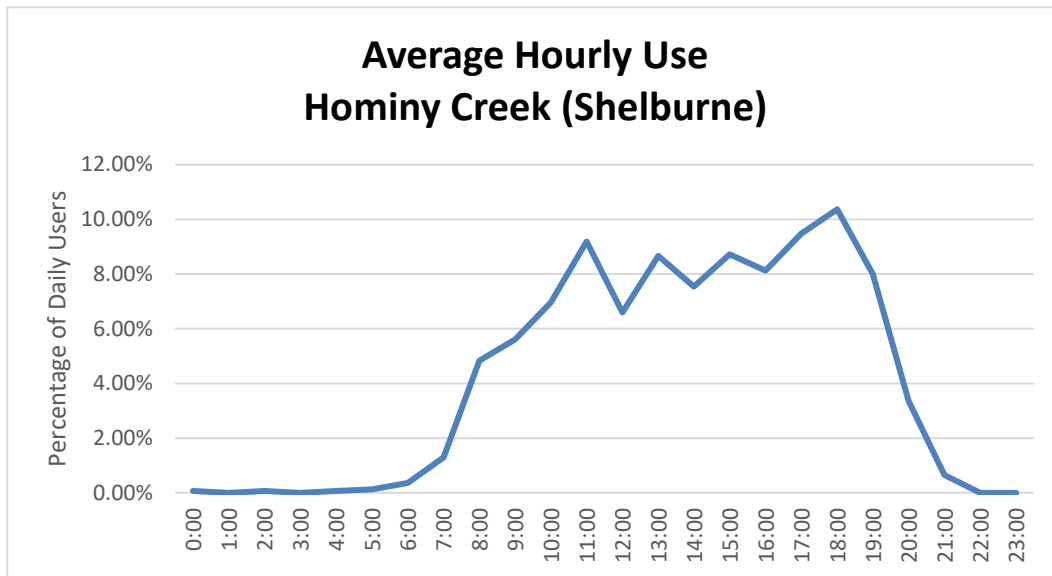
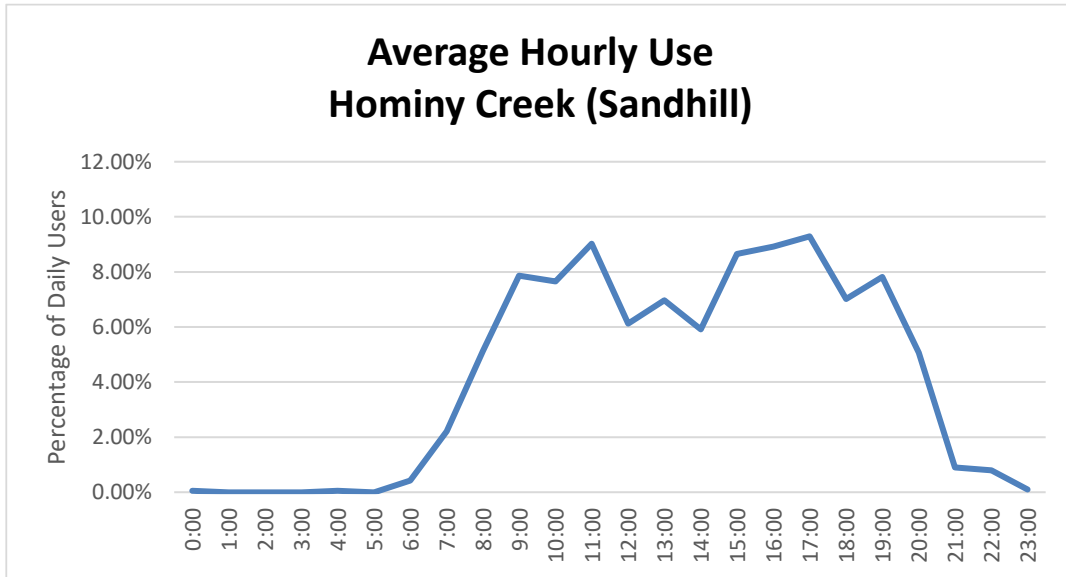
<b>Total Users</b>	<b>1,894</b>
<b>Users/Hour</b>	<b>11.3</b>
<b>Peak 24-Hour Usage</b>	<b>324</b>
<b>Peak Day</b>	<b>Wednesday May 22, 2024</b>
<b>Peak 2-Hour Usage Period</b>	<b>80</b>
<b>Peak 2-Hour Date and Time</b>	<b>Monday, May 27, 2024 -- 4 PM to 6 PM</b>

