

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**.



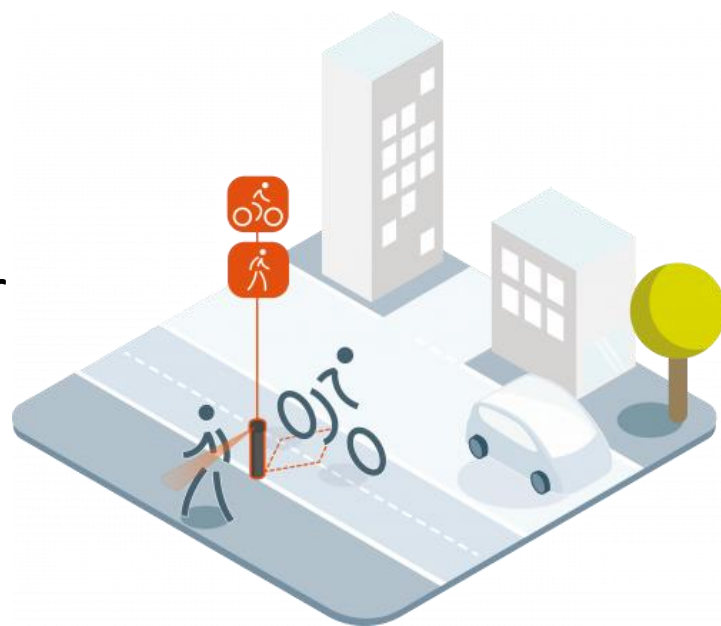
Counter Locations

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



