Bicycle and Pedestrian Counters
October 19, 2022
Why count pathway users?

- **Public input** – need to track pathway use to be able to describe the benefits of the public investment
- Capture **pathway usage**, justify investments, and plan infrastructure.
- Required for existing pathway grants and invaluable for **future planning and grant applications.**
Counter Locations

• SMART selected 10 initial counter locations (5 in each county)
• Segments based on grant funding requirements and bicycle coalition input.
Bike Counter Technology

- Eco-Counter MULTI
- Installed permanently
- Allows for the analysis over consecutive days, weeks, months, seasons or years
- Combines a passive infrared sensor and an inductive loop sensor to differentiate between bikes and pedestrians
- Can handle large groups of pedestrians, cyclists and other users with high accuracy
Average Weekday Pathway Users

- Cal Park Tunnel, Larkspur
- Andersen Drive, San Rafael
- Hamilton, Novato
- Rush Creek, Novato
- Payran, Petaluma
- RP Expressway, Rohnert Park
- Bellevue Ave, Santa Rosa
- 8th St, Santa Rosa
- Guerneville Rd, Santa Rosa

Bicyclists

Pedestrians
Weekday vs. Weekend Users

- Cal Park Tunnel, Larkspur
- Andersen Drive, San Rafael
- Hamilton, Novato
- Rush Creek, Novato
- Payran, Petaluma
- RP Expressway, Rohnert Park
- Bellevue Ave, Santa Rosa
- 8th St, Santa Rosa
- Guerneville Rd, Santa Rosa

Weekend vs. Weekday usage comparison.
### Monthly Totals

<table>
<thead>
<tr>
<th>Location</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cal Park Tunnel, Larkspur</td>
<td>29,719</td>
</tr>
<tr>
<td>Andersen Drive, San Rafael</td>
<td>7,956</td>
</tr>
<tr>
<td>Hamilton, Novato</td>
<td>1,722</td>
</tr>
<tr>
<td>Rush Creek, Novato</td>
<td>1,912</td>
</tr>
<tr>
<td>Payran, Petaluma</td>
<td>4,332</td>
</tr>
<tr>
<td>RP Expressway, Rohnert Park</td>
<td>4,747</td>
</tr>
<tr>
<td>Bellevue Ave, Santa Rosa</td>
<td>3,861</td>
</tr>
<tr>
<td>8th St, Santa Rosa</td>
<td>7,713</td>
</tr>
<tr>
<td>Guerneville Rd, Santa Rosa</td>
<td>6,052</td>
</tr>
</tbody>
</table>

For the 30-day period 9/16/22 – 10/16/22

Total bike/ped counts for this time period: 68,014
Next Steps

• Continue to monitor and validate counts
• Routine maintenance and inspection
• Deeper dive analyses into time of day, mode share, and trends over time
• Share data with partner agencies
• Use data to leverage new grant sources for pathway
Questions?