Intertwine trail use snapshot:
ACKNOWLEDGMENTS

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Count Volunteers 2008-2012

The count effort would not be possible without our dedicated volunteers. Please let us know if we have failed to include your name.

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Ray Harris
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Robin Craig
Robin Straughan
Robin Woolman
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Rod Doubleday
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Roger Averbeck
Roger Shepherd
Ron Ture
Russell Aldridge
Ryan Carlson
Ryan Stee
S Fife
S Ricker
Sandra Doubleday
Sandy Doubleday
Sara Wright
Sarah Coffman
Sarah Miller
Scott Fredericks
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Shannon Toland
Shawn Bacon
Sherri Hedger
Sheryl Mehar
Shirley Craddick
Skip Sauter
Stacy Warden
Stasia Honnold
Stephen Dulwick
Steve Entenman
Steve Kruger
Steve Sanow
Steve Wolcott
Stevie Viaene
Sue Allen
Sue Lowe
Susan Bricky
Susan Hanson
Suzi Bowden
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Sylvia Milne
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Terri Wortman
Terry Toland
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Timothy Pepper
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Tom Massart
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Valerie Pratt
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Vicki Wood
Virginia Bowers
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B. Trail count and survey forms
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BACKGROUND

Each year, volunteers from throughout the region gather along trails to count and survey people biking and walking on The Intertwine – the Portland metropolitan area’s system of trails, parks and natural areas. What have we learned from the last five years of counts and surveys? This report is a summary of our findings.

Data collection

More than 2,200 volunteer hours were spent counting and surveying bicyclists and pedestrians in the past five years. Volunteers collected 3,636 surveys and counted 117,764 trail users. Fifteen separate agencies have participated in the coordinated effort, following a standardized data collection process known as the National Bicycle and Pedestrian Documentation Project (NBPD).

Data is collected at the same week, day and time every year. Collection sites along trail corridors around the region were identified at locations known to have high levels of use. Two-hour counts are conducted twice at each site: once during the midweek evening rush-hour, and again on a weekend morning. An intercept survey of trail users is administered during the same periods. More information about the NBPD is available at www.bikepeddocumentation.org.

How is the information used?

- Secure grant funding
- Measure the return on investment of new facilities
- Decide where and when to build new trails
- Gather suggestions from trail users
- Agency budgeting
- Traffic modeling
- Understand trail user behavior
Data analysis

Five years of trail count data and trail user intercept survey data were analyzed to produce the tables and charts contained in this report. Based on the availability of data, 32 priority trail corridors were selected for analysis. Some corridors are represented by a single count site; other corridors are composed of data from multiple sites. See Appendix A for more detail. Extrapolation factors were used to convert the two-hour count data into estimated daily and annual totals.1

**Figure 1: Growth in Intertwine use2**

<table>
<thead>
<tr>
<th>Peak 2-Hour Trail User Counts (Annual Count)</th>
<th>Peak 2-hour Trail User Counts (3-Year Rolling Average)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Graph showing count locations from 2008, locations added in 2011, and locations added in 2012" /></td>
<td><img src="image2.png" alt="Graph showing count locations from 2008, locations added in 2011, and locations added in 2012" /></td>
</tr>
</tbody>
</table>

Activity levels of bicyclists and pedestrians at a given location can vary day to day, including for reasons related to weather. To address this inherent variability in non-motorized activity, the results on the right side of Figure 1 present activity as a three-year rolling average. For example, the 2010-2012 count is the average of the 2010, 2011 and 2012 count. This method is used in other count programs3 to mitigate year-to-year variability. For reference, the left side of Figure 1 also includes actual count volumes recorded in each year.

---


2 Based on counts at core locations on 32 trail corridors. This chart differs from the 2008-2010 Intertwine Trail Use Snapshot Figure 1 due to changes in methodology (see Appendix A).

Like the count analysis, trail user intercept surveys were considered in aggregate across an entire trail corridor and responses from multiple years were combined. Results were analyzed by user type and a corridor total was created by weighting responses to reflect the relative proportions of pedestrians and bicyclists based on the count data for the same sites. To create the survey figures for the entire Intertwine system, results from individual corridors were combined and weighted relative to the observed volumes of users on each trail.

### 2010-2012 trail use findings at a glance

- There were an estimated **21.1 million** annual user trips at the 32 priority trail corridor locations (see Figures 5 and 6).
- Trail use varies year-to-year. Across 27 sites tracked since 2008, the 2010-2012 count seasons show a 2 percent increase over counts from 2008-2010 (see Figure 1).
- Trail count data indicates that trail use is split evenly between bicyclists and pedestrians (see Figure 4).
- 70 percent of Intertwine bicyclists are male, but pedestrians are evenly split between the two genders.
- Most bicycle trips on The Intertwine were reported to be for transportation (see Figure 13).
- Nearly all pedestrian trips on The Intertwine were reported to be for recreation (see Figure 13).

---

**Figure 2: Data collection numbers at a glance**

<table>
<thead>
<tr>
<th>Year</th>
<th>Participating agencies</th>
<th>Volunteer hours</th>
<th>Count Sessions conducted</th>
<th>Surveys collected</th>
<th>Individuals Counted</th>
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</thead>
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<td>6</td>
<td>207</td>
<td>69</td>
<td>696</td>
<td>16,678</td>
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<tr>
<td>2009</td>
<td>9</td>
<td>384</td>
<td>128</td>
<td>1,119</td>
<td>22,011</td>
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<tr>
<td>2010</td>
<td>12</td>
<td>510</td>
<td>170</td>
<td>1,197</td>
<td>19,277</td>
</tr>
<tr>
<td>2011</td>
<td>13</td>
<td>591</td>
<td>197</td>
<td>420</td>
<td>25,229</td>
</tr>
<tr>
<td>2012</td>
<td>18</td>
<td>588</td>
<td>196</td>
<td>204</td>
<td>34,569</td>
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<tr>
<td>total</td>
<td>18</td>
<td>2,280</td>
<td>760</td>
<td>3,636</td>
<td>117,764</td>
</tr>
</tbody>
</table>

4 Volunteer hours are estimated by multiplying 'sessions conducted' by 3. Many sessions are staffed by more than one volunteer.

5 Some trails lacked adequate intercept survey response rates and were not included in the survey analysis.

6 This total is a conservative estimate calculated from 2-hour peak counts averaged across multiple years for each trail corridor between 2010 and 2012.
“You get what you measure. By showing that people use trails, these counts help us make the case for future investments in transportation choices. There are many people walking and bicycling in our community, and more who want to do it if they have safe and comfortable pathways to use.”

–Metro Councilor Kathryn Harrington
TRAIL COUNT FINDINGS

Across the region, the share of bicycle and pedestrian users on The Intertwine is nearly even, with pedestrians representing fifty-two percent and bicyclists representing forty-seven percent of total trips. Other modes such as wheelchairs, horses, roller blades, and skateboards make up the remaining one percent of users, as shown in Figure 4.

Figure 4: Average mode share on The Intertwine

However, the relative share of bicyclists and pedestrians does vary depending on the trail, as shown in Figures 5 and 6. For example, Portland’s Waterfront Park and Southwest Willamette River

Greenway and Vancouver’s Burnt Bridge Creek Trail show an even split between bicyclists and pedestrians, while trails like the Columbia River Renaissance Trail and the Tonquin Trail show a significantly higher rate of pedestrian usage.

Figure 5: 2010 to 2012 estimated average annual volumes at key indicator locations along the top six Intertwine trail corridors

Each of the trails next to busy roads or freeways, for example, tends to experience higher numbers of people on bikes than people on foot. These trails include the Eastbank Esplanade, I-205 Multi Use Path, Sunset Highway Path, Padden Parkway and the I-5 Bridge Path. This is not surprising since bicyclists reported using trails for transportation, and these trails are adjacent to major transportation corridors connecting them to popular destinations.
Another characteristic shared by trails with high percentages of people on bikes is that they tend to be part of longer, connected corridors, allowing bicyclists to travel farther and faster. The two sections of the Springwater Corridor featured in this report – Springwater on the Willamette and the Gresham Springwater Trail – are two good examples.

Conversely, trails with higher percentages of people on foot tend to be shorter or less direct, but they are more likely to feature scenic experiences of creeks, rivers and other natural features. For example, the Columbia River Renaissance Trail, Tonquin Trail, and Tualatin River Greenway Trail each have high pedestrian volumes in spite of being short and incomplete. The survey results presented in Figure 14 support this, showing that pedestrians’ choice of where to walk is influenced far more by a trail’s scenic qualities than its directness or connectivity.

---

7 Annual count volume estimates for each corridor differ from those published in the 2008-2010 count report due to a change in methodology designed to allow for more consistent reporting. See Appendix A for more details of the methodology.
TRENDS OVER TIME ON INDIVIDUAL TRAIL CORRIDORS

As more and more trail count data is collected over time, it may be possible to infer changes in the use of individual trail corridors. In the short term, variation in observed count volumes from year to year is expected due to normal fluctuations in use.

In some cases, annual observations change dramatically. Figure 7 shows the change in two-hour counts along the Trolley Trail.

There is a very good reason for the large increase in count observations in 2012: this was the first year counts were performed after the completion of the Trolley Trail.

Figure 7: 2-hour counts on the Trolley Trail

Until 2012, the so-called Trolley Trail was an overgrown pathway along an abandoned trolley line. The Trolley Trail had been a popular route for neighborhood pedestrians for decades, ever since the trolley stopped running in the late 1950s.

Because the surface was muddy most months of the year and the corridor was overgrown with blackberries and other weeds, it failed to live up to its potential as a transportation and recreation corridor.

In 2012, the Trolley Trail was developed to AASHTO\(^8\) standards as a fully paved shared-use path. The 2012 counts seem to indicate that usage of this trail has increased dramatically. We look forward to seeing what future counts reveal as more of the community discovers and enjoys this fantastic new resource.

\(^8\) American Association of State Highway and Transportation Officials
Figure 8: Average annual trip volumes on The Intertwine

Figure 8 shows that trails in Portland’s central city experience the highest use. The two trails with the highest volume of users – Waterfront Park and the Eastbank Esplanade – form a continuous two and a half-mile long loop around the river. This makes them immediately accessible to jobs and shopping destinations and ideal for lunchtime jogs or strolls.

2010-2012 trail use findings at a glance, cont.

- With an estimated volume of 4.8 million trips per year, the Willamette River Greenway in Portland’s Tom McCall Waterfront Park is The Intertwine’s most popular trail (see Figure 5).
- Trails next to freeways and busy roadways draw significantly more bicyclists than pedestrians.
- Longer, better connected trails tend to have a higher proportion of bicyclists.
- Shorter, less connected trails tend to have a higher proportion of pedestrians.
- 92 percent of survey respondents were repeat users of the trail they were surveyed on (see Figure 12).
- 22 percent of survey respondents are daily users of the trail they were surveyed on (see Figure 12).
In addition to knowing which trails are most used and by how many people, it is also valuable to know who uses them. Demographic information is useful for targeting audiences in public engagement efforts. Trail users were asked their age in the intercept survey\(^9\). Their gender was observed by the volunteers and recorded on the count forms.

The average age of trail users surveyed was 44 years-old, which is considerably older than the median age of 36 for metro area residents\(^10\). Reaffirming the findings of Portland’s annual bike counts, the Intertwine NBPD found that 71 percent of cyclists are male. In light of this finding, trail managing agencies may wish to consider strategies for making trails more appealing to women.

**Figure 9: Gender balance on The Intertwine\(^11\)**

\(^9\) A question pertaining to race and ethnicity was included in the 2009 and 2010 surveys, but the data has not been analyzed.


\(^11\) Summary information for individual trail corridors can be found in Appendix C.
Trail survey findings

Over 90 percent of trail users responded that they had used the trail at least once in the previous month and 22 percent reported that they use the same trail daily. These numbers, displayed in Figure 12, show the importance of trails as part of people’s daily lives.

**Figure 12: How often people use The Intertwine per month**

Trail users were asked if the purpose of their trip was for pleasure/exercise, going to/from work or school, or for shopping or doing errands. Looking at all Intertwine users as a whole, 60 percent use trails for recreation while 40 percent use trails for transportation. These findings support the belief that trails are transportation facilities, equal in importance to roads or highways. But attention must also be given to their dual role as recreational amenities.

**Figure 13: Intertwine trip purpose**

Figure 13 breaks down the trip purpose question further by separating the survey responses by bicyclists and pedestrians. While 78 percent of bike trips were reported to be for transportation, 97 percent of pedestrian trips were reported to be for recreation, showing a strong relationship between mode and trip purpose. Pedestrians probably account for so few transportation trips on trails because most trips to work or school are too far to walk.

12 Survey findings presented here are from 2008-2010 surveys and do not include trail corridors surveyed in 2011 or 2012.
Since we now know that most bicyclists have different trip purposes than pedestrians, it seems likely that the two types of users would choose their routes for different reasons. Figure 14 shows that pedestrians' route choices are overwhelmingly influenced by a trail's scenic qualities. Because of their non-utilitarian nature, it makes sense that most pedestrian route choices would be more influenced by scenic qualities than directness.

**Figure 14: Factors influencing route choice**

Bicyclists' responses to the question are more evenly distributed than pedestrians', but vary depending on which trail they are riding on. The top two responses by bicyclists – direct/good connections and safer than roads – are the two responses that one would expect to be most closely associated with transportation trips. Also to be expected is that the responses show bicyclists are more sensitive to steep slopes than pedestrians.

**Figure 15: How Intertwine users get to the trail**

It is useful to understand what other modes of travel people use to get from home to the trail. Figure 15 shows that bicyclists overwhelmingly arrive at the trail by bike. Pedestrians are more likely than bicyclists to use other modes, such as transit or carpool, and are four times as likely to drive to the trail. Bicyclists’ tendency to bike to trails could explain why closeness is a more important route choice factor than for pedestrians, whose preference of driving to the trail gives them access to more distant trails.

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13 The survey asked trail users, “What other modes of travel were used in your trip today?”
Trail use findings at a glance, continued:

- Most bicycle trips on The Intertwine were reported to be for transportation (see Figure 13).
- Nearly all pedestrian trips on The Intertwine were reported to be for recreation (see Figure 13).
- Bicyclists report more consistent use across seasons than pedestrians (see Figure 17).
- Pedestrians typically drive to and from the trail (see Figure 15).
- Bicyclists typically bike to and from the trail (see Figure 15).

Trail users were asked to rate the trail on the quality of several conditions. Figure 16 represents the aggregate of all trails surveyed and paints a generally positive picture of the public’s perception of trail conditions. Overall, people are generally satisfied with trail conditions such as trail width, length, surface, cleanliness, and surrounding natural areas.

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15 Survey respondents gave a 1 though 5 (Poor to Excellent) rating to each of the above trail conditions. Figure 16 shows the percentage of responses that were either “excellent” or “good”.
WEATHER MAKES A DIFFERENCE

Survey respondents reported that they do not use trails as much in the winter. Figure 17 shows a similar trend for bicyclists and pedestrians. It appears that bicycling may be slightly steadier throughout the year than walking. This could be because the recreational trips made by pedestrians are more discretionary than the transportation trips made by most bicyclists.

**Figure 17: Intertwine trail use across the seasons**

Figure 18 shows count data from a site on the Fanno Creek Trail at North Dakota Street in Tigard. The graph clearly shows that trail use is higher when the weather is dry and lower when it is raining. The 2010 count season was rainier, windier, and had lower temperatures than the previous two years. Although overall trail use grew from 2009 to 2010, several individual count sites saw drops in trail use due to poor weather. For example, trail use on the Eastbank Esplanade at OMSI dropped 36 percent, from 5,200 daily trips on a sunny day in 2009 to 3,300 trips on a rainy day in 2010. Trail users are clearly influenced by the weather.

FUTURE RECOMMENDATIONS

Over the past five years we’ve learned a lot about The Intertwine’s regional trail system. Trails are a part of people’s everyday lives... especially when the weather is nice! Whether they are on their way to work or just out for a weekend stroll, bicyclists and pedestrians alike choose trails as the scenic and safe alternative to roads. Overall, they are very satisfied with the quality of the trails.

We have seen steady growth in trail use since 2008. We are optimistic that these trends will continue into the future.

Ongoing, annual counts and surveys will be vital to show our success and to continue to provide the public with the trail experience they love.
Intertwine trail use snapshot:

Appendix A:
Methodology change from the 2008-2010 Intertwine trail use snapshot
Appendix A. Methodology change from the 2008-2010 Intertwine trail use snapshot

This report updates the 2008-2010 Intertwine trail use snapshot and uses a revised analytical approach due to the large amount of data now available and lessons learned from five years of the count program. This appendix describes the count location selection strategy and recommendations for future count efforts.

The 2008-10 Intertwine trail use snapshot calculated average trail corridor volumes based on data from multiple count sites, across different days (weekend and weekday) and count times. A review of the five years of count data now available indicated that while the number of counts and locations has continued to grow, the same locations are not always counted each year. This makes comparisons from year to year difficult.

**Use core count locations as the primary source of data**

The current report addresses this challenge by identifying a set of core count locations that should be counted each and every year. For each of the 32 trail corridors identified in Figure A-1, one to three count locations and count times were identified to serve as core count locations. These locations were identified based on geographic location, the presence of historic data, and high-count volume sites indicating peak trail use volumes. Note that Metro will still work with local agencies to continue to count a larger number of locations as it has in previous year. However, when assisting agencies to assign volunteers to count locations, Metro will aim to ensure that the core count locations are covered first to provide consistent data reporting in future count reports.

Trail usage over time based on the actual count volumes at the 32 trail corridors (core locations) is presented in Figure 1. Estimates for individual trails are presented as annual extrapolations of these counts in Figures 5 and 6. The general trends in activity remain the same, but the revised methodology results in annual trail use volume estimates that are higher than in the previous report, because the previous methodology averaged higher and lower volume locations together. The revised methodology instead averages counts from the same core locations (typically a higher activity location along the trail) over multiple years. Elimination of lower volume locations increases the annualized totals. However, these estimates may still be conservative as a single count location along a lengthy trail will miss many users from other parts of the trail who don’t pass that point.

The result of the methodology change is a simplification of the counting, analysis and tracking process that should provide data that are easier to compare over time because they are based on a consistent set of locations.

**Consider developing local extrapolation factors**

Because activity patterns vary on different types of trails throughout the region, a set of automatic counters placed on a subset of trails around the region to document bicycle and pedestrian activity throughout the year would allow for a more refined method of developing annual estimates. In the absence of such data, the revised methodology provides annual estimates of trail use that are based on a consistent set of locations and allow for a comparison of relative activity patterns on trails throughout the region.
Consider conducting multiple counts at each core location

This report presents results in several figures as a three-year rolling average. This method aims to minimize the natural fluctuation present in short-duration count data. One way to further minimize the variability in the data would be to conduct two counts at each location specified in Figure A-1 (e.g., count Site 950 twice each year on a weekday between 4 and 6 p.m. during the NBPD count week). This would effectively double the number of count observations included in the three-year rolling average (from three to six in the case of the individual corridor results in Appendix C) and would further minimize the susceptibility of the average to a single high or low count.

