MAG Bike Count Project Counter Rental Program

MAG Transportation Review Committee
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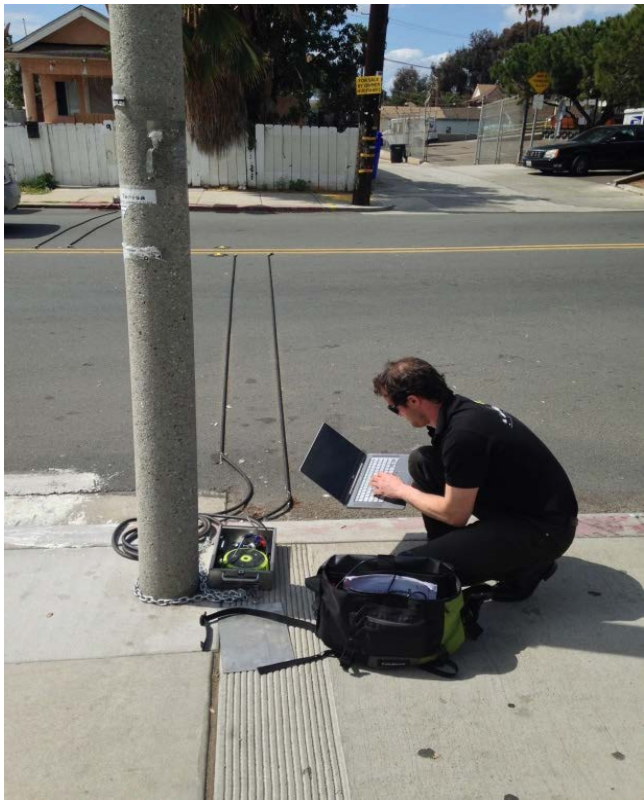
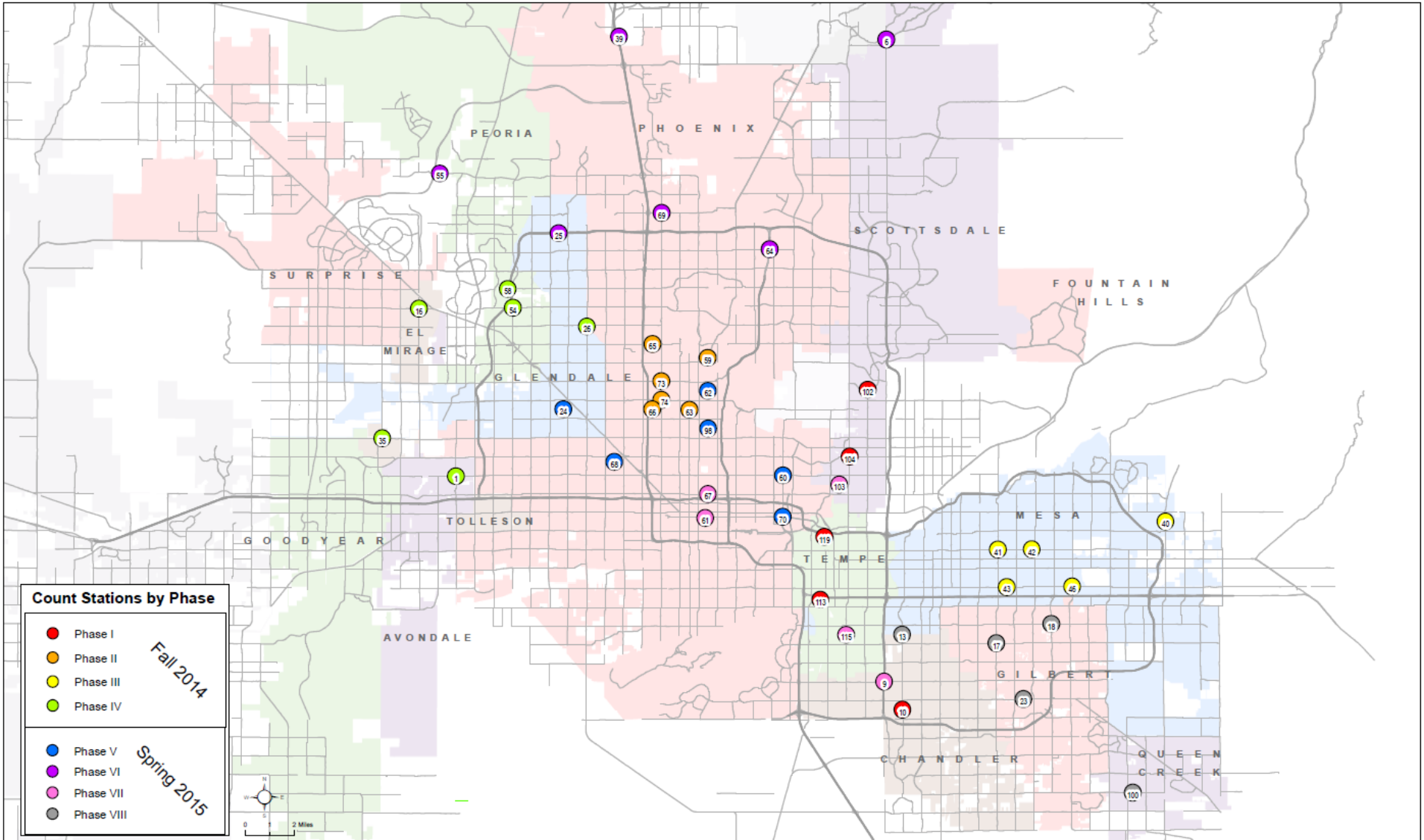
4/23/2015

