Training and Information Session – MAG Bike and Pedestrian Committee

Counting - Objectives

Counting helps:

- **Increase understanding**
- **Improve decision making**
- **Provide justification**

Counting - Objectives

Mobile counters allow you to:

1. Conduct before and after studies

2. Compare different stretches of cycling infrastructure (spatial analysis)

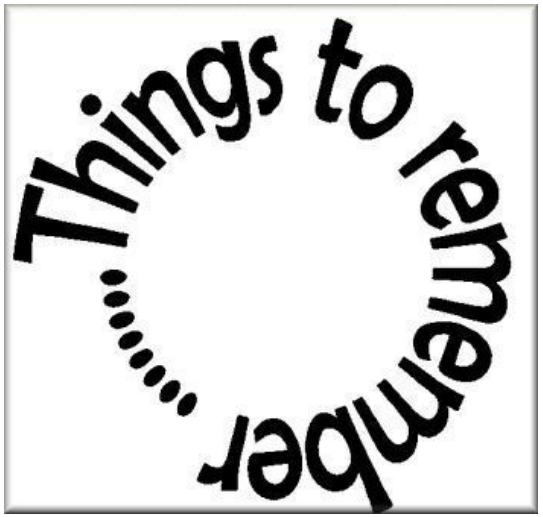
3. Compare cycling volumes along different types of cycling infrastructure (cycletrack vs. on-street bike path)

4. Compare cycling volumes during consecutive seasons or years (however, not as effective as a permanent counter)

5. And more…

Communication and Reporting

- Think of indicators that you would like to see
- Make some simple highlights that medias and agencies can use.
- Share the data !!!



Monitoring Cycle

- Source: **Shawn Turner**, Texas Transportation Institute

Counting Systems: Main Components

Sensor

- Reads signal
- Makes decision on count

Logger

- Stores Data
- Transmits Data
- Provide power to sensor

Software

- Analyze
- Communicate

TUBES

Pneumatic TUBES

- Two tubes placed on the road
- Counter measures the speed and distance between the wheels to distinguish bikes on shared roadway

MOBILE & TEMPORARY (< 3 months)

Pneumatic TUBE – On-Street - Chicago

Pneumatic TUBE – On-Street - Montreal

Our Software: Eco-Link and Eco Visio

Eco-Link (our desktop software) is used to:

- Test the counter after installation
- Adjust counter settings
- Retrieve data from counter and upload to our server

Eco-Visio (our online software) is used to:

- Manage multiple counting sites – keep track of your counters
- View and analyse data
- Communicate your data with graphs, charts and tables
- Synthesize your results into reports
- Collaborate with multiple partners

Live Demonstration

David Beitel
Technical Sales Consultant
db@eco-counter.com
Phone: 866-518-4404

COUNTING PEOPLE, ANALYSING DATA