<table>
<thead>
<tr>
<th>Intertwine Trail Corridor</th>
<th>Key Indicator Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Banks-Vernonia State Trail</td>
<td>Site 950, Weekdays 4-6 pm</td>
</tr>
<tr>
<td>Burnt Bridge Creek Trail</td>
<td>Site 447, Weekdays 4-6 pm</td>
</tr>
<tr>
<td>Columbia River Renaissance Trail</td>
<td>Site 462, Weekdays 4-6 pm</td>
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<tr>
<td>Council Creek Trail</td>
<td>Site 962, 963, Weekdays 4-6 pm</td>
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<tr>
<td>Eastbank Esplanade</td>
<td>Site 40, Weekdays 4-6 pm</td>
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<tr>
<td>Fanno Creek Trail</td>
<td>Site 607, 701, 755, Weekdays 4-6 pm</td>
</tr>
<tr>
<td>Frenchman’s Bar-Vancouver Lake Trail</td>
<td>Site 420, Weekdays 4-6 pm</td>
</tr>
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<td>Gresham-Fairview Trail</td>
<td>Site 517, Weekdays 4-6 pm; 519 Weekdays 7-9 am</td>
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<td>Hillsboro to Forest Grove Trail</td>
<td>Site 325, 326, Weekdays 4-6 pm</td>
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<td>I-205 Multi Use Path</td>
<td>Site 106,109, Weekdays 4-6 pm</td>
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<td>Interstate Bridge Path</td>
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<td>Lacamas Heritage Trail</td>
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<td>Marine Drive Trail</td>
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<td>N Portland Willamette Greenway</td>
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<td>NW Portland Willamette Greenway</td>
<td>Site 7, Weekdays 4-6 pm</td>
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<td>Padden Parkway Trail</td>
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<td>Sunset Highway Trail</td>
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<td>Waterfront Park Trail</td>
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<td>Westside/Waterhouse Trail</td>
<td>Site 623, 647, Weekdays 4-6 pm</td>
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<td>Wildwood Trail</td>
<td>Site 125, Weekdays 4-6 pm</td>
</tr>
</tbody>
</table>
Intertwine trail use snapshot:

Appendix B:
Trail count and survey forms
Instructions
- Count for two hours in 15-minute increments
- Count bicyclists who ride on the sidewalk
- Count the number of people on the bicycle; not the number of bicycles.
- People using equipment such as skateboards or rollerblades should be included in the “Other” category.

<table>
<thead>
<tr>
<th></th>
<th>Bicycles</th>
<th>Pedestrians</th>
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<td>:45-1:00</td>
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<td>1:00-1:15</td>
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<td>1:15-1:30</td>
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<td>1:45-2:00</td>
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</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. What trail are you using today?
2. What are you doing on the trail right now?
   - Shopping, doing errands, visiting friends
   - Going to/from work or school
   - For pleasure/exercising/recreation
   - Other: __________________________
3. Please check any other transportation modes in your trip today?
   - Walking
   - Biking
   - Transferring
   - Carpool
   - Other: __________________________
4. Where did you start this trip? (nearest street intersection)
5. Where will you end this trip? (if you will end where you started, give the nearest point reached)
6. How do you rate the path on each of the following?
   - Flat
   - Scenic
   - Quiet
   - Safe than using roads
   - Access/Accessibility
   - Directions
   - Other: __________________________
7. Why are you using this trail instead of _________?
8. In the past month, how often have you used this trail?
   - Daily (a)  0-5 times (b)  6-10 times (c)  11-20 times (d)
   - First time ever (skip to Question 10) (e)
9. Please check the seasons in which you use the trail.
   - Spring (a)  Summer (b)  Fall (c)  Winter (d)
10. Home zip code:
   - (a)  Flat
   - (b)  Scenic
   - (c)  Quiet
   - (d)  Safe than using roads
   - (e)  Access/Accessibility
   - (f)  Directions
   - (g)  Other: __________________________
11. Condition of trail surface (c)
   - Clean (a)  Safe (e)  Other: __________________________
12. Your Gender?
   - Male □  Female □
13. What is your race or ethnicity?
   - (a)  White American
   - (b)  American Indian
   - (c)  Hispanic/Latino
   - (d)  African American
   - (e)  Asian
   - (f)  Other: __________________________
14. Comments?
   ○ Native American or Alaskan Native
   ○ Asian
   ○ White
   ○ African American
   ○ Hispanic/Latino
   ○ Other: __________________________
   (Optional. Do not write your name here.)

Name of Data Collector: __________________________ Notes: __________________________
Date: __________ Time Period: __________ Weather: __________

To be completed by Data Collector: __________________________
### 1. ¿Cuál de las siguientes opciones describe mejor lo que vino usted a hacer hoy?
- ☐ Placer/ejercicio/recreación (a)
- ☐ Trasladándome de la casa al trabajo/escuela (b)
- ☐ De compras, haciendo el super o visitando amigos (c)

### 2. ¿Cómo te estás trasladando?
- ☐ A pie (a)
- ☐ En bicicleta (b)
- ☐ Corriendo (c)
- ☐ Otros: _________________________________ (d)

### 3. Por favor marque cualquiera otro medio de transporte que esté utilizando hoy para realizar sus actividades, incluyendo cómo llegó a este camino.
- ☐ Coche (a)
- ☐ Haciendo ronda o de ride (b)
- ☐ Transporte público (c)
- ☐ Caminando o en bici (d)

### 4. ¿En dónde empezó tu recorrido? (la intersección más cercana)
- __________________________ (x) & __________________________ (y)

### 5. ¿En dónde va a terminar tu recorrido? (Si lo va a terminar donde lo empezó, mencione que tan lejos llegó)
- __________________________ (x) & __________________________ (y)

### 6. ¿Cómo describiría el camino en cada una de las siguientes características?

<table>
<thead>
<tr>
<th>Seguro (a)</th>
<th>Excelente</th>
<th>Bueno</th>
<th>Normal</th>
<th>Pobre</th>
<th>No sé</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limpio (b)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>Condición de la superficie (c)</td>
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<td></td>
</tr>
<tr>
<td>Ancho del camino (d)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Longitud del camino (e)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cantidad de gente (f)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Velocidad en el camino (g)</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Condición de áreas naturales (h)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Puntos de acceso y conexiones (i)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acceso para personas con diferentes capacidades (j)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 7. ¿Por qué prefiere usar este camino a otros? Marque todas las que apliquen.
- ☐ Accesible/cerca (a)
- ☐ Directo/buenas conexiones (b)
- ☐ Es más seguro que andar en la calle (c)
- ☐ Por sus cualidades escénicas (d)
- ☐ Por sus niveles de inclinacion (e)

### 8. ¿En el último mes, qué tan seguido a utilizado este camino?
- ☐ Nunca lo había usado (Salte a la pregunta 10)
- ☐ 0-5 veces (b)
- ☐ 6-10 veces (c)
- ☐ 11-20 veces (d)
- ☐ Diario (e)

### 9. Por favor marque las estaciones del año en las que utiliza el camino
- ☐ Verano (a)
- ☐ Otoño (b)
- ☐ Invierno (c)
- ☐ Primavera (d)

### 10. Código Postal de su casa: ___________

### 11. Edad: _________

### 12. Sexo
- ☐ Femenino
- ☐ Masculino

### 13. ¿Cuál es su raza u origen étnico?
(Opcional, marque todas las que apliquen)
- ☐ Hispano/Latino (a)
- ☐ Afroamericano (b)
- ☐ Blanco (c)
- ☐ Asiático (d)
- ☐ Nativo americano o nativo de Alaska (e)

### 14. Comentarios
Intertwine trail use snapshot:

Appendix C:
Corridor-specific trail use snapshots
Appendix C: Corridor-specific trail use snapshots

- Banks-Vernonia State Trail .......................................................... 1
- Burnt Bridge Creek Trail ............................................................ 11
- Columbia River Renaissance Trail .............................................. 21
- Council Creek Trail .................................................................... 31
- Eastbank Esplanade ................................................................... 33
- Fanno Creek Trail ....................................................................... 43
- Frenchman’s Bar vancouver Lake Trail ....................................... 53
- Gresham-Fairview Trail ............................................................. 61
- Hillsboro to Forest Grove Trail ................................................... 69
- I-205 Multi Use Path.................................................................. 71
- Interstate Bridge Path ............................................................... 79
- Lacamas Heritage Trail .............................................................. 87
- Leif Erikson Trail ........................................................................ 97
- Marine Drive Trail ................................................................. 99
- North Portland Willamette Greenway Trail ...............................109
- Northwest Portland Willamette Greenway Trail .......................115
- Padden Parkway Trail ...............................................................117
- Rock Creek Trail .........................................................................125
- Salmon Creek Trail ....................................................................135
- Springwater Corridor SE .........................................................145
- Springwater on the Willamette ..................................................147
- Springwater in Gresham..............................................................155
- Sunset Highway Trail ................................................................165
- Southwest Portland Willamette Greenway ..............................175
- Terwilliger Trail North ..............................................................177
- Terwilliger Trail South ..............................................................179
- Tonquin Trail.............................................................................187
- Trolley Trail ...............................................................................189
- Tualatin River Greenway ............................................................199
- Waterfront Park Trail ...............................................................209
- Westside/Waterhouse Trail ......................................................215
- Wildwood Trail ..........................................................................223
BANKS-VERNONIA STATE TRAIL

Annual Count Data
(Average 2 hour peak counts)  2008  2009  2010  2011  2012
Site 950 – Weekday
Bike - - - 6 17
Walk - - - 14 31
Other - - - 2 3
Total - - - 22 51

Estimated Average Usage
(2010-2012 rolling average, all user types)
DAILY: 300
WEEKLY: 2,400
MONTHLY: 10,000
YEARLY: 120,000

Survey Sample Size
Walking 10
Biking 12
Jogging 4
Other* 1
Total 27
*An insufficient number of surveys were collected on this trail for analysis of this mode
BANKS-VERNONIA STATE TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk: 62%
- Bike: 32%
- Other: 6%

2010-2012 Observed Gender - All User Types

- Male: 46%
- Female: 54%

2010-2012 Observed Gender - Pedestrians

- Male: 38%
- Female: 63%

2010-2012 Observed Gender - Bicyclists

- Female: 43%
- Male: 57%
BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise (100%)

How people on bikes get to the trail

- Car (79%)
- Walk or Bike (21%)

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible/close
- Safer than using roads
- Scenic Qualities
- Flat/level
- Other
BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

How often people on bikes use this trail

- 0% for First Time
- 10% for 0-5 Times
- 20% for 6-10 Times
- 30% for 11-20 Times
- 40% for Daily

Seasons that people on bikes use this trail

- 35% for Summer
- 30% for Fall
- 15% for Winter
- 20% for Spring

Ages of people on bikes on this trail

- 50% for 35 to 55
- 20% for 18 to 34
- 15% for 56 to 75
- 10% for 76 or older
- 5% for 17 or younger

Gender of people on bikes surveyed on this trail

- 67% Female
- 33% Male
BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

Why walkers use the trail

- For Pleasure/Exercise 100%

How walkers get to the trail

- Walk or Bike 40%
- Car 60%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere

- Accessible/Close
- Direct/Good...
**BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY**

**Why joggers use the trail**
- For Pleasure/Exercise 100%

**How joggers get to the trail**
- Walk or Bike 75%
- Car 25%

**Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes**

**Why are people jogging using this trail instead of jogging elsewhere?**
- Accessible/close
- Direct/good connections
- Safer than using roads
- Scenic Qualities
- Flat/Low
- Other
BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

How often joggers use this trail

- First Time: 0%
- 0-5 Times: 10%
- 6-10 Times: 20%
- 11-20 Times: 30%
- Daily: 40%

Times per month

Seasons that joggers use this trail

- Summer: 25%
- Fall: 25%
- Winter: 20%
- Spring: 30%

Ages of joggers using this trail

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 20%
- 56 to 75: 30%
- 76 or older: 40%

Gender of joggers surveyed using this trail

- Male: 25%
- Female: 75%
BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

Why people use this trail

- For Pleasure/Exercise 100%

How people get to this trail

- Walk or Bike 40%
- Car 60%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Condition of trail surface
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural features/area
- Access points – connectivity
- Access for persons with disabilities
- Availability of information
- Availability of facilities

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good connections
- Safer than using roads
- Accessible/close
- Flat/Level
BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

**How often people use this trail**

- First Time: 0%
- 0-5 Times: 40%
- 6-10 Times: 20%
- 11-20 Times: 15%
- Daily: 5%

**Ages of trail users**

- 17 or younger: 10%
- 18 to 34: 40%
- 35 to 55: 40%
- 56 to 75: 10%
- 76 or older: 0%

**Seasons that people use this trail**

- Summer: 30%
- Fall: 25%
- Winter: 15%
- Spring: 30%

**Gender of trail users surveyed**

- Female: 74%
- Male: 26%
# BURNT BRIDGE CREEK TRAIL

## Annual Count Data (Average 2 hour peak counts)

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>17</td>
<td>58</td>
<td>35</td>
<td>52</td>
<td>33</td>
</tr>
<tr>
<td>Walk</td>
<td>40</td>
<td>52</td>
<td>80</td>
<td>69</td>
<td>55</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>1</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>57</strong></td>
<td><strong>113</strong></td>
<td><strong>117</strong></td>
<td><strong>122</strong></td>
<td><strong>89</strong></td>
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</table>

## Estimated Average Usage

(2010-2012 rolling average, all user types)

- **DAILY:** 1,000
- **WEEKLY:** 7,000
- **MONTHLY:** 30,000
- **YEARLY:** 370,000

### Average 2 Hour Peak Usage by Mode

![Average 2 Hour Peak Usage by Mode](chart.png)

### Survey sample size

<table>
<thead>
<tr>
<th>Mode</th>
<th>Sample Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>31</td>
</tr>
<tr>
<td>Biking</td>
<td>9</td>
</tr>
<tr>
<td>Jogging</td>
<td>10</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>51</strong></td>
</tr>
</tbody>
</table>

Intertwine trail use snapshot | 2013 C-11
BURNT BRIDGE CREEK TRAIL – COUNT DATA

SUMMARY

2010-2012 Mode Split

- Walk 62%
- Bike 37%
- Other 1%

2010-2012 Observed Gender - All User Types

- Male 60%
- Female 40%

2010-2012 Observed Gender - Pedestrians

- Male 48%
- Female 52%

2010-2012 Observed Gender - Bicyclists

- Male 79%
- Female 21%
BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

Why people on bikes use the trail

- Going to/from work or school: 60%
- For Pleasure/Exercise: 40%

How people on bikes get to the trail

- Walk or Bike: 57%
- Car: 29%
- Transit: 14%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible/Close
- Direct/good connections
- Safer than using roads
- Scenic Qualities
- Flat/Level
- Other
BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

How often people on bikes use this trail

Times per month

First Time 0-5 Times 6-10 Times 11-20 Times Daily

Seasons that people on bikes use this trail

Summer Fall Winter Spring

Ages of people on bikes on this trail

17 or younger 18 to 34 35 to 55 56 to 75 76 or older

Gender of people on bikes surveyed using this trail

Female 25% Male 75%
BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

Why walkers use the trail

- For Pleasure/Exercise: 100%

How walkers get to the trail

- Car: 56%
- Walk or Bike: 31%
- Carpool: 14%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere

- Accessible/Close
- Direct/good connection
- Safer than using roads
- Scenic Qualities
- Flat/Level
- Other
BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

How often walkers use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>15%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>30%</td>
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<tr>
<td>6-10 Times</td>
<td>25%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>20%</td>
</tr>
<tr>
<td>Daily</td>
<td>10%</td>
</tr>
</tbody>
</table>

Seasons that walkers use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Summer</td>
<td>25%</td>
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<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>20%</td>
</tr>
<tr>
<td>Spring</td>
<td>20%</td>
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Ages of walkers on this trail

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<tr>
<th>Age Group</th>
<th>Percentage</th>
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<tr>
<td>18 to 34</td>
<td>25%</td>
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<tr>
<td>35 to 55</td>
<td>25%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>45%</td>
</tr>
<tr>
<td>76 or older</td>
<td>0%</td>
</tr>
</tbody>
</table>

Gender of walkers surveyed on this trail

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>52%</td>
</tr>
<tr>
<td>Female</td>
<td>48%</td>
</tr>
</tbody>
</table>
BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

Why joggers use the trail

- For Pleasure/Exercise: 100%

How joggers get to the trail

- Car: 60%
- Carpool: 20%
- Walk or Bike: 20%
- Transit: 0%

Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

Why joggers use this trail instead of jogging elsewhere

- Accessible/close: 120%
- Direct/good connections: 90%
- Safer than using roads: 80%
- Scenic Qualities: 120%
- Flat/Level: 80%
- Other: 60%
BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

How often joggers use this trail

- First Time: 0%
- 0-5 Times: 40%
- 6-10 Times: 20%
- 11-20 Times: 10%
- Daily: 30%

Times per month

Seasons that joggers use this trail

- Summer: 30%
- Fall: 25%
- Winter: 15%
- Spring: 30%

Ages of joggers surveyed on this trail

- 17 or younger: 5%
- 18 to 34: 25%
- 35 to 55: 40%
- 56 to 75: 20%
- 76 or older: 10%

Gender of joggers surveyed on this trail

- Male 80%
- Female 20%
BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

Why people use this trail

- For Pleasure/Exercise: 74%
- Going to/from work or school: 26%

How people get to this trail

- Car: 45%
- Walk or Bike: 41%
- Transit: 6%
- Carpool: 8%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Condition of trail surface
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural...
- Access points – connectivity
- Access for persons with...
- Availability of information
- Availability of facilities

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good connections
- Safer than using roads
- Accessible/close
- Flat/Level

Intertwine trail use snapshot | 2013 C-19
COLUMBIA RIVER RENAISSANCE TRAIL

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 462 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
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<tbody>
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<td>Bike</td>
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<td>56</td>
<td>49</td>
<td>33</td>
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<tr>
<td>Walk</td>
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<td>282</td>
<td>324</td>
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<td>Other</td>
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<td>290</td>
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Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 2,560
WEEKLY: 18,000
MONTHLY: 78,000
YEARLY: 940,000

Survey sample size

<table>
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<tr>
<th>User Type</th>
<th>Sample Size</th>
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</thead>
<tbody>
<tr>
<td>Walking</td>
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</tr>
<tr>
<td>Biking</td>
<td>9</td>
</tr>
<tr>
<td>Jogging</td>
<td>14</td>
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<tr>
<td>Other</td>
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</tr>
<tr>
<td>Total</td>
<td>84</td>
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</tbody>
</table>
COLUMBIA RIVER RENAISSANCE TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk: 62%
- Bike: 32%
- Other: 6%

2010-2012 Observed Gender - All User Types

- Male: 46%
- Female: 54%

2010-2012 Observed Gender - Pedestrians

- Male: 38%
- Female: 63%

2010-2012 Observed Gender - Bicyclists

- Male: 57%
- Female: 43%
COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise: 100%

How people on bikes get to the trail

- Walk or Bike: 38%
- Car: 38%
- Transit: 13%
- Carpool: 13%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible/close: 60%
- Direct/good...: 10%
- Safer than using roads: 40%
- Scenic Qualities: 50%
- Flat/Level: 30%
- Other: 20%
COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

How often people on bikes use this trail

- First Time: 0%
- 0-5 Times: 30%
- 6-10 Times: 30%
- 11-20 Times: 20%
- Daily: 20%

Seasons that people on bikes use this trail

- Summer: 25%
- Fall: 25%
- Winter: 15%
- Spring: 35%

Ages of people on bikes on this trail

- 17 or younger: 10%
- 18 to 34: 10%
- 35 to 55: 40%
- 56 to 75: 20%
- 76 or older: 10%

Gender of people on bikes surveyed using this trail

- Male: 71%
- Female: 29%
COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

Why walkers use the trail

- For Pleasure/Exercise: 98%
- Car: 76%
- Transit: 2%
- Walk or Bike: 22%

How walkers get to the trail

Why walkers use this trail instead of walking elsewhere

- Accessible/close
- Direct/good access
- Safer than using car
- Scenic Qualities
- Flat/Level
- Other

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes
COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

How often walkers use this trail

Seasons that walkers use this trail

Ages of walkers on this trail

Gender of walkers surveyed on this trail
COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

Why joggers use the trail

- For Pleasure/Exercise: 88%

How joggers get to the trail

- Walk or Bike: 43%
- Car: 57%

Why joggers use this trail instead of jogging elsewhere

Why are joggers using this trail instead of walking elsewhere?