MAG Bike Counts

- Annual data collection at 44 locations
- 2 weeks of continuous, 24 hour counts
  - October-November
  - April-May
- Pneumatic tubes laid in street, bike lane, bike path
- Agencies can borrow counters when not in use by MAG



MAG Bike Counts 2014-2015



Why Collect Data?

- Before and after data on project construction
- Baseline counts
- Bike-to-transit data
- Data for project applications
- Data for studies and master planning

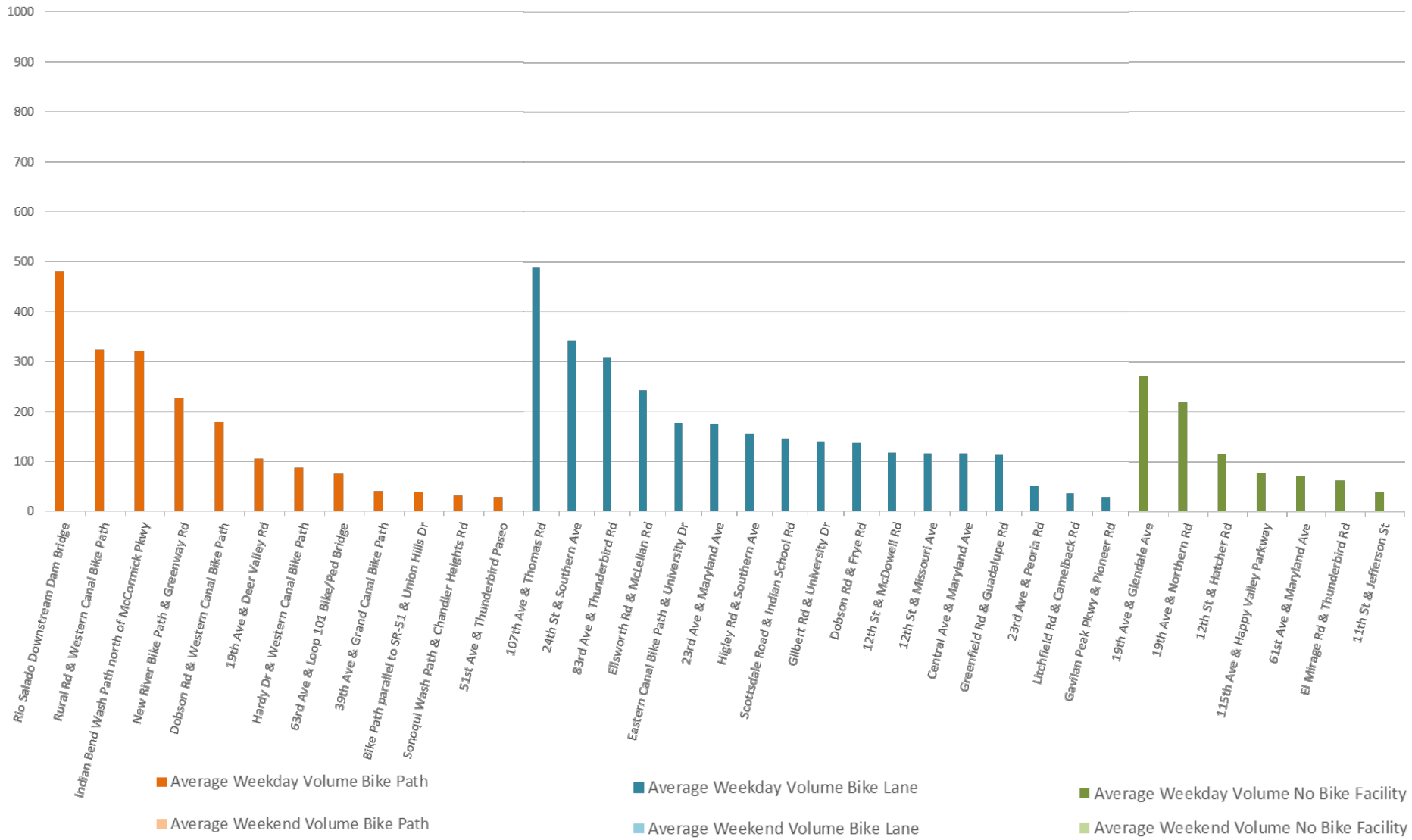
Counter Rental Program Basics

- Read guidebook
- Fill out request form/agreement
  - Return to MAG
- MAG approves requests
- Pick up and return equipment at MAG office
- Agencies responsible for installations and field checks
  - Eco-Counter Installation Guide will be provided
  - MAG staff available by phone/email to assist
- MAG will review and clean data

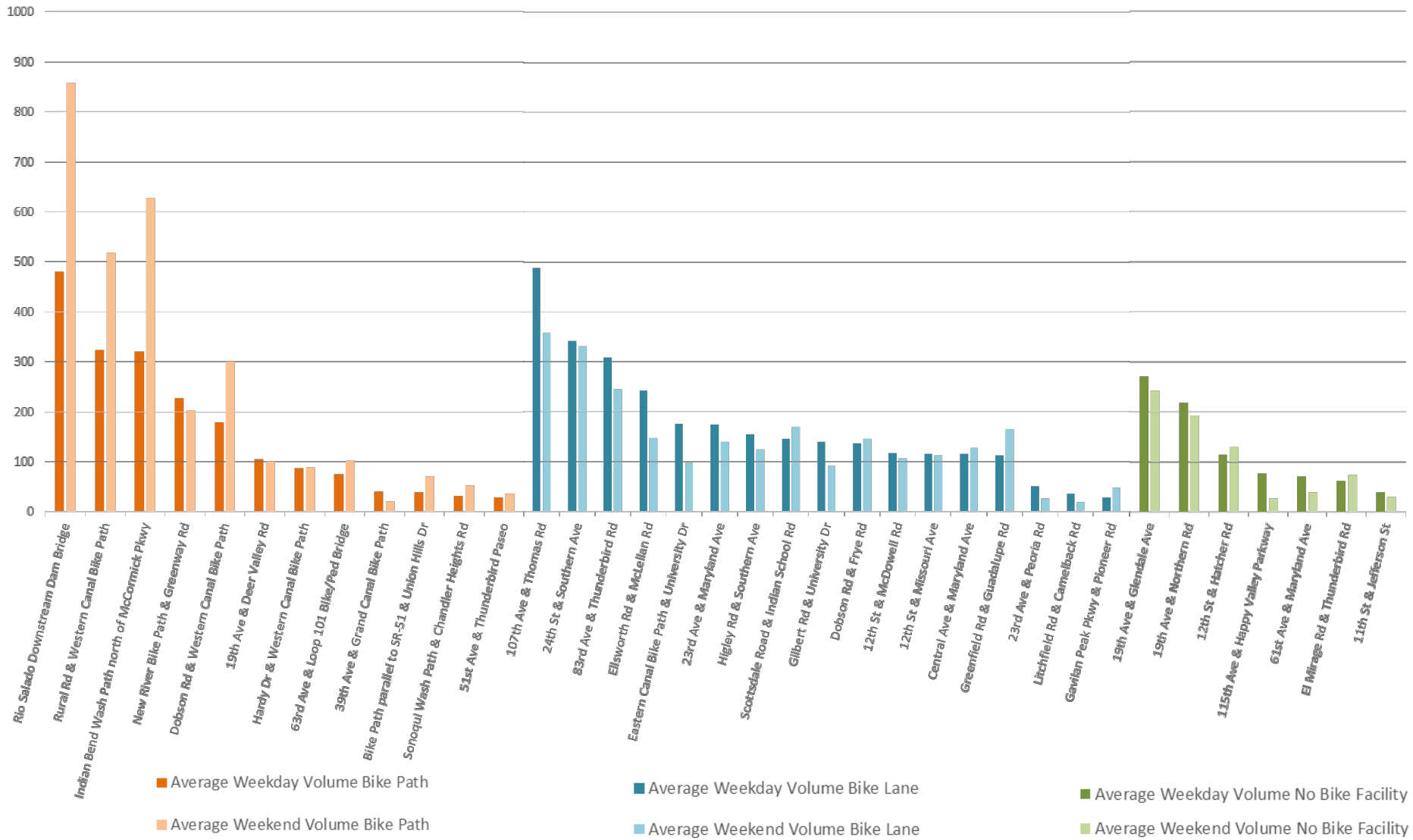
What can you get out of the data?