### Hominy Creek (Shelburne)

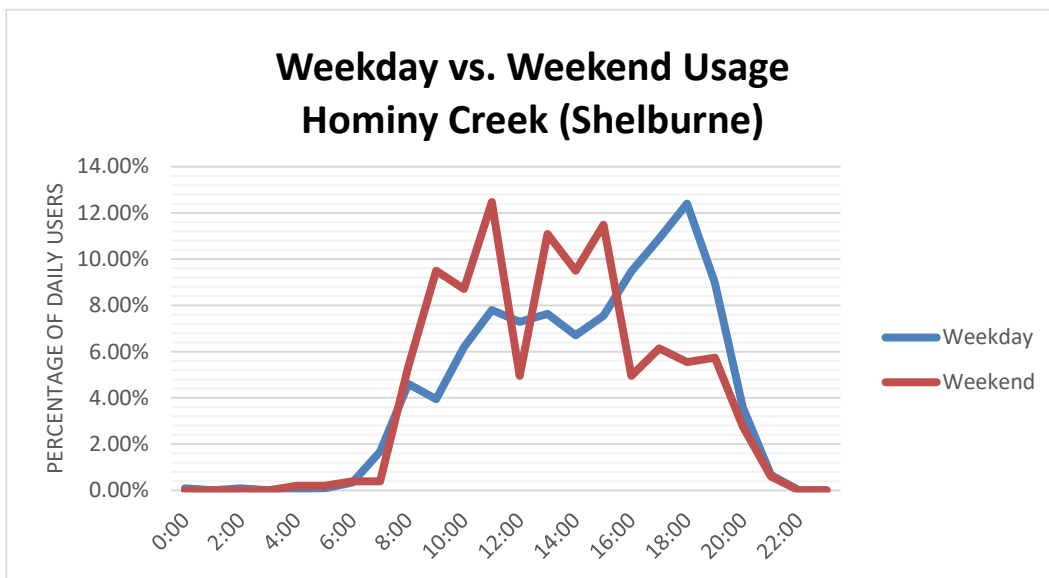
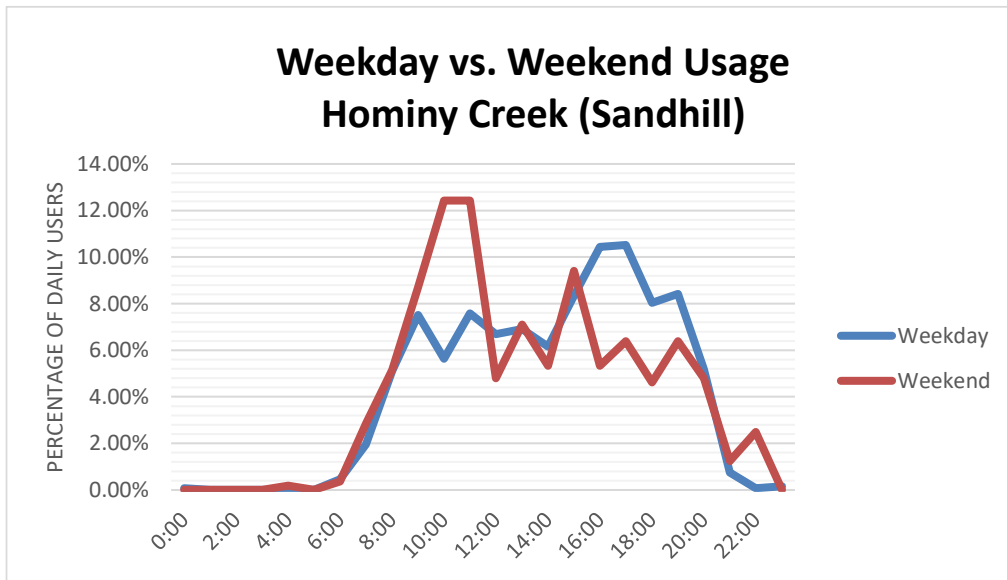
<b>Total Users</b>	<b>1,698</b>
<b>Users/Hour</b>	<b>10.1</b>
<b>Peak 24-Hour Usage</b>	<b>289</b>
<b>Peak Day</b>	<b>Saturday, May 25, 2024</b>
<b>Peak 2-Hour Usage Period</b>	<b>75</b>
<b>Peak 2-Hour Date and Time</b>	<b>Monday, May 27, 2024 -- 4 PM to 6 PM</b>