Intertwine trail use snapshot | 2013 C-27
How often joggers use this trail

- First Time: 0%
- 0-5 Times: 5%
- 6-10 Times: 20%
- 11-20 Times: 25%
- Daily: 50%

Seasons that people jogging use this trail

- Summer: 30%
- Fall: 25%
- Winter: 20%
- Spring: 25%

Ages of joggers on this trail

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 80%
- 56 to 75: 10%
- 76 or older: 0%

Gender of joggers surveyed on this trail

- Male: 31%
- Female: 69%
Why people use this trail

- For Pleasure/Exercise: 97%

How people get to this trail

- Car: 65%
- Walk or Bike: 29%
- Carpool: 2%
- Transit: 4%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of trail surface
- Condition of natural features/area
- Access points - connectivity
- Access for persons with disabilities
- Availability of information
- Availability of facilities

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good connections
- Safer than using roads
- Accessible/close
- Flat/Level
COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

How often people use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>10%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>20%</td>
</tr>
<tr>
<td>Daily</td>
<td>30%</td>
</tr>
</tbody>
</table>

Seasons that people use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>25%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>10%</td>
</tr>
<tr>
<td>Spring</td>
<td>30%</td>
</tr>
</tbody>
</table>

Ages of trail users

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>75%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>10%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>5%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>10%</td>
</tr>
<tr>
<td>76 or older</td>
<td>10%</td>
</tr>
</tbody>
</table>

Gender of trail users surveyed

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>43%</td>
</tr>
<tr>
<td>Female</td>
<td>57%</td>
</tr>
</tbody>
</table>
COUNCIL CREEK TRAIL

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 962 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
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</thead>
<tbody>
<tr>
<td>Bike</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>18</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>20</td>
</tr>
<tr>
<td>Other</td>
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<tr>
<td>Total</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>39</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Site 963 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>21</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>22</td>
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<tr>
<td>Other</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>43</td>
</tr>
</tbody>
</table>

Average 2 Hour Peak Usage by Mode

- Bike
- Walk
- Other

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 370  MONTHLY: 11,000
WEEKLY: 2,600  YEARLY: 140,000

The Council Creek Trail is planned for future construction. Count locations for this trail record usage along a parallel facility to track information about usage before and after construction.

An insufficient number of surveys were collected on this trail for detailed analysis.
COUNCIL CREEK TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

Walk 51%
Bike 48%
Other 1%

2010-2012 Observed Gender - All Users

Male 67%
Female 33%

2010-2012 Observed Gender - Pedestrians

Male 56%
Female 44%

2010-2012 Observed Gender - Bicyclists

Male 79%
Female 21%
EASTBANK ESPLANADE

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 40 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>960</td>
<td>876</td>
<td>564</td>
<td>982</td>
<td>944</td>
</tr>
<tr>
<td>Walk</td>
<td>296</td>
<td>407</td>
<td>324</td>
<td>380</td>
<td>488</td>
</tr>
<tr>
<td>Other</td>
<td>7</td>
<td>6</td>
<td>1</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td>1263</td>
<td>1289</td>
<td>889</td>
<td>1367</td>
<td>1437</td>
</tr>
</tbody>
</table>

Average 2 Hour Peak Usage by Mode

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 11,290
WEEKLY: 79,300
MONTHLY: 343,000
YEARLY: 4,120,000

Survey sample size

<table>
<thead>
<tr>
<th>Walking</th>
<th>25</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biking</td>
<td>60</td>
</tr>
<tr>
<td>Jogging</td>
<td>15</td>
</tr>
<tr>
<td>Other</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>104</td>
</tr>
</tbody>
</table>
EASTBANK ESPLANADE – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 68%
- Walk: 32%
- Other: 0%

2010-2012 Observed Gender - All Users

- Male: 65%
- Female: 35%

2010-2012 Observed Gender - Pedestrians

- Male: 58%
- Female: 42%

2010-2012 Observed Gender - Bicyclists

- Male: 68%
- Female: 32%
EASTBANK ESPLANADE – SURVEY SUMMARY

Why people on bikes use the trail
- Going to/from work or school: 82%
- For Pleasure/Exercise: 13%
- Car: 8%
- Carpool: 0%
- Transit: 10%
- Walk or Bike: 82%

How people on bikes get to the trail

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?
- Accessible/Close
- Direct/good access
- Safer than using...
EASTBANK ESPLANADE – SURVEY SUMMARY

How often people on bikes use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
<th>40%</th>
<th>45%</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>0-5 Times</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-10 Times</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11-20 Times</td>
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<tr>
<td>Daily</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Seasons that people on bikes use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
<th>40%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Fall</td>
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<td></td>
<td></td>
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<tr>
<td>Winter</td>
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<td></td>
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<tr>
<td>Spring</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ages of people on bikes on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
<th>40%</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 to 34</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>35 to 55</td>
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<td></td>
<td></td>
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<tr>
<td>56 to 75</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>76 or older</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Gender of people on bikes surveyed using this trail

- Female: 32%
- Male: 68%
EASTBANK ESPLANADE – SURVEY SUMMARY

Why walkers use the trail

For Pleasure/Exercise 84%

Why walkers use this trail instead of walking elsewhere

- Scenic Qualities: 80%
- Flat/Low: 70%
- Other: 30%

How walkers get to the trail

- Car: 44%
- Transit: 31%
- Walk or Bike: 22%
- Carpool: 3%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

- Condition of Trail Surface: 90%
- Width of Trail: 80%
- Length of Trail: 70%
- Crowding on Trail: 60%
- Speed on Trail: 50%
- Connectivity: 40%
- Availability of Information: 30%
- Availability of Facilities: 20%
- Other: 10%
EASTBANK ESPLANADE – SURVEY SUMMARY

How often walkers use this trail

Times per month

First Time 0-5 Times 6-10 Times 11-20 Times Daily

0% 10% 20% 30% 40% 50% 60%

0% 5% 10% 15% 20% 25% 30%

Summer Fall Winter Spring

Seasons that walkers use this trail

0% 5% 10% 15% 20% 25% 30% 35%

17 or younger 18 to 34 35 to 55 56 to 75 76 or older

Ages of walkers surveyed on this trail

0% 10% 20% 30% 40% 50% 60%

Female 46% Male 54%

Gender of walkers surveyed on this trail
EASTBANK ESPLANADE – SURVEY SUMMARY

Why joggers use the trail

- For Pleasure/Exercise: 100%

How joggers get to the trail

- Walk or Bike: 43%
- Car: 57%

Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

Why joggers use this trail instead of jogging elsewhere

- Accessible/close: 90%
- Flat/Level: 80%
- Scenic Qualities: 70%
- Safer than using...: 60%
- Direct/good...: 50%
- Other: 10%
EASTBANK ESPLANADE – SURVEY SUMMARY

How often joggers use this trail

- First Time: 0%
- 0-5 Times: 25%
- 6-10 Times: 20%
- 11-20 Times: 40%
- Daily: 5%

Seasons that joggers use this trail

- Summer: 30%
- Fall: 25%
- Winter: 20%
- Spring: 25%

Ages of joggers surveyed on this trail

- 17 or younger: 10%
- 18 to 34: 50%
- 35 to 55: 20%
- 56 to 75: 15%
- 76 or older: 5%

Gender of joggers surveyed on this trail

- Female: 60%
- Male: 40%
EASTBANK ESPLANADE – SURVEY SUMMARY

Why people use this trail

- For Pleasure/Exercise: 36%
- Going to/from work or school: 61%

How people get to this trail

- Walk or Bike: 67%
- Car: 20%
- Transit: 13%
- Carpool: 0%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe: 100%
- Clean: 100%
- Length of trail: 80%
- Crowding on trail: 90%
- Speed on trail: 70%
- Access points: 80%
- Access for persons with disabilities: 90%
- Availability of information: 90%
- Availability of facilities: 80%

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities: 70%
- Direct/good connections: 60%
- Safer than using roads: 70%
- Accessible/close: 70%
- Flat/Level: 10%
EASTBANK ESPLANADE – SURVEY SUMMARY

How often people use this trail

- First Time: 0%
- 0-5 Times: 10%
- 6-10 Times: 20%
- 11-20 Times: 30%
- Daily: 40%

Times per month

Seasons that people use this trail

- Summer: 30%
- Fall: 25%
- Winter: 20%
- Spring: 15%

Ages of trail users surveyed

- 17 or younger: 5%
- 18 to 34: 10%
- 35 to 55: 35%
- 56 to 75: 20%
- 76 or older: 10%

Gender of trail users surveyed

- Female: 36%
- Male: 64%
**FANNO CREEK TRAIL**

**Annual Count Data**
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 607 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>-</td>
<td>48</td>
<td>14</td>
<td>64</td>
<td>66</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>129</td>
<td>41</td>
<td>134</td>
<td>123</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>0</td>
<td>2</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>-</td>
<td>177</td>
<td>57</td>
<td>200</td>
<td>192</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Site 701 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>-</td>
<td>69</td>
<td>40</td>
<td>44</td>
<td>95</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>54</td>
<td>37</td>
<td>54</td>
<td>72</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>9</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>-</td>
<td>124</td>
<td>78</td>
<td>99</td>
<td>176</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>-</td>
<td>34</td>
<td>17</td>
<td>34</td>
<td>55</td>
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<td>Walk</td>
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<td>85</td>
<td>92</td>
<td>140</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>2</td>
<td>0</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>-</td>
<td>114</td>
<td>102</td>
<td>129</td>
<td>201</td>
</tr>
</tbody>
</table>

**Estimated Average Usage**
(2010-2012 rolling average, all user types)

- **DAILY:** 1,260
- **WEEKLY:** 8,800
- **MONTHLY:** 38,000
- **YEARLY:** 460,000

**Survey sample size**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Sample Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>247</td>
</tr>
<tr>
<td>Biking</td>
<td>198</td>
</tr>
<tr>
<td>Jogging</td>
<td>97</td>
</tr>
<tr>
<td>Other</td>
<td>19</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>561</td>
</tr>
</tbody>
</table>

**Average 2 Hour Peak Usage by Mode**

- **Bike**
- **Walk**
- **Other**
FANNO CREEK TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk: 63%
- Bike: 35%
- Other: 2%

2010-2012 Observed Gender - All Users

- Male: 63%
- Female: 37%

2010-2012 Observed Gender - Pedestrians

- Male: 57%
- Female: 43%

2010-2012 Observed Gender - Bicyclists

- Male: 74%
- Female: 26%
FANNO CREEK TRAIL – SURVEY SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise: 43%
- Going to/from work or school: 50%

How people on bikes get to the trail

- Walk or Bike: 61%
- Car: 30%
- Transit: 6%
- Carpool: 3%

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible/close: 80%
- Direct/good...: 50%
- Safer than using...: 50%
- Scenic Qualities: 50%
- Flat/Level: 30%
- Other: 0%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

- Safety
- Clean
- Condition of trail surface
- Worth of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural features/area
- Access points - connectivity
- Access for persons with disabilities
- Availability of information
- Availability of facilities
FANNO CREEK TRAIL – SURVEY SUMMARY

How often people on bikes use this trail

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>10%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>15%</td>
</tr>
<tr>
<td>Daily</td>
<td>20%</td>
</tr>
</tbody>
</table>

Seasons that people on bikes use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>30%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>15%</td>
</tr>
<tr>
<td>Spring</td>
<td>10%</td>
</tr>
</tbody>
</table>

Ages of people on bikes on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>10%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>10%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>50%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>20%</td>
</tr>
<tr>
<td>76 or older</td>
<td>10%</td>
</tr>
</tbody>
</table>

Gender of people on bikes surveyed using this trail

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>30%</td>
</tr>
<tr>
<td>Male</td>
<td>70%</td>
</tr>
</tbody>
</table>
FANNO CREEK TRAIL – SURVEY SUMMARY

Why walkers use the trail
- For Pleasure/Exercise 94%
- Walk or Bike 44%
- Car 50%
- Transit 5%
- Carpool 1%

How walkers get to the trail

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere
- Accessible/close
- Direct/good...
FANNO CREEK TRAIL – SURVEY SUMMARY

How often walkers use this trail

- First Time: 0%
- 0-5 Times: 25%
- 6-10 Times: 30%
- 11-20 Times: 20%
- Daily: 20%

Times per month

Seasons that walkers use this trail

- Summer: 30%
- Fall: 25%
- Winter: 15%
- Spring: 30%

Ages of walkers surveyed on this trail

- 17 or younger: 5%
- 18 to 34: 10%
- 35 to 55: 40%
- 56 to 75: 20%
- 76 or older: 5%

Gender of walkers surveyed on this trail

- Male: 47%
- Female: 53%
FANNO CREEK TRAIL – SURVEY SUMMARY

Why joggers use the trail

For Pleasure/Exercise 98%

How joggers get to the trail

Walk or Bike 58%
Car 41%
Carpool 1%

Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

Why joggers use this trail instead of jogging elsewhere

Accessible/close
Safer than using roads
Scenic Qualities
Flat/level
Other
FANNO CREEK TRAIL – SURVEY SUMMARY

How often joggers use this trail

- First Time: 0%
- 0-5 Times: 5%
- 6-10 Times: 10%
- 11-20 Times: 15%
- Daily: 20%

Times per month

Seasons that joggers use this trail

- Summer: 30%
- Fall: 25%
- Winter: 20%
- Spring: 15%

Ages of joggers surveyed on this trail

- 17 or younger: 5%
- 18 to 34: 10%
- 35 to 55: 15%
- 56 to 75: 20%
- 76 or older: 5%

Gender of joggers surveyed on this trail

- Female: 45%
- Male: 55%
FANNO CREEK TRAIL – SURVEY SUMMARY

How people get to this trail

- Walk or Bike: 52%
- Car: 42%
- Transit: 4%
- Carpool: 2%

Why people use this trail

- For Pleasure/Exercise: 81%
- Going to/from work or school: 16%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Condition of trail surface
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural features/area
- Access for persons with disabilities
- Availability of information
- Availability of facilities

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good connections
- Safer than using roads
- Accessible/close
- Flat/Level
FANNO CREEK TRAIL – SURVEY SUMMARY

How often people use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td></td>
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<td></td>
<td>5%</td>
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<td>0-5 Times</td>
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<td>15%</td>
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<tr>
<td>6-10 Times</td>
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<td>30%</td>
<td></td>
<td></td>
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<tr>
<td>11-20 Times</td>
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<td></td>
<td>10%</td>
<td>5%</td>
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<tr>
<td>Daily</td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Seasons that people use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td></td>
<td>35%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td>25%</td>
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<tr>
<td>Winter</td>
<td></td>
<td>15%</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td>10%</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

Ages of trail users surveyed

- 17 or younger: 10%
- 18 to 34: 20%
- 35 to 55: 30%
- 56 to 75: 20%
- 76 or older: 5%

Gender of trail users surveyed

- Female: 45%
- Male: 55%
FRENCHMAN’S BAR VANCOUVER LAKE TRAIL

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 420 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>9</td>
<td>8</td>
<td>4</td>
<td>1</td>
<td>17</td>
</tr>
<tr>
<td>Walk</td>
<td>35</td>
<td>39</td>
<td>15</td>
<td>20</td>
<td>19</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>45</td>
<td>50</td>
<td>19</td>
<td>21</td>
<td>36</td>
</tr>
</tbody>
</table>

Average 2 Hour Peak Usage by Mode

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 230
WEEKLY: 1,600
MONTHLY: 7,000
YEARLY: 80,000

Survey sample size

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>15</td>
</tr>
<tr>
<td>Biking</td>
<td>16</td>
</tr>
<tr>
<td>Jogging*</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>32</td>
</tr>
</tbody>
</table>

* insufficient number of surveys collected for analysis
FRENCHMAN’S BAR VANCOUVER LAKE TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk: 71%
- Bike: 29%
- Other: 0%

2010-2012 Observed Gender - All Users

- Male: 56%
- Female: 44%

2010-2012 Observed Gender - Pedestrians

- Male: 52%
- Female: 48%

2010-2012 Observed Gender - Bicyclists

- Male: 66%
- Female: 34%
FRENCHMAN’S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise: 100%

How people on bikes get to the trail

- Walk or Bike: 47%
- Car: 40%
- Carpool: 13%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible close: 80%
- Direct/good: 40%
- Safer than using roads: 70%
- Scenic qualities: 80%
- Flat/level: 60%
- Other: 50%
FRENCHMAN’S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY

How often people on bikes use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
<th>50%</th>
<th>60%</th>
<th>70%</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-5 Times</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>6-10 Times</td>
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<tr>
<td>11-20 Times</td>
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<td>Daily</td>
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<td></td>
</tr>
</tbody>
</table>

Seasons that people on bikes use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>35%</th>
<th>40%</th>
<th>45%</th>
<th>50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td>Fall</td>
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<td>Winter</td>
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<tr>
<td>Spring</td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ages of people on bikes surveyed on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
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<tr>
<td>18 to 34</td>
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<tr>
<td>35 to 55</td>
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<tr>
<td>56 to 75</td>
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<tr>
<td>76 or older</td>
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<td></td>
</tr>
</tbody>
</table>

Gender of people on bikes surveyed using this trail

- Male: 31%
- Female: 69%
FRENCHMAN’S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY

Why walkers use the trail

- For Pleasure/Exercise: 100%

How walkers get to the trail

- Walk or Bike: 31%
- Car: 69%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere

- Accessible/close
- Direct/good connections
- Safer than using roads
- Scenic Qualities
- Flat/Level
- Other
**FRENCHMAN’S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY**

**How often walkers use this trail**

<table>
<thead>
<tr>
<th>Times per month</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-5 Times</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-10 Times</td>
<td>35%</td>
<td>30%</td>
<td>25%</td>
<td>20%</td>
<td>15%</td>
<td>10%</td>
<td>5%</td>
<td>0%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td></td>
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<tr>
<td>Daily</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