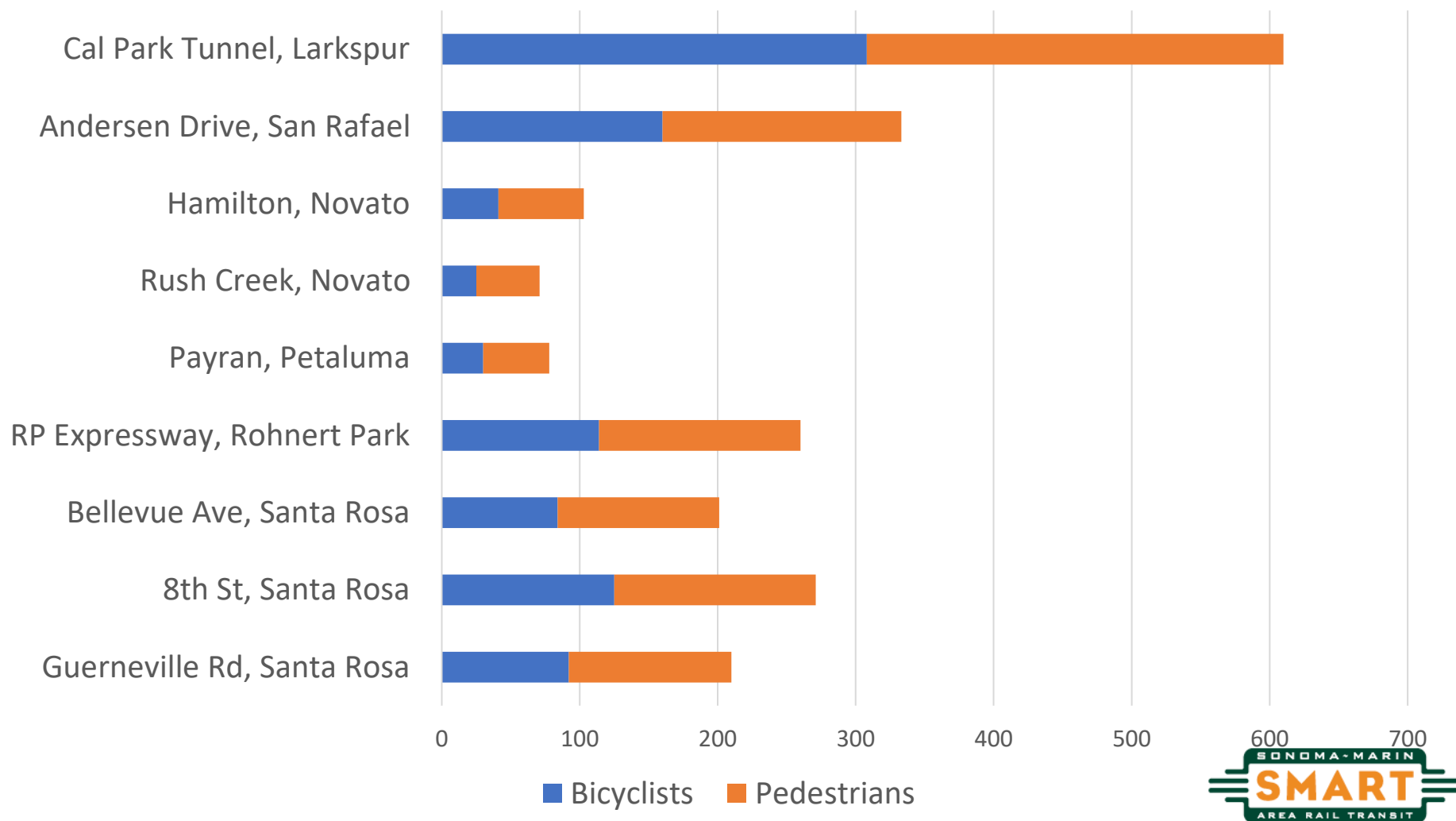
Bike Counter Technology

- 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

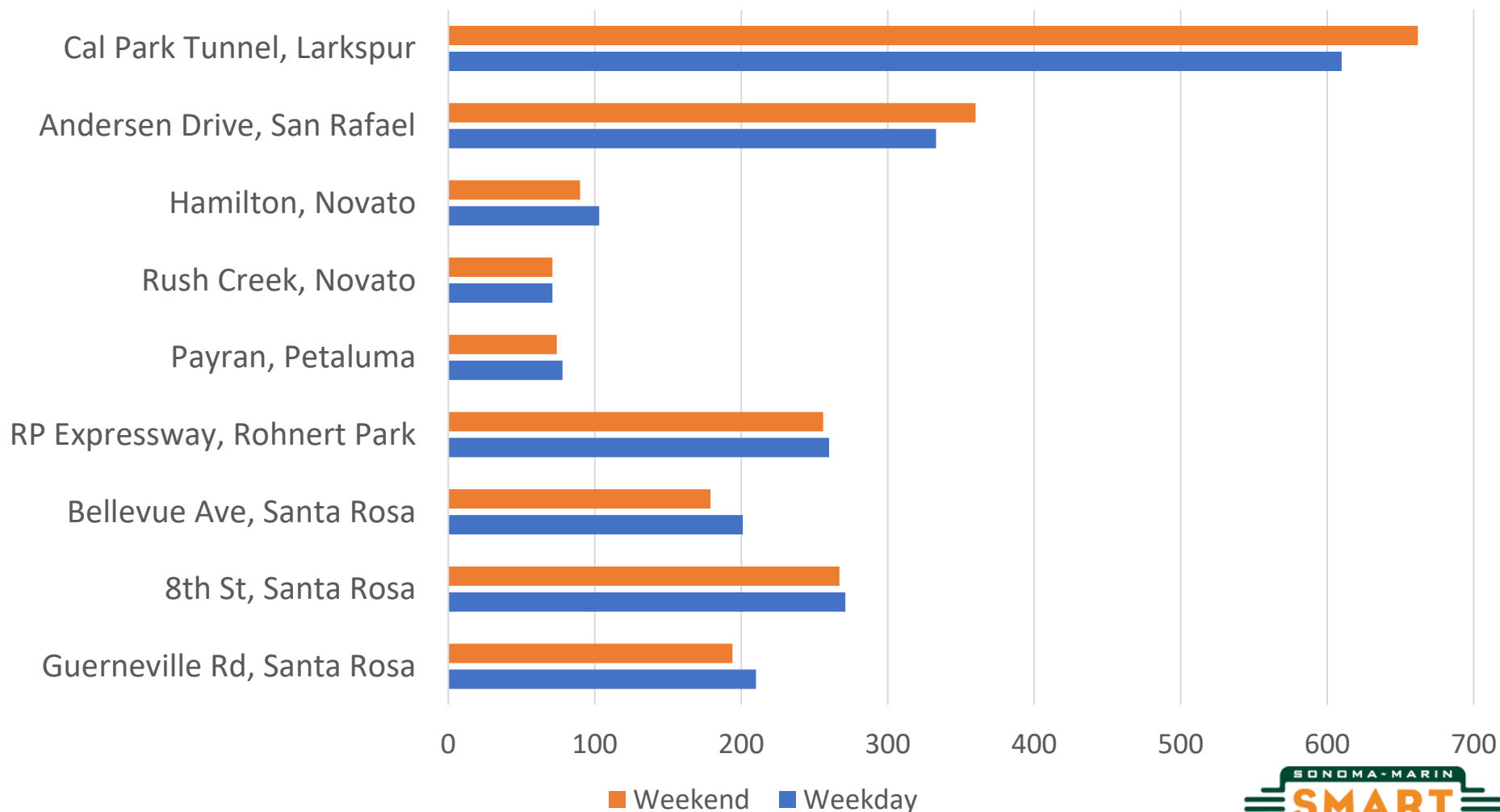




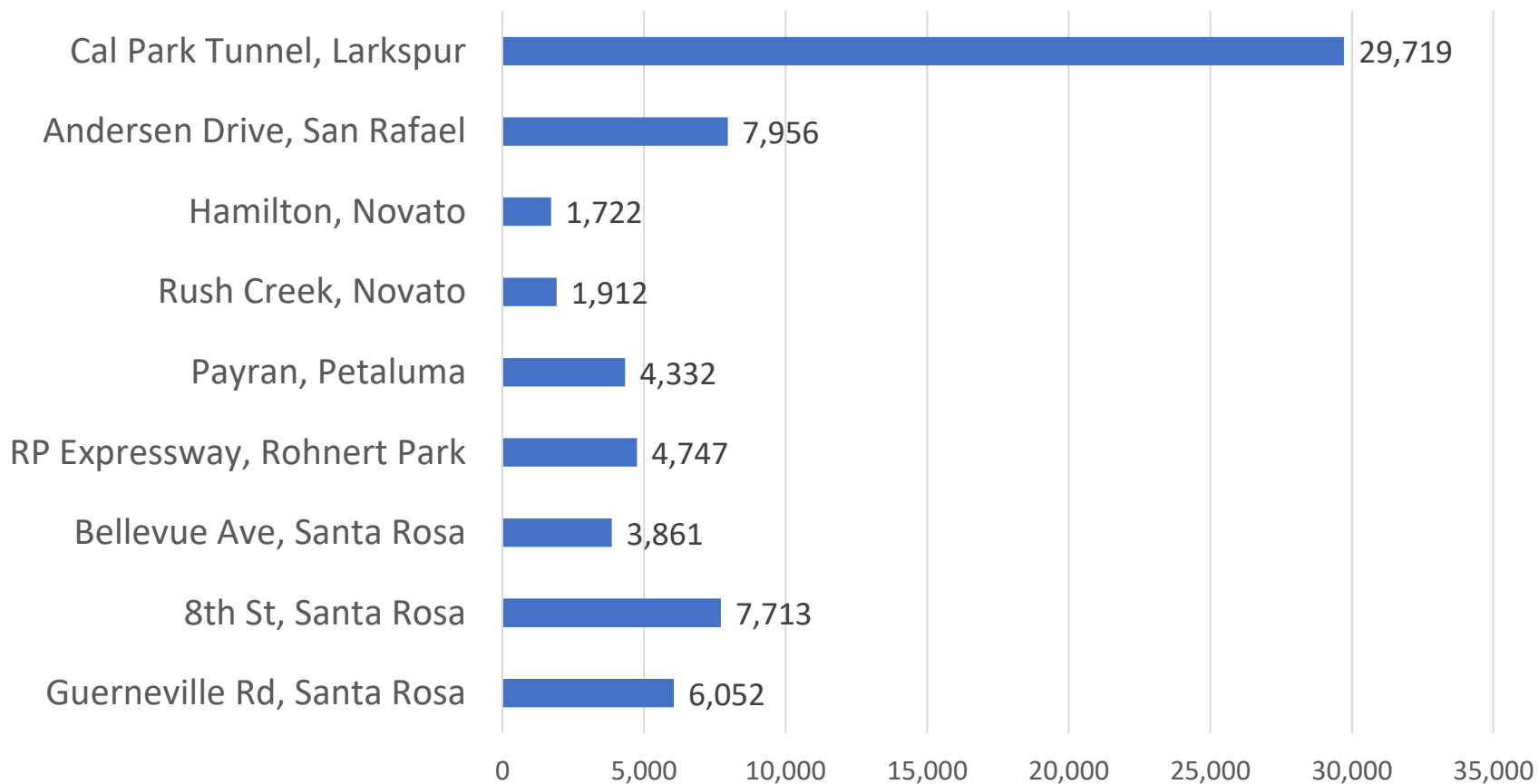
Average Weekday Pathway Users



Weekday vs. Weekend Users



Monthly Totals



- 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?

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