## Patterns of Use

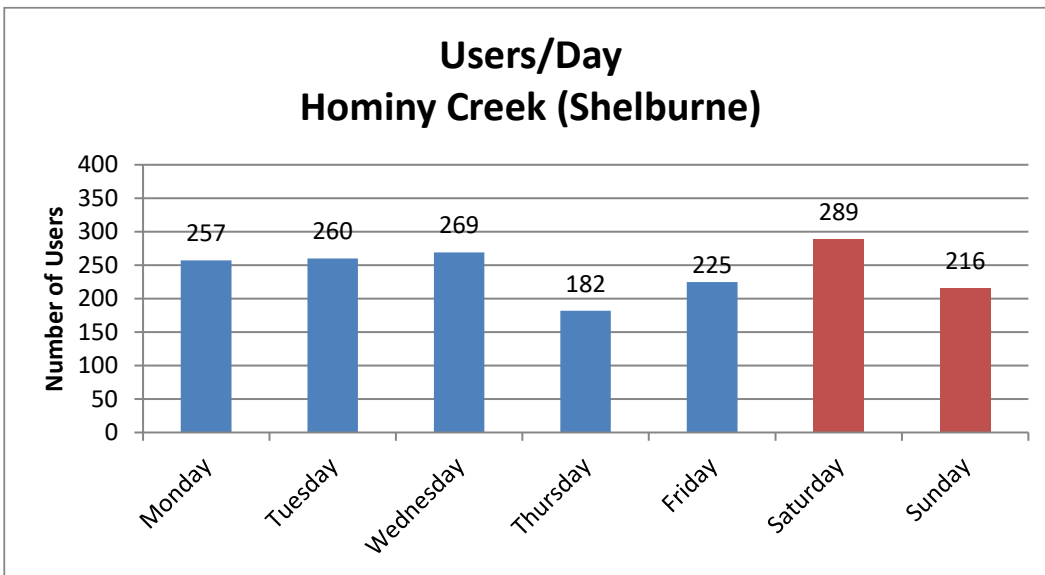
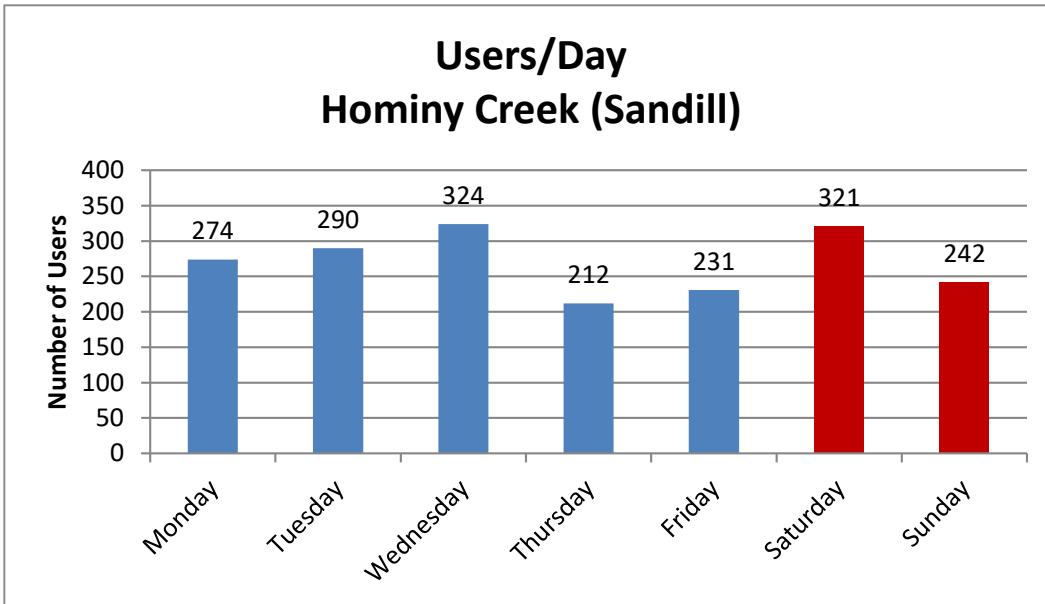
The following chart illustrates the average use of the trail at the location.



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



The third chart shows users/day.



**Notes:**

The City of Asheville has a “[Close the Gap](#)” Plan, for connecting existing trails with new trails. There are three types of trails identified in the Plan: Greenway Spines, Arterial Collectors or Arterial Greenways, and Neighborhood Greenways. The Hominy Creek Greenway is a Neighborhood Greenway that may be connected with the West French Broad River Greenway (WFBRG,) an existing Greenway Spine. The Hominy Creek Greenway would connect to a proposed Greenway Spine that would then connect with phase 1 of the WFBRG (Chapter 5, Page 15, Map 15.) The Southern Extension of the Hominy Creek Greenway would meet up with the Bent Creek Greenway, and they would link with phase 1 of the WFBRG.



Figure 2: Hominy Creek Greenway at Shelburne



Figure 1: Hominy Creek at Sand Hill

Date	Minimum Temperature	Maximum Temperature	Average Temperature	Precipitation	Ave. Wind Speed
5/21/2024	58.4 °F	84.6 °F	70.2 °F	0.00 in	0.8 mph
5/22/2024	58.6 °F	86.9 °F	71.1 °F	0.00 in	0.9 mph
5/23/2024	59.9 °F	82.9 °F	68.8 °F	0.17 in	0.4 mph
5/24/2024	62.3 °F	85.7 °F	71.0 °F	0.04 in	1.0 mph
5/25/2024	63.4 °F	83.1 °F	70.4 °F	0.00 in	0.6 mph
5/26/2024	57.7 °F	84.3 °F	67.6 °F	0.10 in	0.6 mph
5/27/2024	59.4 °F	84.6 °F	68.0 °F	0.51 in	1.0 mph

<https://www.wunderground.com/dashboard/pws/KNCASHEV250/table/2024-05-28/2024-05-28/monthly>