** Seasons that walkers use this trail**

<table>
<thead>
<tr>
<th>Season</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>30%</td>
<td>25%</td>
<td>20%</td>
<td>15%</td>
<td>10%</td>
<td>5%</td>
<td>0%</td>
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</tr>
<tr>
<td>Fall</td>
<td>15%</td>
<td>10%</td>
<td>5%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winter</td>
<td>10%</td>
<td>5%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>5%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Ages of walkers surveyed on this trail**

- 17 or younger: 5%
- 18 to 34: 10%
- 35 to 55: 35%
- 56 to 75: 20%
- 76 or older: 10%

**Gender of walkers surveyed on this trail**

- Female: 33%
- Male: 67%
FRENCHMAN’S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY

Why people use this trail

For Pleasure/Exercise 100%

How people get to this trail

Car 60%
Walk or Bike 36%
Carpool 4%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

Why people use this trail instead of biking or walking elsewhere
FRENCHMAN’S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY

How often people use this trail

- First Time: 0%
- 0-5 Times: 5%
- 6-10 Times: 10%
- 11-20 Times: 20%
- Daily: 25%

Times per month

Seasons that people use this trail

- Summer: 35%
- Fall: 30%
- Winter: 25%
- Spring: 10%

Ages of trail users

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 30%
- 56 to 75: 40%
- 76 or older: 5%

Gender of surveyed trail users

- Male: 56%
- Female: 44%
GRESHAM-FAIRVIEW TRAIL

Annual Count Data (Average 2 hour peak counts) 2008 2009 2010 2011 2012

<table>
<thead>
<tr>
<th>Site 517 – Weekday</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>24</td>
<td>26</td>
<td></td>
<td>22</td>
</tr>
<tr>
<td>Walk</td>
<td>25</td>
<td>23</td>
<td></td>
<td>11</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>0</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>49</td>
<td>49</td>
<td></td>
<td>33</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Site 519 – Weekday</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td></td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>Walk</td>
<td></td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Other</td>
<td></td>
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<td></td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td>23</td>
</tr>
</tbody>
</table>

Average 2 Hour Peak Usage by Mode

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walk</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Estimated Average Usage (2010-2012 rolling average, all user types)

**DAILY:** 270  **MONTHLY:** 8,000

**WEEKLY:** 1,900  **YEARLY:** 100,000

Survey sample size

<table>
<thead>
<tr>
<th>User Type</th>
<th>Sample Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>10</td>
</tr>
<tr>
<td>Biking</td>
<td>8</td>
</tr>
<tr>
<td>Jogging*</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>18</td>
</tr>
</tbody>
</table>

* insufficient number of surveys collected for analysis

Intertwine trail use snapshot | 2013  C-61
GRESHAM-FAIRVIEW TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 56%
- Walk: 44%
- Other: 0%

2010-2012 Observed Gender - All Users

- Male: 67%
- Female: 33%

2010-2012 Observed Gender - Pedestrians

- Male: 59%
- Female: 41%

2010-2012 Observed Gender - Bicyclists

- Male: 74%
- Female: 26%
GRESHAM-FAIRVIEW TRAIL – SURVEY DATA SUMMARY

Why people on bikes use the trail

- Going to/from work or school: 100%

How people on bikes get to the trail

- Walk or Bike: 75%
- Transit: 25%

Why are people on bikes using this trail instead of riding elsewhere?

- Scenic qualities: 100%
- Direct/ good connections: 90%
- Safer than using roads: 80%
- Flat/ Level: 70%
- Other: 60%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

- Safe: 100%
- Clean: 90%
- Condition of trail surface: 80%
- Width of trail: 70%
- Length of trail: 60%
- Crowding on Trail: 50%
- Speed on trail: 40%
- Condition of natural environment: 30%
- Access points – connectivity: 20%
- Availability of information: 10%
- Availability of facilities: 0%
GRESHAM-FAIRVIEW TRAIL – SURVEY DATA SUMMARY

How often people on bikes use this trail

- First Time: 10%
- 0-5 Times: 15%
- 6-10 Times: 5%
- 11-20 Times: 20%
- Daily: 50%

Seasons that people on bikes use this trail

- Summer: 30%
- Fall: 25%
- Winter: 20%
- Spring: 25%

Ages of people on bikes surveyed on this trail

- 17 or younger: 10%
- 18 to 34: 25%
- 35 to 55: 35%
- 56 to 75: 15%
- 76 or older: 5%

Gender of people on bikes surveyed using this trail

- Male: 100%
GRESHAM-FAIRVIEW TRAIL – SURVEY DATA

SUMMARY

Why walkers use the trail

- For Pleasure/Exercise: 100%

How walkers get to the trail

- Walk or Bike: 88%
- Transit: 13%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere

- Accessible/Close
- Direct/good
- Safer than using
- Scenic Qualities
- Flat/Level
- Other
GRESHAM-FAIRVIEW TRAIL – SURVEY DATA SUMMARY

How often walkers use this trail

Seasons that walkers use this trail

Ages of walkers surveyed on this trail

Gender of walkers surveyed on this trail
GRESHAM-FAIRVIEW TRAIL – SURVEY DATA SUMMARY

Why people use this trail

- For Pleasure/Exercise: 67%
- Going to/from work or school: 33%

How people get to this trail

- Transit: 17%
- Walk or Bike: 83%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities: 10%
- Direct/good access: 20%
- Safer than using roads: 70%
- Accessible/close: 30%
- Flat/Level: 10%
GRESHAM-FAIRVIEW TRAIL – SURVEY DATA SUMMARY

How often people use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>10%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>20%</td>
</tr>
<tr>
<td>Daily</td>
<td>60%</td>
</tr>
</tbody>
</table>

Seasons that people use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>35%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>15%</td>
</tr>
<tr>
<td>Spring</td>
<td>10%</td>
</tr>
</tbody>
</table>

Ages of surveyed trail users

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>5%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>10%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>30%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>25%</td>
</tr>
<tr>
<td>76 or older</td>
<td>15%</td>
</tr>
</tbody>
</table>

Gender of surveyed trail users

- Male: 93%
- Female: 7%
# HILLSBORO TO FOREST GROVE TRAIL

## Annual Count Data

*(Average 2 hour peak counts)*

<table>
<thead>
<tr>
<th>Site</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 325 - Weekday</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>9</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td><strong>11</strong></td>
</tr>
<tr>
<td>Site 326 - Weekday</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>7</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td><strong>9</strong></td>
</tr>
</tbody>
</table>

## Average 2 Hour Peak Usage by Mode

![Average 2 Hour Peak Usage by Mode](chart.png)

### Estimated Average Usage

*(2010-2012 rolling average, all user types)*

- **DAILY:** 90
- **WEEKLY:** 600
- **MONTHLY:** 3,000
- **YEARLY:** 30,000

---

The Hillsboro to Forest Grove Trail is planned for future construction. Count locations for this trail record usage along a parallel facility to track information about usage before and after construction.

An insufficient number of surveys were collected on this trail for detailed analysis.
HILLSBORO TO FOREST GROVE TRAIL - COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 80%
- Walk: 20%
- Other: 0%

2010-2012 Observed Gender - All Users

- Male: 75%
- Female: 25%

2010-2012 Observed Gender - Pedestrians

- Male: 100%
- Female: 0%

2010-2012 Observed Gender - Bicyclists

- Male: 69%
- Female: 31%
I-205 MULTI USE PATH

Annual Count Data (Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site</th>
<th>Year 2008</th>
<th>Year 2009</th>
<th>Year 2010</th>
<th>Year 2011</th>
<th>Year 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 106 – Weekday</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike</td>
<td>67</td>
<td>-</td>
<td>-</td>
<td>65</td>
<td>81</td>
</tr>
<tr>
<td>Walk</td>
<td>42</td>
<td>-</td>
<td>-</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Other</td>
<td>5</td>
<td>-</td>
<td>-</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>114</td>
<td>-</td>
<td>-</td>
<td>77</td>
<td>94</td>
</tr>
<tr>
<td>Site 109 – Weekday</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>155</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>12</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>168</td>
</tr>
</tbody>
</table>

Estimated Average Usage (2010-2012 rolling average, all user types)

DAILY: 1,180   MONTHLY: 36,000
WEEKLY: 8,300   YEARLY: 430,000

Survey sample size

<table>
<thead>
<tr>
<th>Activity</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>7</td>
</tr>
<tr>
<td>Biking</td>
<td>42</td>
</tr>
<tr>
<td>Jogging*</td>
<td>1</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>51</td>
</tr>
</tbody>
</table>

* insufficient number of surveys collected for analysis
I-205 MULTI USE PATH – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 88%
- Walk: 11%
- Other: 1%

2010-2012 Observed Gender - All Users

- Male: 74%
- Female: 26%

2010-2012 Observed Gender - Pedestrians

- Female: 64%
- Male: 36%

2010-2012 Observed Gender - Bicyclists

- Male: 79%
- Female: 21%
I-205 MULTI USE PATH – SURVEY DATA SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise: 64%
- Going to/from work or school: 29%

How people on bikes get to the trail

- Walk or Bike: 59%
- Car: 32%
- Transit: 9%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible/Close
- Direct/good connections
- Safer than using roads
- Scenic Qualities
- Flat/Level
- Other
I-205 MULTI USE PATH – SURVEY DATA SUMMARY

How often people on bikes use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>First Time</th>
<th>0-5 Times</th>
<th>6-10 Times</th>
<th>11-20 Times</th>
<th>Daily</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

Seasons that people on bikes use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30%</td>
<td>25%</td>
<td>20%</td>
<td>35%</td>
</tr>
</tbody>
</table>

Ages of people on bikes surveyed on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>10%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>20%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>60%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>10%</td>
</tr>
<tr>
<td>76 or older</td>
<td>0%</td>
</tr>
</tbody>
</table>

Gender of people on bikes surveyed using this trail

- Male: 81%
- Female: 19%
I-205 MULTI USE PATH – SURVEY DATA SUMMARY

Why walkers use the trail

- For Pleasure/Exercise: 72%
- Car: 14%
- Transit: 14%

How walkers get to the trail

- Walk or Bike: 50%
- Car: 17%
- Transit: 33%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

How often walkers use this trail

- Accessable/close
- Direct/good connections
- Safer than using roads
- Scenic Qualities
- Flat/Level
- Other
I-205 MULTI USE PATH – SURVEY DATA SUMMARY

How often walkers use this trail

Seasons that people walking use this trail

Ages of walkers surveyed on this trail

Gender of walkers surveyed on this trail
I-205 MULTI USE PATH – SURVEY DATA SUMMARY

Why people use this trail

- For Pleasure/Exercise: 68%
- Going to/from work or school: 23%

How people get to this trail

- Walk or Bike: 58%
- Car: 26%
- Transit: 16%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural features/area
- Access points - connectivity
- Access for persons with disabilities
- Availability of information
- Availability of facilities

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good route
- Safer than using roads
- Accessible/close
- Flat/level
I-205 MULTI USE PATH – SURVEY DATA SUMMARY

How often people use this trail

- First Time: 0%
- 0-5 Times: 35%
- 6-10 Times: 25%
- 11-20 Times: 20%
- Daily: 10%

Seasons that people use this trail

- Summer: 30%
- Fall: 25%
- Winter: 15%
- Spring: 30%

Ages of trail users surveyed

- 17 or younger: 10%
- 18 to 34: 10%
- 35 to 55: 40%
- 56 to 75: 20%
- 76 or older: 10%

Gender of trail users surveyed

- Female: 21%
- Male: 79%
INTERSTATE BRIDGE PATH

Annual Count Data (Average 2 hour peak counts) | 2008 | 2009 | 2010 | 2011 | 2012
--- | --- | --- | --- | --- | ---
Site 460 – Weekday
Bike | - | - | 20 | 38 | -
Walk | - | - | 0 | 1 | -
Other | - | - | 0 | 0 | -
Total | - | - | 20 | 39 | -
Site 461 – Weekday
Bike | - | 37 | - | - | 50
Walk | - | 0 | - | - | 4
Other | - | 0 | - | - | 0
Total | - | 37 | - | - | 54

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 250 MONTHLY: 8,000
WEEKLY: 1,700 YEARLY: 90,000

Survey sample size
Walking 3
Biking 24
Jogging* 0
Other 0
Total 27

* insufficient number of surveys collected for analysis
INTERSTATE BRIDGE PATH – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 96%
- Walk: 4%
- Other: 0%

2010-2012 Observed Gender - All Users

- Male: 88%
- Female: 12%

2010-2012 Observed Gender - Pedestrians

- Male: 40%
- Female: 60%

2010-2012 Observed Gender - Bicyclists

- Male: 90%
- Female: 10%
INTERSTATE BRIDGE PATH – SURVEY DATA

SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise 63%
- Going to/from work or school 33%

How people on bikes get to the trail

- Walk or Bike 64%
- Car 27%
- Transit 9%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible/close
- Direct/good route
- Safer than using roads
- Scenic Qualities
- Flat/Level
- Other
INTERSTATE BRIDGE PATH – SURVEY DATA SUMMARY

How often people on bikes use this trail

- First Time: 5%
- 0-5 Times: 20%
- 6-10 Times: 20%
- 11-20 Times: 20%
- Daily: 35%

Seasons that people on bikes use this trail

- Summer: 25%
- Fall: 30%
- Winter: 10%
- Spring: 20%

Gender of people on bikes surveyed using this trail

- Male: 71%
- Female: 29%

Ages of people on bikes on this trail

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 60%
- 56 to 75: 15%
- 76 or older: 15%
INTERSTATE BRIDGE PATH – SURVEY DATA SUMMARY

Why walkers use the trail

- For Pleasure/Exercise: 100%

How walkers get to the trail

- Car: 34%
- Transit: 33%
- Walk or Bike: 33%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere

- Accessible/clear: 120%
- Direct/good connections: 80%
- Safer than using roads: 70%
- Scenic Qualities: 70%
- Flat/Low: 70%
- Other: 70%
INTERSTATE BRIDGE PATH – SURVEY DATA SUMMARY

How often walkers use this trail

- First Time: 0%
- 0-5 Times: 10%
- 6-10 Times: 20%
- 11-20 Times: 30%
- Daily: 40%

Times per month

Seasons that walkers use this trail

- Summer: 30%
- Fall: 25%
- Winter: 15%
- Spring: 30%

Ages of walkers on this trail

- 17 or younger: 0%
- 18 to 34: 20%
- 35 to 55: 80%
- 56 to 75: 0%
- 76 or older: 0%

Gender of walkers surveyed on this trail

- Female: 33%
- Male: 67%
INTERSTATE BRIDGE PATH – SURVEY DATA SUMMARY

Why people use this trail

- Going to/from work or school: 30%
- For Pleasure/Exercise: 66%

How people get to this trail

- Walk or Bike: 60%
- Car: 28%
- Transit: 12%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of trail surface
- Condition of natural features/area
- Access points – connectivity
- Access for persons with disabilities
- Availability of information
- Availability of facilities

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good...}

Intertwine trail use snapshot | 2013  C-85
INTERSTATE BRIDGE PATH – SURVEY DATA
SUMMARY

**How often people use this trail**

- First Time: 5%
- 0-5 Times: 35%
- 6-10 Times: 20%
- 11-20 Times: 15%
- Daily: 30%

**Seasons that people use this trail**

- Summer: 25%
- Fall: 25%
- Winter: 15%
- Spring: 30%

**Ages of trail users**

- 17 or younger: 10%
- 18 to 34: 15%
- 35 to 55: 60%
- 56 to 75: 10%
- 76 or older: 5%

**Gender of trail users surveyed**

- Female: 30%
- Male: 70%
LACAMAS HERITAGE TRAIL

Annual Count Data
(Average 2 hour peak counts) 2008 2009 2010 2011 2012

<table>
<thead>
<tr>
<th>Site 450 – Weekday</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>18</td>
<td>11</td>
<td>24</td>
<td>1</td>
<td>11</td>
</tr>
<tr>
<td>Walk</td>
<td>57</td>
<td>85</td>
<td>78</td>
<td>71</td>
<td>105</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>75</strong></td>
<td><strong>96</strong></td>
<td><strong>102</strong></td>
<td><strong>72</strong></td>
<td><strong>118</strong></td>
</tr>
</tbody>
</table>

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 890
WEEKLY: 6,300
MONTHLY: 27,000
YEARLY: 330,000

Survey sample size

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>30</td>
</tr>
<tr>
<td>Biking</td>
<td>9</td>
</tr>
<tr>
<td>Jogging</td>
<td>57</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>97</strong></td>
</tr>
</tbody>
</table>
LACAMAS HERITAGE TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk: 87%
- Bike: 12%
- Other: 1%

2010-2012 Observed Gender - All Users

- Male: 51%
- Female: 49%

2010-2012 Observed Gender - Pedestrians

- Male: 50%
- Female: 50%

2010-2012 Observed Gender - Bicyclists

- Male: 61%
- Female: 39%
LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise 100%

How people on bikes get to the trail

- Car 75%
- Transit 14%
- Walk or Bike 13%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible/close
- Direct/good
- Safer than using...
- Scenic Qualities
- Flat/Level
- Other
LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

How often people on bikes use this trail

- First Time: 0%
- 0-5 Times: 50%
- 6-10 Times: 10%
- 11-20 Times: 20%
- Daily: 25%

Seasons that people on bikes use this trail

- Summer: 35%
- Fall: 25%
- Winter: 15%
- Spring: 25%

Ages of people on bikes surveyed on this trail

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 40%
- 56 to 75: 30%
- 76 or older: 10%

Gender of people on bikes surveyed using this trail

- Male: 56%
- Female: 44%
LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

How walkers get to the trail

- Car 97%

Why walkers use the trail

- For Pleasure/Exercise 100%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Condition of trail surface
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural features/area
- Access points - connectivity
- Access for persons with disabilities
- Availability of information
- Availability of facilities

Why walkers use this trail instead of walking elsewhere

- Accessible/close
- Direct/good connections
- Safer than using roads
- Scenic Qualities
- Flat/Level
- Other
LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

How often walkers use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
<th>50%</th>
<th>60%</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
<td>10%</td>
<td>15%</td>
<td>20%</td>
<td>25%</td>
<td>30%</td>
<td>35%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>20%</td>
<td>30%</td>
<td>40%</td>
<td>50%</td>
<td>60%</td>
<td>70%</td>
<td></td>
</tr>
<tr>
<td>11-20 Times</td>
<td>35%</td>
<td>50%</td>
<td>70%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daily</td>
<td>5%</td>
<td>10%</td>
<td>15%</td>
<td>20%</td>
<td>25%</td>
<td>30%</td>
<td>35%</td>
</tr>
</tbody>
</table>

Seasons that walkers use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
<th>50%</th>
<th>60%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>30%</td>
<td>40%</td>
<td>50%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
<td>35%</td>
<td>45%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winter</td>
<td>20%</td>
<td>30%</td>
<td>40%</td>
<td>50%</td>
<td>60%</td>
<td>70%</td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>35%</td>
</tr>
</tbody>
</table>

Ages of walkers surveyed on this trail

<table>
<thead>
<tr>
<th>Age</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
<th>50%</th>
<th>60%</th>
<th>70%</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>10%</td>
<td>20%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 to 34</td>
<td>40%</td>
<td>50%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35 to 55</td>
<td>70%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>56 to 75</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>76 or older</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Gender of walkers surveyed on this trail