- Excel spreadsheet with all data
- Average daily and hourly bicycle volumes
  - Weekday and Weekend
- Day-of week volumes
- Estimated number of sidewalk riders

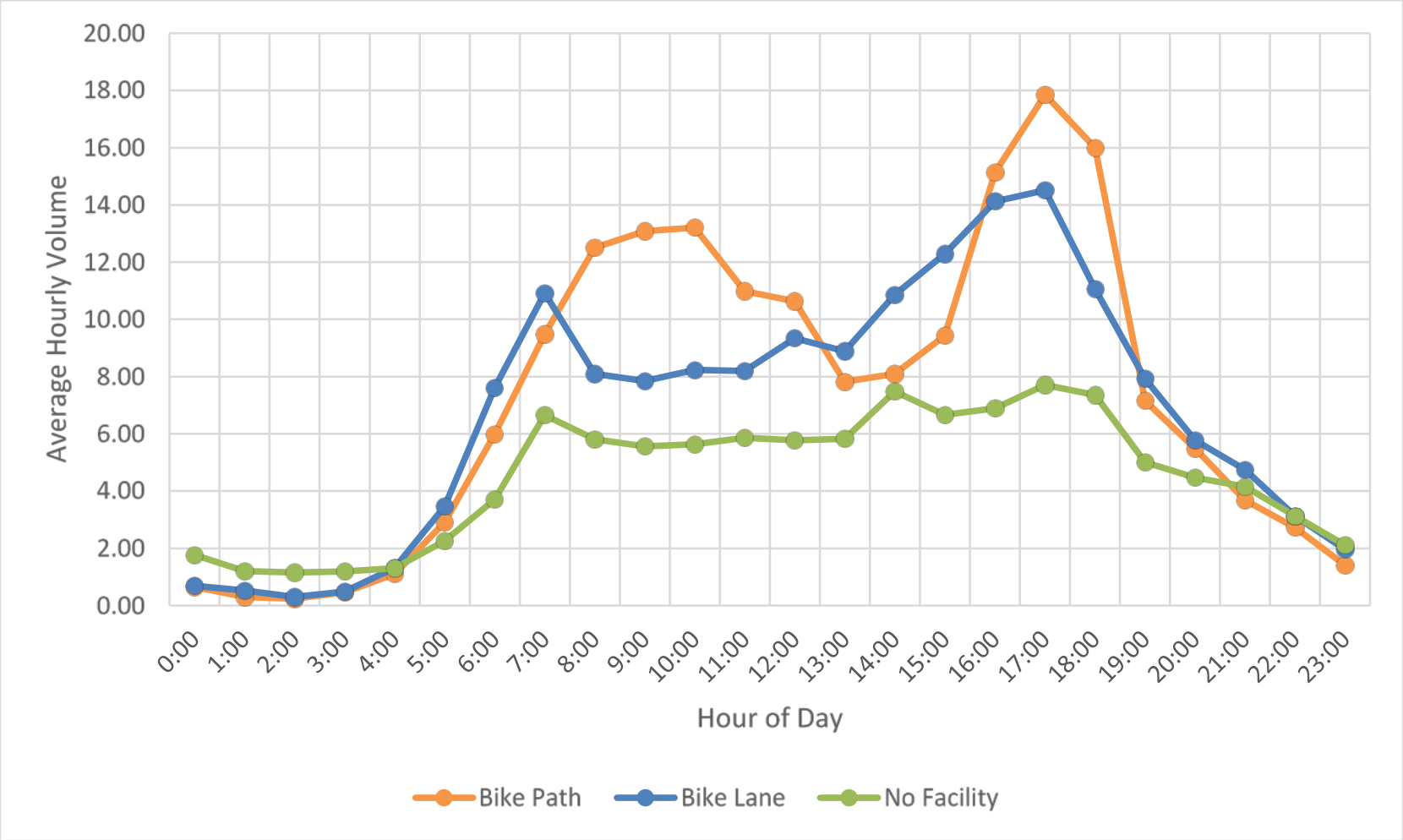
Average Daily Bicycle Volumes



Average Daily Bicycle Volumes

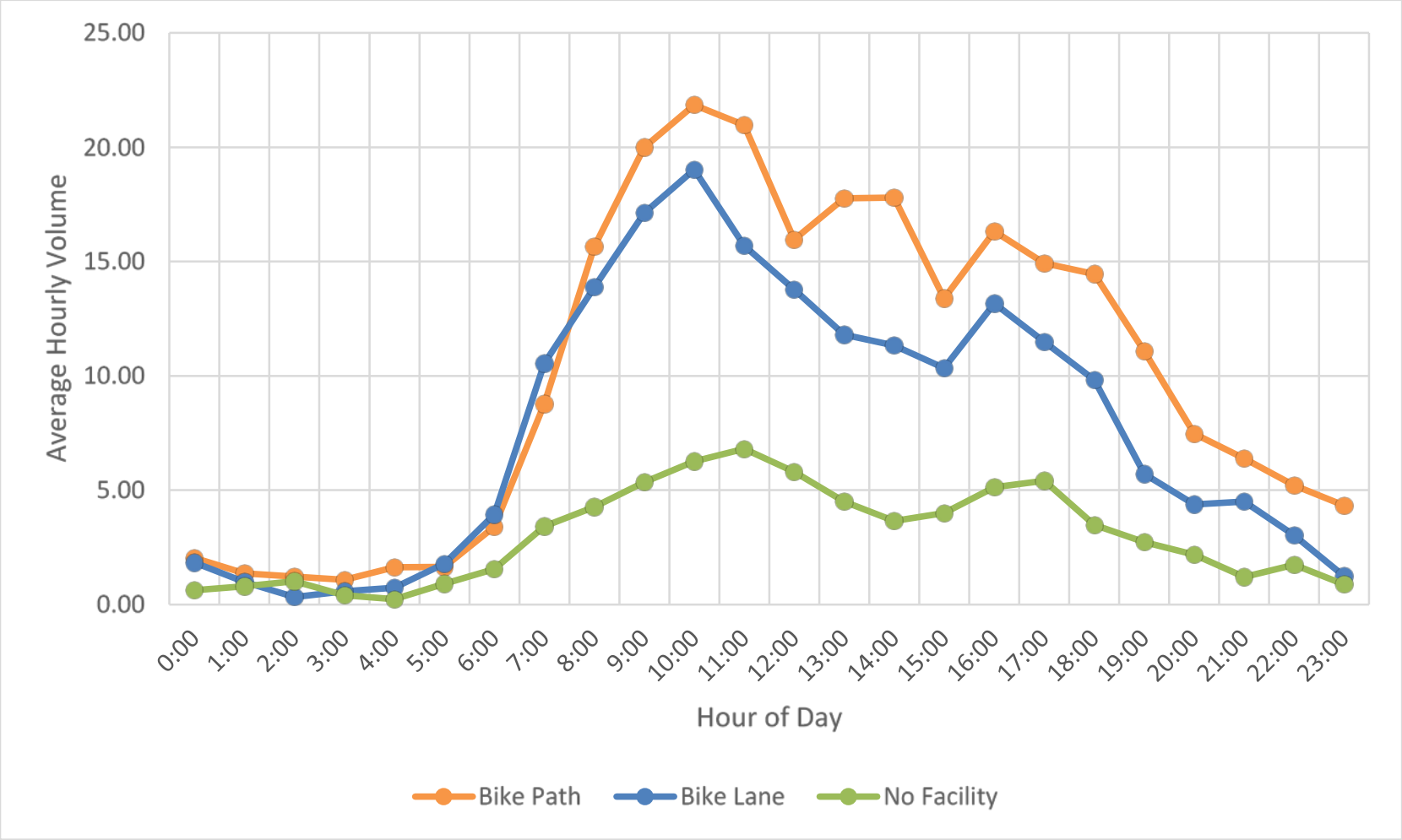


Average Hourly Weekday Volumes