- Female: 63%
- Male: 37%
LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

How joggers get to the trail
- Car: 90%
- Walk or Bike: 7%
- Carpool: 3%

Why joggers use the trail
- For Pleasure/Exercise: 98%

Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

Why joggers use this trail instead of jogging elsewhere
- Accessible/close: 100%
- Safer than using roads: 80%
- Scenic Qualities: 100%
- Flat/Level: 60%
- Other: 40%
LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

How often joggers use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
<th>40%</th>
<th>45%</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-5 Times</td>
<td></td>
<td>15%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-10 Times</td>
<td>30%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11-20 Times</td>
<td></td>
<td></td>
<td>30%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daily</td>
<td></td>
<td></td>
<td></td>
<td>5%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Seasons that joggers use this trail

<table>
<thead>
<tr>
<th></th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>25%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winter</td>
<td>20%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>20%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ages of joggers on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 to 34</td>
<td></td>
<td>30%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35 to 55</td>
<td>70%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>56 to 75</td>
<td>10%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>76 or older</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Gender of joggers surveyed on this trail

- Male: 49%
- Female: 51%
LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

Why people use this trail

- For Pleasure/Exercise: 99%

How people get to this trail

- Car: 89%
- Carpool: 2%
- Transit: 2%
- Walk or Bike: 7%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Condition of trail surface
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural features/area
- Access points - connectivity
- Access for persons with disabilities
- Availability of information
- Availability of facilities

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good connections
- Safer than using roads
- Accessible/close
- Flat/Level
LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

How often people use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>First Time</th>
<th>0-5 Times</th>
<th>6-10 Times</th>
<th>11-20 Times</th>
<th>Daily</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0%</td>
<td>45%</td>
<td>25%</td>
<td>15%</td>
<td>10%</td>
</tr>
</tbody>
</table>

Seasons that people use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>30%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>20%</td>
</tr>
<tr>
<td>Spring</td>
<td>25%</td>
</tr>
</tbody>
</table>

Ages of surveyed trail users

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>5%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>10%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>50%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>15%</td>
</tr>
<tr>
<td>76 or older</td>
<td>10%</td>
</tr>
</tbody>
</table>

Gender of surveyed trail users

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>47%</td>
</tr>
<tr>
<td>Female</td>
<td>53%</td>
</tr>
</tbody>
</table>
LEIF ERIKSON TRAIL

<table>
<thead>
<tr>
<th>Annual Count Data</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Average 2 hour peak counts)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site 121 – Weekday</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>70</td>
<td>-</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>191</td>
<td>-</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>261</td>
<td>-</td>
</tr>
</tbody>
</table>

Average 2 Hour Peak Usage by Mode

- Walk: 70
- Bike: 191
- Other: 0
- Total: 261

Estimated Average Usage
(2010-2012 rolling average, all user types)

- DAILY: 1,600
- WEEKLY: 11,200
- MONTHLY: 49,000
- YEARLY: 580,000
LEIF ERIKSON TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split
- Walk 73%
- Bike 27%

2010-2012 Observed Gender - All Users
- Male 56%
- Female 44%

2010-2012 Observed Gender - Pedestrians
- Male 45%
- Female 55%

2010-2012 Observed Gender - Bicyclists
- Male 84%
- Female 16%
MARINE DRIVE TRAIL

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 76 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>46</td>
<td>-</td>
<td>49</td>
<td>53</td>
<td>89</td>
</tr>
<tr>
<td>Walk</td>
<td>14</td>
<td>-</td>
<td>23</td>
<td>8</td>
<td>92</td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
<td>-</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>63</td>
<td>-</td>
<td>72</td>
<td>62</td>
<td>181</td>
</tr>
</tbody>
</table>

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 960
WEEKLY: 6,800
MONTHLY: 29,000
YEARLY: 350,000

Survey sample size

| Walking  | 13 |
| Biking   | 36 |
| Jogging  | 6  |
| Other    | 5  |
| Total    | 60 |

Intertwine trail use snapshot | 2013 C-99
MARINE DRIVE TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 61%
- Walk: 39%
- Other: 0%

2010-2012 Observed Gender - All Users

- Male: 66%
- Female: 34%

2010-2012 Observed Gender - Pedestrians

- Male: 57%
- Female: 43%

2010-2012 Observed Gender - Bicyclists

- Male: 72%
- Female: 28%
MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise: 89%
- Going to/from work or school: 11%

How people on bikes get to the trail

- Walk or Bike: 74%
- Transit: 10%
- Car: 16%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Width
- Length
- Crowding
- Speed
- Condition of trail
- Condition of natural features
- Access for persons with disabilities
- Accessibility
- Availability of facilities

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible/close
- Direct/good
- Safer than using roads
- Scenic Qualities
- Flat/Level
- Other
MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

How often people on bikes use this trail

- First Time: 0%
- 0-5 Times: 45%
- 6-10 Times: 30%
- 11-20 Times: 10%
- Daily: 5%

Times per month

Seasons that people on bikes use this trail

- Summer: 30%
- Fall: 25%
- Winter: 20%
- Spring: 15%

Ages of people on bikes surveyed this trail

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 60%
- 56 to 75: 20%
- 76 or older: 10%

Gender of people on bikes surveyed using this trail

- Female: 33%
- Male: 67%
MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

Why walkers use the trail

- For Pleasure/Exercise: 100%

How walkers get to the trail

- Car: 79%
- Walk or Bike: 14%
- Carpool: 7%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere

- Accessible close: 90%
- Direct/good connections: 80%
- Safer than using roads: 70%
- Scenic Qualities: 90%
- Flat/Level: 20%
- Other: 10%
**MARINE DRIVE TRAIL – SURVEY DATA SUMMARY**

**How often walkers use this trail**

- First Time: 0%
- 0-5 Times: 5%
- 6-10 Times: 10%
- 11-20 Times: 15%
- Daily: 20%

- Times per month

**Seasons that walkers use this trail**

- Summer: 30%
- Fall: 25%
- Winter: 15%
- Spring: 20%

**Ages of walkers surveyed on this trail**

- 17 or younger: 5%
- 18 to 34: 10%
- 35 to 55: 50%
- 56 to 75: 20%
- 76 or older: 15%

**Gender of walkers surveyed on this trail**

- Female: 31%
- Male: 69%
MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

Why joggers use the trail

For Pleasure/Exercise 100%

How joggers get to the trail

Walk or Bike 83%
Car 17%

Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

Why joggers use this trail instead of jogging elsewhere

Accessible/close
Direct/good connections
Safer than using roads
Scenic Qualities
Flat/Level
Other

Intertwine trail use snapshot | 2013 C-105
MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

How often joggers use this trail

- First Time: 0%
- 0-5 Times: 15%
- 6-10 Times: 25%
- 11-20 Times: 20%
- Daily: 5%

Times per month

Seasons that joggers use this trail

- Summer: 20%
- Fall: 25%
- Winter: 15%
- Spring: 30%

Ages of joggers surveyed on this trail

- 17 or younger: 20%
- 18 to 34: 20%
- 35 to 55: 20%
- 56 to 75: 20%
- 76 or older: 10%

Gender of joggers surveyed on this trail

- Male: 50%
- Female: 50%
MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

Why people use this trail

- For Pleasure/Exercise: 92%
- Going to/from work or school: 8%

How people get to this trail

- Walk or Bike: 65%
- Car: 27%
- Transit: 7%
- Carpool: 1%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good...
- Safer than using...
- Accessible/close
- Flat/Level
MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

How often people use this trail

- First Time: 5%
- 0-5 Times: 45%
- 6-10 Times: 20%
- 11-20 Times: 15%
- Daily: 10%

Times per month

Seasons that people use this trail

- Summer: 30%
- Fall: 25%
- Winter: 15%
- Spring: 30%

Ages of trail users surveyed

- 17 or younger: 10%
- 18 to 34: 20%
- 35 to 55: 50%
- 56 to 75: 10%
- 76 or older: 5%

Gender of trail users surveyed

- Male: 66%
- Female: 34%
# NORTH PORTLAND WILLAMETTE GREENWAY TRAIL

## Annual Count Data

(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 32 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>-</td>
<td>13</td>
<td>5</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>19</td>
<td>34</td>
<td>10</td>
<td>23</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>-</td>
<td>33</td>
<td>39</td>
<td>10</td>
<td>23</td>
</tr>
</tbody>
</table>

## Average 2 Hour Peak Usage by Mode

- **Other**
- **Walk**
- **Bike**

## Estimated Average Usage

(2010-2012 rolling average, all user types)

- **DAILY:** 220
- **WEEKLY:** 1,500
- **MONTHLY:** 7,000
- **YEARLY:** 80,000

## Survey sample size

<table>
<thead>
<tr>
<th>User Type</th>
<th>Sample Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>16</td>
</tr>
<tr>
<td>Biking*</td>
<td>2</td>
</tr>
<tr>
<td>Jogging*</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>23</td>
</tr>
</tbody>
</table>

* insufficient number of surveys collected for analysis
NORTH PORTLAND WILLAMETTE GREENWAY TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split
- Walk: 93%
- Bike: 7%
- Other: 0%

2010-2012 Observed Gender - All Users
- Male: 37%
- Female: 63%

2010-2012 Observed Gender - Pedestrians
- Male: 37%
- Female: 63%

2010-2012 Observed Gender - Bicyclists
- Male: 40%
- Female: 60%
NORTH PORTLAND WILLAMETTE GREENWAY TRAIL – SURVEY DATA SUMMARY

Why walkers use the trail

- For Pleasure/Exercise: 94%

- Car: 22%
- Transit: 11%
- Walk or Bike: 67%

How walkers get to the trail

- Car: 22%
- Transit: 11%
- Walk or Bike: 67%

Why walkers use this trail instead of walking elsewhere

- Accessible/close: 10%
- Direct/good connections: 10%
- Safer than using roads: 20%
- Scenic Qualities: 80%
- Flat/Level: 50%
- Other: 10%
NORTH PORTLAND WILLAMETTE GREENWAY TRAIL – SURVEY DATA SUMMARY

How often walkers use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>First Time</th>
<th>0-5 Times</th>
<th>6-10 Times</th>
<th>11-20 Times</th>
<th>Daily</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage</td>
<td>0%</td>
<td>10%</td>
<td>20%</td>
<td>30%</td>
<td>40%</td>
</tr>
</tbody>
</table>

Seasons that walkers use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>25%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>25%</td>
</tr>
<tr>
<td>Spring</td>
<td>25%</td>
</tr>
</tbody>
</table>

Ages of walkers surveyed on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>10%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>20%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>30%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>10%</td>
</tr>
<tr>
<td>76 or older</td>
<td>10%</td>
</tr>
</tbody>
</table>

Gender of walkers surveyed on this trail

- Male: 50%
- Female: 50%
NORTH PORTLAND WILLAMETTE GREENWAY TRAIL –
SURVEY DATA SUMMARY

Why people use this trail
- For Pleasure/Exercise: 95%
- Going to/from work or school: 5%

How people get to this trail
- Walk or Bike: 67%
- Car: 24%
- Transit: 9%

Why people use this trail instead of biking or walking elsewhere

Share of responses with "Good" or "Excellent" ratings of the trail attributes

Why people use this trail
- For Pleasure/Exercise: 95%
- Going to/from work or school: 5%
NORTH PORTLAND WILLAMETTE GREENWAY TRAIL – SURVEY DATA SUMMARY

How often people use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>10%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>30%</td>
</tr>
<tr>
<td>Daily</td>
<td>50%</td>
</tr>
</tbody>
</table>

Seasons that people use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>25%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>25%</td>
</tr>
<tr>
<td>Spring</td>
<td>25%</td>
</tr>
</tbody>
</table>

Ages of trail users surveyed

<table>
<thead>
<tr>
<th>Age Group</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>0%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>40%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>50%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>5%</td>
</tr>
<tr>
<td>76 or older</td>
<td>0%</td>
</tr>
</tbody>
</table>

Gender of trail users surveyed

<table>
<thead>
<tr>
<th>Gender</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>50%</td>
</tr>
<tr>
<td>Female</td>
<td>50%</td>
</tr>
</tbody>
</table>
NORTHWEST PORTLAND
WILLAMETTE GREENWAY TRAIL

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 7 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>-</td>
<td>29</td>
<td>-</td>
<td>-</td>
<td>19</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>110</td>
<td>-</td>
<td>-</td>
<td>151</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>-</td>
<td><strong>139</strong></td>
<td>-</td>
<td>-</td>
<td><strong>172</strong></td>
</tr>
</tbody>
</table>

Estimated Average Usage
(2010-2012 rolling average, all user types)

**DAILY:** 1,480
**WEEKLY:** 10,400
**MONTHLY:** 45,000
**YEARLY:** 540,000

Survey sample size

| Walking       | 10 |
| Biking        |  4 |
| Jogging       |  5 |
| Other         |  1 |
| **Total**     | 20 |
NORTHWEST PORTLAND WILLAMETTE GREENWAY TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk: 85%
- Bike: 14%

2010-2012 Observed Gender - All Users

- Male: 57%
- Female: 43%

2010-2012 Observed Gender - Pedestrians

- Male: 54%
- Female: 46%

2010-2012 Observed Gender - Bicyclists

- Male: 54%
- Female: 46%
PADDEN PARKWAY TRAIL

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 434 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>31</td>
<td>53</td>
<td>18</td>
<td>46</td>
<td>-</td>
</tr>
<tr>
<td>Walk</td>
<td>5</td>
<td>16</td>
<td>8</td>
<td>24</td>
<td>-</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
<td>5</td>
<td>0</td>
<td>7</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>37</strong></td>
<td><strong>74</strong></td>
<td><strong>26</strong></td>
<td><strong>77</strong></td>
<td><strong>-</strong></td>
</tr>
</tbody>
</table>

Average 2 Hour Peak Usage by Mode

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walk</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Estimated Average Usage
(2010-2012 rolling average, all user types)

**DAILY:** 550

**WEEKLY:** 3,900

**MONTHLY:** 17,000

**YEARLY:** 200,000

Survey sample size

<table>
<thead>
<tr>
<th>Mode</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>4</td>
</tr>
<tr>
<td>Biking</td>
<td>9</td>
</tr>
<tr>
<td>Jogging*</td>
<td>2</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

*insufficient number of surveys collected for analysis
PADDEN PARKWAY TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 61%
- Walk: 31%
- Other: 8%

2010-2012 Observed Gender - All Users

- Female: 36%
- Male: 64%

2010-2012 Observed Gender - Pedestrians

- Male: 30%
- Female: 70%

2010-2012 Observed Gender - Bicyclists

- Female: 24%
- Male: 76%
PADDEN PARKWAY TRAIL – SURVEY DATA SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise: 75%
- Going to/from work or school: 25%

How people on bikes get to the trail

- Walk or Bike: 63%
- Car: 38%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Condition of trail surface
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural features/area
- Access points - connectivity
- Access for persons with disabilities
- Availability of information
- Availability of facilities

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible/Close
- Direct/good route
- Safer than using...:
- Scenic Qualities
- Flat/Level
- Other
PADDEN PARKWAY TRAIL – SURVEY DATA SUMMARY

How often people on bikes use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>First Time</th>
<th>0-5 Times</th>
<th>6-10 Times</th>
<th>11-20 Times</th>
<th>Daily</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage</td>
<td>0%</td>
<td>45%</td>
<td>30%</td>
<td>15%</td>
<td>10%</td>
</tr>
</tbody>
</table>

Seasons that people on bikes use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>25%</td>
</tr>
<tr>
<td>Fall</td>
<td>35%</td>
</tr>
<tr>
<td>Winter</td>
<td>10%</td>
</tr>
<tr>
<td>Spring</td>
<td>30%</td>
</tr>
</tbody>
</table>

Ages of people on bikes surveyed this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>10%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>20%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>70%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>5%</td>
</tr>
<tr>
<td>76 or older</td>
<td>5%</td>
</tr>
</tbody>
</table>

Gender of people on bikes surveyed on this trail

- Male: 78%
- Female: 22%
PADDEN PARKWAY TRAIL – SURVEY DATA SUMMARY

Why walkers use the trail

For Pleasure/Exercise 100%

How walkers get to the trail

Walk or Bike 75%
Car 25%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere

Accessible/close
Direct/good connections
Safer than using roads
Scenic Qualities
Flat/Level
Other
### How often walkers use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>20%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>30%</td>
</tr>
<tr>
<td>Daily</td>
<td>80%</td>
</tr>
</tbody>
</table>

### Seasons that walkers use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>25%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>25%</td>
</tr>
<tr>
<td>Spring</td>
<td>25%</td>
</tr>
</tbody>
</table>

### Ages of walkers surveyed this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>10%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>20%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>70%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>10%</td>
</tr>
<tr>
<td>76 or older</td>
<td>10%</td>
</tr>
</tbody>
</table>

### Gender of walkers surveyed this trail

- Female: 33%
- Male: 67%
PADDEN PARKWAY TRAIL – SURVEY DATA SUMMARY

Why people use this trail

- Going to/from work or school: 18%
- For Pleasure/Exercise: 82%

How people get to this trail

- Walk or Bike: 64%
- Car: 36%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe: 100%
- Clean: 100%
- Width of trail: 90%
- Length of trail: 80%
- Crowding on trail: 70%
- Speed on trail: 60%
- Condition of natural features/area: 50%
- Condition of trail surface: 40%
- Access points: accessibility: 30%
- Access for persons with disabilities: 20%
- Availability of information: 10%
- Availability of facilities: 0%

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities: 0%
- Direct/good connections: 30%
- Safer than using roads: 50%
- Accessible/close: 70%
- Flat/Level: 10%
How often people use this trail

- First Time: 0%
- 0-5 Times: 10%
- 6-10 Times: 20%
- 11-20 Times: 30%
- Daily: 40%

Seasons that people use this trail

- Summer: 25%
- Fall: 30%
- Winter: 15%
- Spring: 20%

Ages of trail users surveyed

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 90%
- 56 to 75: 10%
- 76 or older: 0%

Gender of trail users surveyed

- Female: 22%
- Male: 78%
ROCK CREEK TRAIL

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th></th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>49</td>
<td>49</td>
<td>25</td>
<td>47</td>
<td>-</td>
</tr>
<tr>
<td>Walk</td>
<td>24</td>
<td>46</td>
<td>5</td>
<td>24</td>
<td>-</td>
</tr>
<tr>
<td>Other</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td>77</td>
<td>95</td>
<td>30</td>
<td>71</td>
<td>-</td>
</tr>
</tbody>
</table>

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 530
WEEKLY: 3,700
MONTHLY: 16,000
YEARLY: 190,000

Survey sample size

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>63</td>
</tr>
<tr>
<td>Biking</td>
<td>22</td>
</tr>
<tr>
<td>Jogging</td>
<td>8</td>
</tr>
<tr>
<td>Other</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>97</td>
</tr>
</tbody>
</table>
ROCK CREEK TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 69%
- Walk: 31%
- Other: 0%

2010-2012 Observed Gender - All Users

- Male: 85%
- Female: 15%

2010-2012 Observed Gender - Pedestrians

- Male: 74%
- Female: 26%

2010-2012 Observed Gender - Bicyclists

- Male: 90%
- Female: 10%
ROCK CREEK TRAIL – SURVEY DATA SUMMARY

**Why people on bikes use the trail**

- For Pleasure/Exercise: 7%
- Going to/from work or school: 93%

**How people on bikes get to the trail**

- Car: 5%
- Carpool: 5%
- Transit: 5%
- Walk or Bike: 85%

**Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes**

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safe</td>
<td>100%</td>
</tr>
<tr>
<td>Clean</td>
<td>90%</td>
</tr>
<tr>
<td>Condition of trail surface</td>
<td>80%</td>
</tr>
<tr>
<td>Width of trail</td>
<td>70%</td>
</tr>
<tr>
<td>Length of trail</td>
<td>60%</td>
</tr>
<tr>
<td>Crowding on trail</td>
<td>50%</td>
</tr>
<tr>
<td>Speed on trail</td>
<td>40%</td>
</tr>
<tr>
<td>Condition of natural features/area</td>
<td>30%</td>
</tr>
<tr>
<td>Access points – connectivity</td>
<td>20%</td>
</tr>
<tr>
<td>Access for persons with disabilities</td>
<td>10%</td>
</tr>
<tr>
<td>Availability of information</td>
<td>0%</td>
</tr>
<tr>
<td>Availability of facilities</td>
<td>0%</td>
</tr>
</tbody>
</table>

**Why people on bikes use this trail instead of riding elsewhere**

- Accessible/does: 70%
- Direct/good: 60%
- Safer than using: 50%
- Scenic Qualities: 40%
- Flat/level: 30%
- Other: 0%
ROCK CREEK TRAIL – SURVEY DATA SUMMARY

How often people on bikes use this trail

- First Time: 5%
- 0-5 Times: 10%
- 6-10 Times: 20%
- 11-20 Times: 15%
- Daily: 5%

Seasons that people on bikes use this trail

- Summer: 30%
- Fall: 25%
- Winter: 15%
- Spring: 20%

Ages of people on bikes surveyed on this trail

- 17 or younger: 10%
- 18 to 34: 15%
- 35 to 55: 50%
- 56 to 75: 15%
- 76 or older: 10%

Gender of people on bikes surveyed on this trail

- Male: 77%
- Female: 23%
**ROCK CREEK TRAIL – SURVEY DATA SUMMARY**

**Why walkers use the trail**
- For Pleasure/Exercise: 100%

**How walkers get to the trail**
- Car: 65%
- Walk or Bike: 30%
- Carpool: 3%
- Transit: 2%

**Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes**

**Why walkers use this trail instead of walking elsewhere**
- Scenic Qualities: 80%
- Flat/Level: 70%
- Safe/good connections: 60%
- Other: 50%
ROCK CREEK TRAIL – SURVEY DATA SUMMARY

How often walkers use this trail

- First Time: 5%
- 0-5 Times: 35%
- 6-10 Times: 20%
- 11-20 Times: 15%
- Daily: 25%

Times per month

Seasons that walkers use this trail

- Summer: 30%
- Fall: 25%
- Winter: 15%
- Spring: 30%

Ages of walkers surveyed on this trail

- 17 or younger: 10%
- 18 to 34: 20%
- 35 to 55: 40%
- 56 to 75: 20%
- 76 or older: 5%

Gender of walkers surveyed on this trail

- Male: 41%
- Female: 59%
ROCK CREEK TRAIL – SURVEY DATA SUMMARY

Why joggers use the trail
- For Pleasure/Exercise: 100%

How joggers get to the trail
- Walk or Bike: 57%
- Car: 43%

Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

Why joggers use this trail instead of jogging elsewhere
- Accessible/close: 120%
- Safely connected: 60%
- Safer than using roads: 40%
- Scenic qualities: 20%
- Flat/Level: 0%
- Other: 0%
How often joggers use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
<th>40%</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>5</td>
<td>10</td>
<td>10</td>
<td>15</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>35</td>
<td>40</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td>65</td>
<td>70</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td>65</td>
<td>70</td>
<td>75</td>
<td>80</td>
</tr>
<tr>
<td>Daily</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td>65</td>
<td>70</td>
<td>75</td>
<td>80</td>
<td>85</td>
<td>90</td>
</tr>
</tbody>
</table>

Seasons that joggers use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
<th>40%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
</tr>
<tr>
<td>Fall</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td>65</td>
<td>70</td>
</tr>
<tr>
<td>Winter</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td>65</td>
<td>70</td>
<td>75</td>
<td>80</td>
</tr>
<tr>
<td>Spring</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td>65</td>
<td>70</td>
<td>75</td>
<td>80</td>
<td>85</td>
<td>90</td>
</tr>
</tbody>
</table>

Ages of joggers surveyed on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
<th>40%</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>10</td>
<td>15</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
<td>50</td>
</tr>
<tr>
<td>18 to 34</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
</tr>
<tr>
<td>35 to 55</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td>65</td>
<td>70</td>
</tr>
<tr>
<td>56 to 75</td>
<td>40</td>
<td>45</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td>65</td>
<td>70</td>
<td>75</td>
<td>80</td>
</tr>
<tr>
<td>76 or older</td>
<td>50</td>
<td>55</td>
<td>60</td>
<td>65</td>
<td>70</td>
<td>75</td>
<td>80</td>
<td>85</td>
<td>90</td>
</tr>
</tbody>
</table>

Gender of joggers surveyed on this trail

- Male: 25%
- Female: 75%
ROCK CREEK TRAIL – SURVEY DATA SUMMARY

Why people use this trail

- For Pleasure/Exercise: 73%
- Going to/from work or school: 27%

How people get to this trail

- Car: 46%
- Walk or Bike: 49%
- Transit: 2%
- Carpool: 3%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good access
- Safer than using roads
- Accessible/clear
- Flat/Level
### SALMON CREEK TRAIL

#### Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th></th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 418 – Weekday</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike</td>
<td>13</td>
<td>9</td>
<td>48</td>
<td>16</td>
<td>33</td>
</tr>
<tr>
<td>Walk</td>
<td>34</td>
<td>69</td>
<td>181</td>
<td>37</td>
<td>296</td>
</tr>
<tr>
<td>Other</td>
<td>4</td>
<td>2</td>
<td>8</td>
<td>0</td>
<td>15</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>51</td>
<td>80</td>
<td>237</td>
<td>53</td>
<td>344</td>
</tr>
</tbody>
</table>

#### Estimated Average Usage
(2010-2012 rolling average, all user types)

- **DAILY:** 1,940
- **WEEKLY:** 13,600
- **MONTHLY:** 59,000
- **YEARLY:** 710,000

#### Average 2 Hour Peak Usage by Mode

- **Other**
- **Walk**
- **Bike**

#### Survey sample size

<table>
<thead>
<tr>
<th>User Type</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>60</td>
</tr>
<tr>
<td>Biking</td>
<td>14</td>
</tr>
<tr>
<td>Jogging</td>
<td>23</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>97</td>
</tr>
</tbody>
</table>

* insufficient number of surveys collected for analysis
SALMON CREEK TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split
- Walk: 81%
- Bike: 15%
- Other: 4%

2010-2012 Observed Gender - All Users
- Male: 44%
- Female: 56%

2010-2012 Observed Gender - Pedestrians
- Male: 38%
- Female: 62%

2010-2012 Observed Gender - Bicyclists
- Male: 68%
- Female: 32%
SALMON CREEK TRAIL – SURVEY DATA SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise 100%

How people on bikes get to the trail

- Walk or Bike 38%
- Car 62%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible/close
- Direct/good
- Safer than using...
- Scenic Qualities
- Flat/Level
- Other
**SALMON CREEK TRAIL – SURVEY DATA SUMMARY**

**How often people on bikes use this trail**

- First Time: 0%
- 0-5 Times: 60%
- 6-10 Times: 20%
- 11-20 Times: 10%
- Daily: 10%

**Seasons that people on bikes use this trail**

- Summer: 30%
- Fall: 30%
- Winter: 15%
- Spring: 25%

**Ages of people on bikes surveyed on this trail**

- 17 or younger: 10%
- 18 to 34: 10%
- 35 to 55: 60%
- 56 to 75: 10%
- 76 or older: 10%

**Gender of people on bikes surveyed on this trail**

- Male: 36%
- Female: 64%
**SALMON CREEK TRAIL – SURVEY DATA SUMMARY**

**Why walkers use the trail**

- For Pleasure/Exercise: 98%

**How walkers get to the trail**

- Car: 83%
- Carpool: 8%
- Walk or Bike: 9%

**Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes**

**Why walkers use this trail instead of walking elsewhere**

- Accessible/close
- Direct/good connections
- Safer than using roads
- Scenic Qualities
- Flat/Level
- Other
How often walkers use this trail

Seasons that walkers use this trail

Ages of walkers surveyed on this trail

Gender of walkers surveyed on this trail
**Salmon Creek Trail – Survey Data Summary**

**Why joggers use the trail**
- For Pleasure/Exercise: 100%

**How joggers get to the trail**
- Car: 60%
- Carpool: 4%
- Walk or Bike: 36%

**Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes**

**Why joggers use this trail instead of jogging elsewhere**
- Accessible/Close: 120%
- Direct/Good: 80%
- Safer than urban: 80%
- Scenic Qualities: 80%
- Flat/Level: 20%
- Other: 20%
SALMON CREEK TRAIL – SURVEY DATA SUMMARY

How often joggers use this trail

Seasons that joggers use this trail

Ages of joggers surveyed on this trail

Gender of joggers surveyed on this trail

0%
5%
10%
15%
20%
25%
30%
35%
40%
45%
50%
55%
60%

First Time
0-5 Times
6-10 Times
11-20 Times
Daily

Times per month

Summer
Fall
Winter
Spring

17 or younger
18 to 34
35 to 55
56 to 75
76 or older

Male
Female

39%
61%
SALMON CREEK TRAIL – SURVEY DATA SUMMARY

Why people use this trail

- For Pleasure/Exercise: 99%
- Going to/from work or school: 1%

How people get to this trail

- Car: 74%
- Walk or Bike: 21%
- Carpool: 5%

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities: Good
- Direct/good connections: Good
- Safer than using roads: Good
- Accessible/close: Good
- Flat/Level: Good

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Condition of trail surface
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural features/area
- Access points – connectivity
- Access for persons with disabilities
- Availability of information
- Availability of facilities

Intertwine trail use snapshot | 2013 C-143
SALMON CREEK TRAIL – SURVEY DATA SUMMARY

How often people use this trail

- First Time: 0%
- 0-5 Times: 40%
- 6-10 Times: 20%
- 11-20 Times: 10%
- Daily: 30%

Seasons that people use this trail

- Summer: 25%
- Fall: 25%
- Winter: 20%
- Spring: 30%

Ages of trail users surveyed

- 17 or younger: 10%
- 18 to 34: 30%
- 35 to 55: 40%
- 56 to 75: 10%
- 76 or older: 10%

Gender of trail users surveyed

- Male: 29%
- Female: 71%
SPRINGWATER CORRIDOR SE

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 65 – Weekday</th>
<th>Bike</th>
<th>Walk</th>
<th>Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>104</td>
<td>58</td>
<td>3</td>
<td>165</td>
</tr>
<tr>
<td>2009</td>
<td>125</td>
<td>45</td>
<td>2</td>
<td>172</td>
</tr>
<tr>
<td>2010</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2011</td>
<td>72</td>
<td>16</td>
<td>3</td>
<td>91</td>
</tr>
<tr>
<td>2012</td>
<td>143</td>
<td>24</td>
<td>0</td>
<td>167</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Site 61 – Weekday</th>
<th>Bike</th>
<th>Walk</th>
<th>Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2008</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2009</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2010</td>
<td>154</td>
<td>37</td>
<td>5</td>
<td>196</td>
</tr>
<tr>
<td>2011</td>
<td>291</td>
<td>61</td>
<td>0</td>
<td>352</td>
</tr>
<tr>
<td>2012</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Average 2 Hour Peak Usage by Mode

- Bike
- Walk
- Other

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 1,730
WEEKLY: 12,200
MONTHLY: 53,000
YEARLY: 630,000
SPRINGWATER CORRIDOR SE – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 81%
- Walk: 18%
- Other: 1%

2010-2012 Observed Gender - All Users

- Male: 72%
- Female: 28%

2010-2012 Observed Gender - Pedestrians

- Male: 54%
- Female: 46%

2010-2012 Observed Gender - Bicyclists

- Male: 77%
- Female: 23%
SPRINGWATER ON THE WILLAMETTE

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>52</td>
<td>Bike</td>
<td>498</td>
<td>468</td>
<td>-</td>
<td>500</td>
</tr>
<tr>
<td></td>
<td>Walk</td>
<td>59</td>
<td>95</td>
<td>-</td>
<td>110</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>6</td>
<td>8</td>
<td>-</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>563</td>
<td>571</td>
<td>-</td>
<td>610</td>
</tr>
</tbody>
</table>

Site 54 – Weekday

| Bike | 431  | 233  | 480  | 503  |
| Walk | 91   | 48   | 61   | 74   |
| Other| 3    | 0    | 1    | 1    |
| Total| -    | 525  | 281  | 542  |

Average 2 Hour Peak Usage by Mode

Survey sample size

<table>
<thead>
<tr>
<th></th>
<th>Walking</th>
<th>Biking</th>
<th>Jogging*</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>6</td>
<td>33</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Biking</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jogging*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td>43</td>
</tr>
</tbody>
</table>

* insufficient number of surveys collected for analysis

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 3,320  MONTHLY: 101,000
SPRINGWATER ON THE WILAMETTE – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 86%
- Walk: 14%
- Other: 0%

2010-2012 Observed Gender - All Users

- Male: 70%
- Female: 30%

2010-2012 Observed Gender - Pedestrians

- Male: 54%
- Female: 46%

2010-2012 Observed Gender - Bicyclists

- Male: 73%
- Female: 27%
SPRINGWATER ON THE WILLAMETTE – SURVEY DATA SUMMARY

Why people on bikes use the trail

For Pleasure/Exercise 14%
Going to/from work or school 86%

How people on bikes get to the trail

Walk or Bike 70%
Carpool 7%
Transit 7%
Car 16%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?
SPRINGWATER ON THE WILLAMETTE – SURVEY DATA

SUMMARY

How often people on bikes use this trail

Times per month

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>10%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>15%</td>
</tr>
<tr>
<td>Daily</td>
<td>20%</td>
</tr>
</tbody>
</table>

Seasons that people on bikes use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>30%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>15%</td>
</tr>
<tr>
<td>Spring</td>
<td>20%</td>
</tr>
</tbody>
</table>

Ages of people on bikes surveyed on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>10%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>15%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>50%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>10%</td>
</tr>
<tr>
<td>76 or older</td>
<td>5%</td>
</tr>
</tbody>
</table>

Gender of people on bikes surveyed on this trail

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>38%</td>
</tr>
<tr>
<td>Male</td>
<td>63%</td>
</tr>
</tbody>
</table>
SPRINGWATER ON THE WILLAMETTE – SURVEY DATA SUMMARY

**Why walkers use the trail**

- For Pleasure/Exercise: 100%

**How walkers get to the trail**

- Car: 50%
- Carpool: 25%
- Walk or Bike: 25%

**Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes**

- Safe: 100%
- Clean: 90%
- Condition of trail surface: 80%
- Width of trail: 70%
- Length of trail: 60%
- Crowding on trail: 50%
- Speed on trail: 40%
- Condition of natural features/area: 30%
- Access points - connectivity: 20%
- Access for persons with disabilities: 10%
- Availability of information: 0%
- Availability of facilities: 0%

**Why walkers use this trail instead of walking elsewhere**

- Accessible/Close: 100%
- Direct/good connections: 90%
- Safer than using roads: 80%
- Scenic Qualities: 70%
- Flat/Level: 60%
- Other: 50%
SPRINGWATER ON THE WILLAMETTE – SURVEY DATA SUMMARY

**How often walkers use this trail**

- First Time: 0%
- 0-5 Times: 60%
- 6-10 Times: 20%
- 11-20 Times: 10%
- Daily: 10%

**Seasons that walkers use this trail**

- Summer: 25%
- Fall: 25%
- Winter: 15%
- Spring: 30%

**Ages of walkers surveyed on this trail**

- 17 or younger: 10%
- 18 to 34: 20%
- 35 to 55: 50%
- 56 to 75: 10%
- 76 or older: 0%

**Gender of walkers surveyed on this trail**

- Male: 50%
- Female: 50%
SPRINGWATER ON THE WILAMETTE – SURVEY DATA SUMMARY

Why people use this trail

- For Pleasure/Exercise: 75%
- Going to/from work or school: 25%

How people get to this trail

- Walk or Bike: 46%
- Car: 35%
- Transit: 2%
- Carpool: 17%

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good connections
- Safer than using roads
- Accessible/close
- Flat/Level

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural features/area
- Access for persons with disabilities
- Availability of information
- Availability of facilities
How often people use this trail

Seasons that people use this trail

Ages of trail users surveyed

Gender of trail users surveyed

SPRINGWATER ON THE WILLAMETTE – SURVEY DATA SUMMARY
SPRINGWATER IN GRESHAM

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 505 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>102</td>
<td>124</td>
<td>56</td>
<td>100</td>
<td>89</td>
</tr>
<tr>
<td>Walk</td>
<td>48</td>
<td>114</td>
<td>58</td>
<td>76</td>
<td>41</td>
</tr>
<tr>
<td>Other</td>
<td>2</td>
<td>0</td>
<td>3</td>
<td>11</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>152</strong></td>
<td><strong>238</strong></td>
<td><strong>117</strong></td>
<td><strong>186</strong></td>
<td><strong>132</strong></td>
</tr>
</tbody>
</table>

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 1,300
WEEKLY: 9,300
MONTHLY: 40,000
YEARLY: 490,000
SPRINGWATER IN GRESHAM – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 56%
- Walk: 40%
- Other: 4%

2010-2012 Observed Gender - All Users

- Male: 61%
- Female: 39%

2010-2012 Observed Gender - Pedestrians

- Male: 47%
- Female: 53%

2010-2012 Observed Gender - Bicyclists

- Male: 70%
- Female: 30%
SPRINGWATER IN GRESHAM – SURVEY DATA

SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise: 68%
- Going to/from work or school: 29%

How people on bikes get to the trail

- Car: 46%
- Walk or Bike: 47%
- Transit: 4%
- Carpool: 3%

Why people on bikes use this trail instead of riding elsewhere?