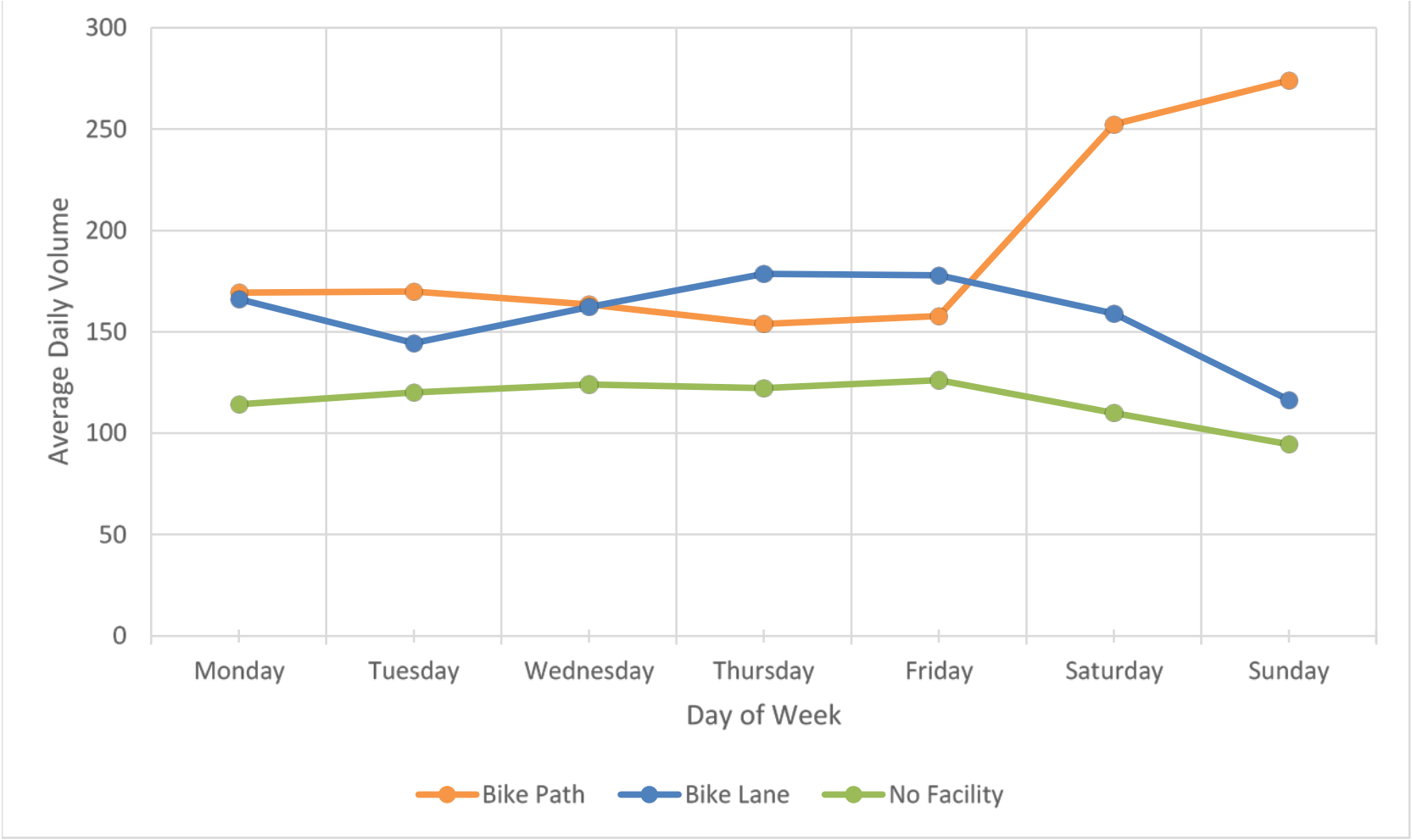
MAG Region, average of 37 automated count stations, October-November 2013

Average Hourly Weekend Volumes



MAG Region, average of 37 automated count stations, October-November 2013

Average Daily Bicycle Volumes



Additional Data Collection Options

- Collect manual peak hour (4pm-6pm) counts
- Install permanent automated counters
  - With new projects or on existing corridors
- Purchase your own temporary counters
- Cameras/Video Recordings

Next Steps

- Finalize guidebook and form
- Begin loan program in June 2015
- Hold workshop/webinar to educate on use of counter and data collection
  - Following Bicycle and Pedestrian Committee Meeting May 26?