- Accessible/close: 90%
- Direct/good access: 70%
- Safer than using: 60%
- Scenic Qualities: 50%
- Flat/Low: 40%
- Other: 30%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

- Safe: 80%
- Clean: 70%
- Width of trail: 60%
- Length of trail: 50%
- Crowding on trail: 40%
- Speed on trail: 30%
- Condition of natural features/area: 20%
- Condition of trail surface: 10%
- Access for persons with disabilities: 0%
- Availability of information: 0%
- Availability of facilities: 10%
SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

How often people on bikes use this trail

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>5%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>35%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>25%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>20%</td>
</tr>
<tr>
<td>Daily</td>
<td>10%</td>
</tr>
</tbody>
</table>

Times per month

Seasons that people on bikes use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>30%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>15%</td>
</tr>
<tr>
<td>Spring</td>
<td>10%</td>
</tr>
</tbody>
</table>

Gender of people on bikes surveyed on this trail

- Female: 29%
- Male: 71%

Why walkers use the trail

- For Pleasure/Exercise: 90%
SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

Ages of people on bikes on this trail

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 40%
- 56 to 75: 30%
- 76 or older: 5%

How walkers get to the trail

- Car: 65%
- Walk or Bike: 29%
- Transit: 4%
- Carpool: 2%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

- Safe: 90%
- Clean: 90%
- Width of trail: 60%
- Length of trail: 90%
- Crowding on trail: 80%
- Speed on trail: 80%
- Condition of natural features/area: 90%
- Access points - connectivity: 90%
- Access for persons with disabilities: 80%
- Availability of information: 70%
- Availability of facilities: 60%

Why walkers use this trail instead of walking elsewhere

- Accessible/close: 0%
- Direct/good connections: 30%
- Safer than using roads: 50%
- Scenic Qualities: 70%
- Flat/Level: 40%
- Other: 10%
SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

How often walkers use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>10%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>15%</td>
</tr>
<tr>
<td>Daily</td>
<td>20%</td>
</tr>
</tbody>
</table>

Seasons that walkers use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>30%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>20%</td>
</tr>
<tr>
<td>Spring</td>
<td>15%</td>
</tr>
</tbody>
</table>

Gender of walkers surveyed on this trail

- Male: 40%
- Female: 60%

Why joggers use the trail

- For Pleasure/Exercise: 97%
SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

Ages of walkers on this trail

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 20%
- 56 to 75: 30%
- 76 or older: 40%

How joggers get to the trail

- Car: 66%
- Walk or Bike: 31%
- Transit: 3%

Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

- Safe: 100%
- Clean: 90%
- Condition of trail surface: 80%
- Width of trail: 70%
- Length of trail: 60%
- Crowding on trail: 50%
- Speed on trail: 40%
- Condition of natural features/area: 30%
- Access points – connectivity: 20%
- Access for persons with disabilities: 10%
- Availability of information: 0%
- Availability of facilities: 0%

Why joggers use this trail instead of jogging elsewhere

- Accessible/close: 100%
- Direct/good...: 90%
- Safer than using...: 80%
- Scenic Qualities: 70%
- Flat/Level: 60%
- Other: 0%
SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

How often joggers use this trail

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>10%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>15%</td>
</tr>
<tr>
<td>Daily</td>
<td>20%</td>
</tr>
</tbody>
</table>

Times per month

Seasons that joggers use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>30%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>15%</td>
</tr>
<tr>
<td>Spring</td>
<td>20%</td>
</tr>
</tbody>
</table>

Gender of joggers surveyed on this trail

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>42%</td>
</tr>
<tr>
<td>Male</td>
<td>58%</td>
</tr>
</tbody>
</table>

Why people use this trail

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>For Pleasure/Exercise</td>
<td>82%</td>
</tr>
<tr>
<td>Going to/from work or school</td>
<td>15%</td>
</tr>
<tr>
<td>Shopping, Doing Errands</td>
<td>3%</td>
</tr>
</tbody>
</table>
SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

Ages of joggers surveyed on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>10%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>5%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>50%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>20%</td>
</tr>
<tr>
<td>76 or older</td>
<td>15%</td>
</tr>
</tbody>
</table>

How people get to this trail

- Car: 57%
- Walk or Bike: 37%
- Transit: 4%
- Carpool: 2%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good route
- Safer than using car
- Accessible/close
- Flat/Level
SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

**How often people use this trail**

- First Time: 0%
- 0-5 Times: 25%
- 6-10 Times: 15%
- 11-20 Times: 20%
- Daily: 30%

**Seasons that people use this trail**

- Summer: 25%
- Fall: 25%
- Winter: 20%
- Spring: 30%

**Ages of trail users surveyed**

- 17 or younger: 5%
- 18 to 34: 15%
- 35 to 55: 40%
- 56 to 75: 20%
- 76 or older: 10%

**Gender of trail users surveyed**

- Male: 58%
- Female: 42%
SUNSET HIGHWAY TRAIL

Annual Count Data
(Average 2 hour peak counts)  2008  2009  2010  2011  2012

<table>
<thead>
<tr>
<th>Site 131 – Weekday</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>102</td>
<td>147</td>
<td>63</td>
<td>126</td>
<td>119</td>
</tr>
<tr>
<td>Walk</td>
<td>34</td>
<td>29</td>
<td>25</td>
<td>26</td>
<td>11</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>137</td>
<td>176</td>
<td>88</td>
<td>152</td>
<td>130</td>
</tr>
</tbody>
</table>

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 1,130
WEEKLY: 7,900
MONTHLY: 34,000
YEARLY: 410,000

Survey sample size

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>3</td>
</tr>
<tr>
<td>Biking</td>
<td>17</td>
</tr>
<tr>
<td>Jogging</td>
<td>3</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>23</td>
</tr>
</tbody>
</table>

Intertwine trail use snapshot | 2013 C-165
SUNSET HIGHWAY TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 83%
- Walk: 17%
- Other: 0%

2010-2012 Observed Gender - All Users

- Male: 85%
- Female: 15%

2010-2012 Observed Gender - Pedestrians

- Male: 61%
- Female: 39%

2010-2012 Observed Gender - Bicyclists

- Male: 89%
- Female: 11%
**SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY**

**Why people on bikes use the trail**
- For Pleasure/Exercise: 14%
- Going to/from work or school: 86%

**How people on bikes get to the trail**
- Walk or Bike: 31%
- Transit: 69%

**Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes**

**Why are people on bikes using this trail instead of riding elsewhere?**
- Accessible/close: 80%
- Direct/good connections: 60%
- Safer than using roads: 50%
- Scenic Qualities: 40%
- Flat/Level: 20%
- Other: 10%
**SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY**

### How often people on bikes use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>10%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>15%</td>
</tr>
<tr>
<td>Daily</td>
<td>20%</td>
</tr>
</tbody>
</table>

### Seasons that people on bikes use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>25%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>20%</td>
</tr>
<tr>
<td>Spring</td>
<td>20%</td>
</tr>
</tbody>
</table>

### Ages of people on bikes on this trail

- 17 or younger: 0%
- 18 to 34: 45%
- 35 to 55: 25%
- 56 to 75: 15%
- 76 or older: 5%

### Gender of people on bikes surveyed on this trail

- Female: 25%
- Male: 75%
SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

Why walkers use the trail

For Pleasure/Exercise 100%

How walkers get to the trail

Walk or Bike 100%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere

Intertwine trail use snapshot | 2013  C-169
**How often walkers use this trail**

- First Time: 0%
- 0-5 Times: 10%
- 6-10 Times: 20%
- 11-20 Times: 30%
- Daily: 50%

**Seasons that walkers use this trail**

- Summer: 45%
- Fall: 30%
- Winter: 25%
- Spring: 0%

**Ages of walkers surveyed on this trail**

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 50%
- 56 to 75: 30%
- 76 or older: 0%

**Gender of walkers surveyed on this trail**

- Female: 100%
SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

Why joggers use the trail

- For Pleasure/Exercise: 100%

How joggers get to the trail

- Walk or Bike: 50%
- Carpool: 25%
- Transit: 25%

Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

Why joggers use this trail instead of jogging elsewhere

- Accessible/close: 100%
- Direct/good connections: 80%
- Safer than using roads: 60%
- Scenic qualities: 40%
- Flat/Level: 20%
- Other: 0%
SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

How often joggers use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>First Time 0-5 Times 6-10 Times 11-20 Times Daily</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0% 10% 20% 30% 40% 50% 60% 70%</td>
</tr>
</tbody>
</table>

Seasons that joggers use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0% 10% 20% 30% 35% 40% 50% 60% 70% 80%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ages of joggers surveyed on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>0% 10% 20% 30% 40% 50% 60% 70%</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>18 to 34</td>
</tr>
</tbody>
</table>

Gender of joggers surveyed on this trail

- Female: 33%
- Male: 67%
**SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY**

**Why people use this trail**
- For Pleasure/Exercise: 75%
- Going to/from work or school: 25%

**How people get to this trail**
- Walk or Bike: 62%
- Transit: 29%
- Carpool: 9%

**Why people use this trail instead of biking or walking elsewhere**
- Scenic Qualities: 60%
- Direct/good connections: 40%
- Safer than using roads: 80%
- Accessible/close: 100%
- Flat/Level: 0%

**Share of responses with "Good" or "Excellent" ratings of the trail attributes**
- Safe: 100%
- Clean: 100%
- Length of trail: 100%
- Crowding on trail: 100%
- Speed on trail: 100%
- Speed of natural features/area: 100%
- Access points — connectivity: 100%
- Access for persons with disabilities: 100%
- Availability of information: 100%
- Availability of facilities: 100%
SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

How often people use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>35%</th>
<th>40%</th>
<th>45%</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>15%</td>
<td>10%</td>
<td>5%</td>
<td>1%</td>
<td>0%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-5 Times</td>
<td>10%</td>
<td>5%</td>
<td>2%</td>
<td>0%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-10 Times</td>
<td>20%</td>
<td>15%</td>
<td>10%</td>
<td>5%</td>
<td>0%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11-20 Times</td>
<td>25%</td>
<td>20%</td>
<td>15%</td>
<td>10%</td>
<td>5%</td>
<td>0%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daily</td>
<td>20%</td>
<td>15%</td>
<td>10%</td>
<td>5%</td>
<td>0%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Seasons that people use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>0%</th>
<th>5%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>35%</td>
<td>30%</td>
<td>25%</td>
<td>20%</td>
<td>15%</td>
<td>10%</td>
<td>5%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
<td>20%</td>
<td>15%</td>
<td>10%</td>
<td>5%</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Winter</td>
<td>10%</td>
<td>5%</td>
<td>0%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>12%</td>
<td>5%</td>
<td>0%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ages of trail users surveyed

- 17 or younger: 10%
- 18 to 34: 20%
- 35 to 55: 50%
- 56 to 75: 15%
- 76 or older: 5%

Gender of trail users surveyed

- Male: 46%
- Female: 54%
Southwest Portland Willamette Greenway

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 25 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>170</td>
<td>-</td>
<td>-</td>
<td>114</td>
<td>150</td>
</tr>
<tr>
<td>Walk</td>
<td>109</td>
<td>-</td>
<td>-</td>
<td>176</td>
<td>169</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>6</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>279</td>
<td>-</td>
<td>-</td>
<td>296</td>
<td>319</td>
</tr>
</tbody>
</table>

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 2,760
WEEKLY: 19,400
MONTHLY: 84,000
YEARLY: 1,010,000

An insufficient number of surveys were collected on this trail for detailed analysis.
SOUTHWEST PORTLAND WILLAMETTE GREENWAY – COUNT DATA SUMMARY

2010-2012 Mode Split
- Walk: 54%
- Bike: 45%
- Other: 1%

2010-2012 Observed Gender - All Users
- Male: 54%
- Female: 46%

2010-2012 Observed Gender - Pedestrians
- Female: 55%
- Male: 45%

2010-2012 Observed Gender - Bicyclists
- Female: 35%
- Male: 65%
## TERWILLIGER TRAIL NORTH

### Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 144 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bike</strong></td>
<td>203</td>
<td>233</td>
<td>-</td>
<td>-</td>
<td>192</td>
</tr>
<tr>
<td><strong>Walk</strong></td>
<td>212</td>
<td>187</td>
<td>-</td>
<td>-</td>
<td>117</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>0</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>415</td>
<td>421</td>
<td>-</td>
<td>-</td>
<td>309</td>
</tr>
</tbody>
</table>

### Average 2 Hour Peak Usage by Mode

<table>
<thead>
<tr>
<th>Year</th>
<th>Bike</th>
<th>Walk</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-2010</td>
<td>300</td>
<td>150</td>
<td>50</td>
</tr>
<tr>
<td>2009-2011</td>
<td>250</td>
<td>200</td>
<td>50</td>
</tr>
<tr>
<td>2010-2012</td>
<td>200</td>
<td>100</td>
<td>0</td>
</tr>
</tbody>
</table>

### Estimated Average Usage
(2010-2012 rolling average, all user types)

- **DAILY:** 3,180
- **WEEKLY:** 22,300
- **MONTHLY:** 97,000
- **YEARLY:** 1,160,000

An insufficient number of surveys were collected on this trail for detailed analysis.
TERWILLIGER TRAIL NORTH – COUNT DATA SUMMARY

2010-2012 Mode Split

- Bike: 59%
- Walk: 41%
- Other: 0%

2010-2012 Observed Gender - All Users

- Male: 68%
- Female: 32%

2010-2012 Observed Gender - Pedestrians

- Male: 53%
- Female: 47%

2010-2012 Observed Gender - Bicyclists

- Male: 79%
- Female: 21%
TERWILLIGER TRAIL SOUTH

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 952 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td></td>
<td></td>
<td>12</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>Walk</td>
<td></td>
<td></td>
<td>47</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td>6</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>65</td>
</tr>
</tbody>
</table>

Estimated Average Usage
(2010-2012 rolling average, all user types)

**DAILY:** 490

**WEEKLY:** 3,400

**MONTHLY:** 15,000

**YEARLY:** 180,000

Survey Sample Size

<table>
<thead>
<tr>
<th>Mode</th>
<th>Sample Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>13</td>
</tr>
<tr>
<td>Biking*</td>
<td>1</td>
</tr>
<tr>
<td>Jogging</td>
<td>9</td>
</tr>
<tr>
<td>Other</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>25</strong></td>
</tr>
</tbody>
</table>

*An insufficient number of surveys were collected on this trail for analysis of this mode.
TERWILLIGER TRAIL SOUTH – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk: 63%
- Bike: 32%
- Other: 5%

2010-2012 Observed Gender - All Users

- Male: 61%
- Female: 39%

2010-2012 Observed Gender - Pedestrians

- Male: 54%
- Female: 46%

2010-2012 Observed Gender - Bicyclists

- Male: 68%
- Female: 32%
TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

Why walkers use the trail

For Pleasure/Exercise 100%

How walkers get to the trail

Walk or Bike 57%
Car 43%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere
TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

**How often walkers use this trail**

- First Time: 0%
- 0-5 Times: 45%
- 6-10 Times: 30%
- 11-20 Times: 15%
- Daily: 10%

**Times per month**

- Summer: 30%
- Fall: 30%
- Winter: 25%
- Spring: 15%

**Ages of walkers on this trail**

- 17 or younger: 0%
- 18 to 34: 15%
- 35 to 55: 45%
- 56 to 75: 20%
- 76 or older: 10%

**Gender of walkers surveyed on this trail**

- Male: 38%
- Female: 62%
TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

Why joggers use the trail

- For Pleasure/Exercise: 100%

How joggers get to the trail

- Walk or Bike: 70%
- Car: 20%
- Transit: 10%
- Carpool: 0%

Why are people jogging using this trail instead of jogging elsewhere?

- Accessible/Close: 35%
- Direct/Good connections: 20%
- Safer than using roads: 15%
- Scenic Qualities: 10%
- Flat/Level: 5%
- Other: 0%

Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

- Safe: 100%
- Clean: 90%
- Condition of trail surface: 80%
- Width of trail: 70%
- Length of trail: 60%
- Crowding on trail: 50%
- Speed on trail: 40%
- Condition of natural features/area: 30%
- Access points – connectivity: 20%
- Access for persons with disabilities: 10%
- Availability of information: 0%
- Availability of facilities: 0%
TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

How often joggers use this trail

Seasons that joggers use this trail

Ages joggers using this trail

Gender of joggers surveyed using this trail
TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

Why people use this trail

- For Pleasure/Exercise: 100%

How people get to this trail

- Walk or Bike: 75%
- Car: 22%
- Transit: 3%
- Carpool: 0%

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good connections
- Safer than using roads
- Accessible/close
- Flat/Level

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Length of trail
- Flat/Level
- Condition of trail surface
- Safer than using roads
- Direct/good connections
- Access for persons with disabilities
- Access points - connectivity
- Condition of natural features/area
- Availability of information
- Availability of facilities
TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

How often people use this trail

- First Time: 0%
- 0-5 Times: 21%
- 6-10 Times: 22%
- 11-20 Times: 23%
- Daily: 24%

Times per month

Seasons that people use this trail

- Summer: 26%
- Fall: 27%
- Winter: 23%
- Spring: 22%

Ages of trail users

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 60%
- 56 to 75: 20%
- 76 or older: 10%

Gender of trail users surveyed

- Male: 65%
- Female: 35%
TONQUIN TRAIL

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 812 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>-</td>
<td>-</td>
<td>26</td>
<td>7</td>
<td>-</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>-</td>
<td>73</td>
<td>31</td>
<td>-</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>-</td>
<td>0</td>
<td>0</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td>-</td>
<td>-</td>
<td>99</td>
<td>38</td>
<td>-</td>
</tr>
</tbody>
</table>

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY:  540
WEEKLY: 3,800
MONTHLY: 16,000
YEARLY: 200,000

An insufficient number of surveys were collected on this trail for detailed analysis
TROLLEY TRAIL

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 218 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>5</td>
<td>6</td>
<td>5</td>
<td>6</td>
<td>41</td>
</tr>
<tr>
<td>Walk</td>
<td>15</td>
<td>15</td>
<td>11</td>
<td>21</td>
<td>39</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>7</td>
</tr>
<tr>
<td>Total</td>
<td>20</td>
<td>20</td>
<td>15</td>
<td>28</td>
<td>87</td>
</tr>
</tbody>
</table>

Average 2 Hour Peak Usage by Mode

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 400
WEEKLY: 2,800
MONTHLY: 12,000
YEARLY: 140,000

Survey sample size

<table>
<thead>
<tr>
<th>Survey sample size</th>
<th>Walking</th>
<th>Biking</th>
<th>Jogging</th>
<th>Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>51</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biking</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jogging</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>72</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Intertwine trail use snapshot | 2013 C-189
TROLLEY TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk: 54%
- Bike: 40%
- Other: 6%

2010-2012 Observed Gender - All Users

- Female: 54%
- Male: 46%

2010-2012 Observed Gender - Pedestrians

- Female: 59%
- Male: 41%

2010-2012 Observed Gender - Bicyclists

- Female: 50%
- Male: 50%
TROLLEY TRAIL – SURVEY DATA SUMMARY

Why people on bikes use the trail

- For Pleasure/Exercise: 50%
- Going to/from work or school: 38%

How people on bikes get to the trail

- Walk or Bike: 85%
- Car: 15%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?

- Accessible/close
- Direct/good connections
- Safer than using roads
- Scenic qualities
- Tray/level
- Other

Intertwine trail use snapshot | 2013 C-191
TROLLEY TRAIL – SURVEY DATA SUMMARY

How often people on bikes use this trail

- First Time: 0%
- 0-5 Times: 10%
- 6-10 Times: 20%
- 11-20 Times: 30%
- Daily: 40%

Times per month

Seasons that people on bikes use this trail

- Summer: 35%
- Fall: 30%
- Winter: 20%
- Spring: 15%

Ages of people on bikes surveyed on this trail

- 17 or younger: 0%
- 18 to 34: 5%
- 35 to 55: 10%
- 56 to 75: 15%
- 76 or older: 25%

Gender of people on bikes surveyed on this trail

- Female: 25%
- Male: 75%
TROLLEY TRAIL – SURVEY DATA SUMMARY

Why walkers use the trail

- For Pleasure/Exercise: 90%
- Car: 18%
- Carpool: 2%
- Transit: 4%
- Walk or Bike: 76%

How walkers get to the trail

- Car: 18%
- Carpool: 2%
- Transit: 4%
- Walk or Bike: 76%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Condition of trail surface
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural features/area
- Access points – connectivity
- Access for persons with disabilities
- Availability of information
- Availability of facilities

Why walkers use this trail instead of walking elsewhere

- Accessible/Close
- Direct/good connections
- Safer than using roads
- Scenic Qualities
- Flat/Level
- Other
TROLLEY TRAIL – SURVEY DATA SUMMARY

How often walkers use this trail

Times per month

0% 5% 10% 15% 20% 25% 30%
First Time 0-5 Times 6-10 Times 11-20 Times Daily

Seasons that walkers use this trail

0% 10% 20% 30% 35%
Summer Fall Winter Spring

Ages of walkers surveyed on this trail

0% 10% 20% 30% 40% 50%
17 or younger 18 to 34 35 to 55 56 to 75 76 or older

Gender of walkers surveyed on this trail

Male 51% Female 49%
TROLLEY TRAIL – SURVEY DATA SUMMARY

Why joggers use the trail

For Pleasure/Exercise 100%

How joggers get to the trail

Car 100%

Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

Why joggers use this trail instead of jogging elsewhere

Accessible/close 120%
Direct/good connections 100%
Safer than using roads 80%
Scenic Qualities 60%
Flat/Level 40%
Other 20%
TROLLEY TRAIL – SURVEY DATA SUMMARY

How often people jogging use this trail

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>20%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>50%</td>
</tr>
<tr>
<td>Daily</td>
<td>30%</td>
</tr>
</tbody>
</table>

Times per month

Seasons that joggers use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>25%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>15%</td>
</tr>
<tr>
<td>Spring</td>
<td>35%</td>
</tr>
</tbody>
</table>

Ages of joggers surveyed on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>20%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>30%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>15%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>10%</td>
</tr>
<tr>
<td>76 or older</td>
<td>15%</td>
</tr>
</tbody>
</table>

Gender of joggers surveyed on this trail

- Male: 50%
- Female: 50%
TROLLEY TRAIL – SURVEY DATA SUMMARY

Why people use this trail

- For Pleasure/Exercise: 79%
- Going to/from work or school: 14%
- Other: 7%

How people get to this trail

- Walk or Bike: 75%
- Car: 22%
- Transit: 2%
- Carpool: 1%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good connections
- Safer than using roads
- Accessible/close
- Flat/Level
TROLLEY TRAIL – SURVEY DATA SUMMARY

How often people use this trail

Seasons that people use this trail

Ages of trail users surveyed

Gender of trail users surveyed

0% 5% 10% 15% 20% 25% 30% 35%

First Time 0-5 Times 6-10 Times 11-20 Times Daily

Times per month

0% 10% 20% 30% 40% 50%

17 or younger 18 to 34 35 to 55 56 to 75 76 or older

Summer Fall Winter Spring

0% 5% 10% 15% 20% 25% 30% 35% 40%

Female Male

42% 58%
TUALATIN RIVER GREENWAY

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th>Site 724 – Weekday</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>-</td>
<td>-</td>
<td>22</td>
<td>31</td>
<td>-</td>
</tr>
<tr>
<td>Walk</td>
<td>-</td>
<td>-</td>
<td>122</td>
<td>113</td>
<td>-</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>-</td>
<td>3</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td>-</td>
<td>-</td>
<td>147</td>
<td>146</td>
<td>-</td>
</tr>
</tbody>
</table>

Average 2 Hour Peak Usage by Mode

Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 1,340
WEEKLY: 9,400
MONTHLY: 41,000
YEARLY: 490,000

Survey sample size

<table>
<thead>
<tr>
<th>Walking</th>
<th>Biking</th>
<th>Jogging</th>
<th>Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>108</td>
<td>5</td>
<td>21</td>
<td>3</td>
<td>137</td>
</tr>
</tbody>
</table>

Intertwine trail use snapshot | 2013  C-199
TUALATIN RIVER GREENWAY – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk 79%
- Bike 19%
- Other 2%

2010-2012 Observed Gender - All Users

- Male 52%
- Female 48%

2010-2012 Observed Gender - Pedestrians

- Female 53%
- Male 47%

2010-2012 Observed Gender - Bicyclists

- Female 33%
- Male 67%
TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

Why people on bikes use the trail
- For Pleasure/Exercise: 80%
- Going to/from work or school: 20%

How people on bikes get to the trail
- Walk or Bike: 83%
- Car: 17%

Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

Why are people on bikes using this trail instead of riding elsewhere?
- Accessible/close: 100%
- Direct/good connections: 100%
- Safer than using roads: 60%
- Scenic Qualities: 40%
- Flat Level: 20%
- Other: 10%

Intertwine trail use snapshot | 2013 C-201
TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

How often people on bikes use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
<th>50%</th>
<th>60%</th>
<th>70%</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-5 Times</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-10 Times</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11-20 Times</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daily</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Seasons that people on bikes use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>35%</th>
<th>40%</th>
<th>50%</th>
<th>60%</th>
<th>70%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winter</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ages of people on bikes surveyed on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
<th>50%</th>
<th>60%</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 to 34</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35 to 55</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>56 to 75</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>76 or older</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Gender of people on bikes surveyed on this trail

- Male: 60%
- Female: 40%
TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

Why walkers use the trail

For Pleasure/Exercise 96%

How walkers get to the trail

Walk or Bike 28%
Carpool 2%
Transit 1%
Car 69%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere

Accessible/close
Direct/good connections
Safer than using roads
Scenic Qualities
Flat/Level
Other

Intertwine trail use snapshot | 2013 C-203
TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

How often walkers use this trail

- First Time: 0%
- 0-5 Times: 35%
- 6-10 Times: 30%
- 11-20 Times: 25%
- Daily: 10%

Seasons that walkers use this trail

- Summer: 30%
- Fall: 25%
- Winter: 15%
- Spring: 20%

Ages of walkers surveyed on this trail

- 17 or younger: 0%
- 18 to 34: 10%
- 35 to 55: 50%
- 56 to 75: 20%
- 76 or older: 5%

Gender of walkers surveyed on this trail

- Male: 33%
- Female: 67%
**TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY**

### Why joggers use the trail
- **For Pleasure/Exercise 100%**

### How joggers get to the trail
- **Walk or Bike 45%**
- **Car 55%**

**Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes**

**Why joggers use this trail instead of jogging elsewhere**
- **Accessible/close 100%**
- **Direct/good connections 20%**
- **Safes than using roads 60%**
- **Scenic Qualities 120%**
- **Flat/Level 100%**
- **Other 0%**
Tualatin River Greenway – survey Data Summary

How often people jogging use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>5%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>10%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>15%</td>
</tr>
<tr>
<td>Daily</td>
<td>20%</td>
</tr>
</tbody>
</table>

Seasons that joggers use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>30%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>20%</td>
</tr>
<tr>
<td>Spring</td>
<td>15%</td>
</tr>
</tbody>
</table>

Ages of joggers surveyed on this trail

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>0%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>45%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>25%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>15%</td>
</tr>
<tr>
<td>76 or older</td>
<td>10%</td>
</tr>
</tbody>
</table>

Gender of joggers surveyed on this trail

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>38%</td>
</tr>
<tr>
<td>Female</td>
<td>62%</td>
</tr>
</tbody>
</table>
TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

Why people use this trail

- For Pleasure/Exercise: 92%
- Going to/from work or school: 6%

How people get to this trail

- Walk or Bike: 46%
- Car: 52%
- Transit: 1%
- Carpool: 1%

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities: 70%
- Direct/good connections: 30%
- Safer than using roads: 60%
- Accessible/close: 85%
- Flat/Level: 50%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

- Safe: 100%
- Clean: 100%
- Width of trail: 90%
- Length of trail: 80%
- Crowding on trail: 50%
- Speed on trail: 40%
- Condition of natural features: 70%
- Access points - connectivity: 80%
- Access for persons with disabilities: 70%
- Availability of information: 50%
- Availability of facilities: 60%
TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

How often people use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
<th>50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>10%</td>
<td>20%</td>
<td>30%</td>
<td>40%</td>
<td>50%</td>
<td>60%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>20%</td>
<td>40%</td>
<td>60%</td>
<td>80%</td>
<td>100%</td>
<td>120%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>30%</td>
<td>60%</td>
<td>90%</td>
<td>120%</td>
<td>150%</td>
<td>180%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>40%</td>
<td>80%</td>
<td>120%</td>
<td>160%</td>
<td>200%</td>
<td>240%</td>
</tr>
<tr>
<td>Daily</td>
<td>50%</td>
<td>100%</td>
<td>150%</td>
<td>200%</td>
<td>250%</td>
<td>300%</td>
</tr>
</tbody>
</table>

Seasons that people use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
<th>50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>25%</td>
<td>50%</td>
<td>75%</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td>30%</td>
<td>60%</td>
<td>90%</td>
<td>120%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winter</td>
<td>15%</td>
<td>30%</td>
<td>45%</td>
<td>60%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring</td>
<td>10%</td>
<td>20%</td>
<td>30%</td>
<td>40%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ages of trail users surveyed

<table>
<thead>
<tr>
<th>Age Group</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
<th>50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>10%</td>
<td>20%</td>
<td>30%</td>
<td>40%</td>
<td>50%</td>
<td>60%</td>
</tr>
<tr>
<td>18 to 34</td>
<td>20%</td>
<td>40%</td>
<td>60%</td>
<td>80%</td>
<td>100%</td>
<td>120%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>30%</td>
<td>60%</td>
<td>90%</td>
<td>120%</td>
<td>150%</td>
<td>180%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>40%</td>
<td>80%</td>
<td>120%</td>
<td>160%</td>
<td>200%</td>
<td>240%</td>
</tr>
<tr>
<td>76 or older</td>
<td>50%</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Gender of trail users surveyed

- Male: 42%
- Female: 58%
WATERFRONT PARK TRAIL

Annual Count Data
(Average 2 hour peak counts)

<table>
<thead>
<tr>
<th></th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 13 – Weekday</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike</td>
<td>796</td>
<td>631</td>
<td>745</td>
<td>636</td>
<td>637</td>
</tr>
<tr>
<td>Walk</td>
<td>786</td>
<td>677</td>
<td>805</td>
<td>747</td>
<td>719</td>
</tr>
<tr>
<td>Other</td>
<td>18</td>
<td>17</td>
<td>8</td>
<td>7</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>1600</td>
<td>1325</td>
<td>1558</td>
<td>1390</td>
<td>1358</td>
</tr>
</tbody>
</table>

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY: 13,170
WEEKLY: 92,400
MONTHLY: 400,000
YEARLY: 4,810,000
WATERFRONT PARK TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk 53%
- Bike 47%

2010-2012 Observed Gender - All Users

- Male 59%
- Female 41%

2010-2012 Observed Gender - Pedestrians

- Male 54%
- Female 46%

2010-2012 Observed Gender - Bicyclists

- Male 65%
- Female 35%
WATERFRONT PARK TRAIL – SURVEY DATA SUMMARY

Why walkers use the trail

For Pleasure/Exercise 100%

How walkers get to the trail

Walk or Bike 36%
Car 36%
Transit 28%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere

Intertwine trail use snapshot | 2013 C-211
WATERFRONT PARK TRAIL – SURVEY DATA SUMMARY

How often walkers use this trail

Times per month

0% 5% 10% 15% 20% 25% 30% 35%

First Time 0-5 Times 6-10 Times 11-20 Times Daily

Seasons that walkers use this trail

0% 5% 10% 15% 20% 25% 30% 35% 40% 45%

Summer Fall Winter Spring

Ages of walkers surveyed on this trail

0% 5% 10% 15% 20% 25% 30% 35% 40%

17 or younger 18 to 34 35 to 55 56 to 75 76 or older

Gender of walkers surveyed on this trail

Female 17%

Male 83%
WATERFRONT PARK TRAIL – SURVEY DATA SUMMARY

Why people use this trail

- For Pleasure/Exercise: 70%
- Going to/from work or school: 30%

How people get to this trail

- Car: 55%
- Transit: 20%
- 25%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

Why people use this trail instead of biking or walking elsewhere
WATERFRONT PARK TRAIL – SURVEY DATA SUMMARY

How often people use this trail

- First Time 0-5 Times: 10%
- 6-10 Times: 20%
- 11-20 Times: 30%
- Daily: 40%

Seasons that people use this trail

- Summer: 45%
- Fall: 30%
- Winter: 15%
- Spring: 10%

Ages of trail users surveyed

- 17 or younger: 5%
- 18 to 34: 15%
- 35 to 55: 40%
- 56 to 75: 25%
- 76 or older: 10%

Gender of trail users surveyed

- Male: 73%
- Female: 27%
WESTSIDE/WATERHOUSE TRAIL

Annual Count Data
(Average 2 hour peak counts)  2008  2009  2010  2011  2012

Site 623 – Weekday
Bike  -  8  -  16  15
Walk  -  48  -  49  20
Other  -  0  -  2  1
Total  -  56  -  67  36

Site 647 – Weekday
-  -  -  -  -
Bike  -  3  1  7  17
Walk  -  33  12  65  72
Other  -  0  0  0  3
Total  -  36  13  72  92

Average 2 Hour Peak Usage by Mode

Estimated Average Usage
(2010-2012 rolling average, all user types)

DAILY:  350  MONTHLY:  11,000
WEEKLY:  2,400  YEARLY:  130,000
WESTSIDE/WATERHOUSE TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk: 78%
- Bike: 20%
- Other: 2%

2010-2012 Observed Gender - All Users

- Male: 49%
- Female: 51%

2010-2012 Observed Gender - Pedestrians

- Male: 41%
- Female: 59%

2010-2012 Observed Gender - Bicyclists

- Male: 80%
- Female: 20%
WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

Why walkers use the trail

- For Pleasure/Exercise: 100%

How walkers get to the trail

- Car: 20%
- Walk or Bike: 80%

Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

Why walkers use this trail instead of walking elsewhere

- Accessible/close
- Safe/too easy
- Safer than using...
- Scenic Qualities
- Flat/Level
- Other
WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

How often walkers use this trail

Seasons that walkers use this trail

Ages of walkers surveyed on this trail

Gender of walkers surveyed on this trail
WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

Why joggers use the trail

- For Pleasure/Exercise 100%

How joggers get to the trail

- Walk or Bike 67%
- Car 33%

Why joggers use this trail instead of jogging elsewhere

- Accessible/close 110%
- Direct/good connections
- Safer than using roads 110%
- Scenic Qualities 110%
- Flat/Level 50%
- Other

Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

- Safe
- Clean
- Condition of trail surface
- Width of trail
- Length of trail
- Crowding on trail
- Speed on trail
- Condition of natural features/area
- Access points - connectivity
- Access for persons with disabilities
- Availability of information
- Availability of facilities
WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

How often joggers use this trail

- **0%** for First Time
- **5%** for 0-5 Times
- **60%** for 6-10 Times
- **20%** for 11-20 Times
- **10%** for Daily

Seasons that joggers use this trail

- **35%** for Summer
- **25%** for Fall
- **15%** for Winter
- **25%** for Spring

Ages of joggers surveyed on this trail

- **100%** for 17 or younger
- **50%** for 18 to 34
- **25%** for 35 to 55
- **15%** for 56 to 75
- **5%** for 76 or older

Gender of joggers surveyed on this trail

- **50%** Male
- **50%** Female
WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

Why people use this trail

For Pleasure/Exercise 100%

How people get to this trail

Walk or Bike 55%
Car 45%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

Why people use this trail instead of biking or walking elsewhere

Intertwine trail use snapshot | 2013 C-221
WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

How often people use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>First Time</th>
<th>0-5 Times</th>
<th>6-10 Times</th>
<th>11-20 Times</th>
<th>Daily</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0%</td>
<td>5%</td>
<td>70%</td>
<td>15%</td>
<td>10%</td>
</tr>
</tbody>
</table>

Ages of trail users surveyed

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 or younger</td>
<td>5%</td>
</tr>
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<td>20%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>10%</td>
</tr>
<tr>
<td>76 or older</td>
<td>5%</td>
</tr>
</tbody>
</table>

Seasons that people use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>30%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>15%</td>
</tr>
<tr>
<td>Spring</td>
<td>30%</td>
</tr>
</tbody>
</table>

Gender of trail users surveyed

- Male 23%
- Female 77%
WILDWOOD TRAIL

Annual Count Data (Average 2 hour peak counts) 2008 2009 2010 2011 2012

<table>
<thead>
<tr>
<th>Site 125 – Weekday</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike</td>
<td>2</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Walk</td>
<td>37</td>
<td>43</td>
<td>-</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>0</td>
<td>-</td>
</tr>
<tr>
<td>Total</td>
<td>39</td>
<td>45</td>
<td>-</td>
</tr>
</tbody>
</table>

Average 2 Hour Peak Usage by Mode

Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 390
WEEKLY: 2,800
MONTHLY: 12,000
YEARLY: 140,000

Insufficient number of surveys collected for analysis
WILLOWOOD TRAIL – COUNT DATA SUMMARY

2010-2012 Mode Split

- Walk: 98%
- Bike: 2%

2010-2012 Observed Gender - Pedestrians

- Female: 50%
- Male: 50%

2010-2012 Observed Gender - All Users

- Male: 51%
- Female: 49%

2010-2012 Observed Gender - Bicyclists

- Male: 100%
WILDWOOD TRAIL – SURVEY DATA SUMMARY

Why people use this trail

- For Pleasure/Exercise: 100%

How people get to this trail

- Car: 62%
- Walk or Bike: 38%

Share of responses with "Good" or "Excellent" ratings of the trail attributes

Why people use this trail instead of biking or walking elsewhere

- Scenic Qualities
- Direct/good...
- Safer than using...
- Accessible/close
- Flat/Level
WILDCWOOD TRAIL – SURVEY DATA SUMMARY

How often people use this trail

<table>
<thead>
<tr>
<th>Times per month</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Time</td>
<td>0%</td>
</tr>
<tr>
<td>0-5 Times</td>
<td>20%</td>
</tr>
<tr>
<td>6-10 Times</td>
<td>30%</td>
</tr>
<tr>
<td>11-20 Times</td>
<td>20%</td>
</tr>
<tr>
<td>Daily</td>
<td>10%</td>
</tr>
</tbody>
</table>

Seasons that people use this trail

<table>
<thead>
<tr>
<th>Season</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>35%</td>
</tr>
<tr>
<td>Fall</td>
<td>25%</td>
</tr>
<tr>
<td>Winter</td>
<td>20%</td>
</tr>
<tr>
<td>Spring</td>
<td>10%</td>
</tr>
</tbody>
</table>

Ages of trail users surveyed

<table>
<thead>
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<th>Age Group</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>17 or younger</td>
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<tr>
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<td>25%</td>
</tr>
<tr>
<td>35 to 55</td>
<td>40%</td>
</tr>
<tr>
<td>56 to 75</td>
<td>7%</td>
</tr>
<tr>
<td>76 or older</td>
<td>7%</td>
</tr>
</tbody>
</table>

Gender of trail users surveyed

- Female: 29%
- Male: 71%