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Other Bike Share Feasibility Studies

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These studies could be useful in terms of assessing what we should include, formats, etc.

#1 Hamilton bike-share

Report compiled by N. Harper and J.Bauman.

Hamilton, Ontario, Canada, does not yet have a bike sharing program, but published [these slides][^]bike_share_hamilton31.pdf] on its [website](#), illustrating a small feasibility study and plan of sorts, along with a [bike sharing survey](#). Report compiled by N. Harper and J.Bauman.

Format/Contents:

- introduction - includes definition and concept explanation, purpose, and significance in transit, benefits, where it is, map of where, prospective projects in N. america, evolution of bike share, models of provision,
- 2nd generation community model - community and hybrid models, features, program descriptions of both community and institutional bike share, resources needed, potential for hamilton
- 3rd/4th generation high-tech model - goal/key elements, benefits as compared to 2nd gen, bike share in n. america, overview of different models, pricing, operating costs, funding model
- public interest survey results - takeaways, obstacles,
- analysis and recommendations - financial feasibility, theft and vandalism issues, next steps, potential vendors/implementation services, concluding thoughts (quote on bike share)
- questions/comments

#2 Seattle Bike Share

Report compiled by Bike-Share Studio, Dept of Urban Design & Planning, College of Built Environments, University of Washington

Seattle, Washington, USA also does not have a bike sharing program, and [this report](#) was completed in January 2010. I like the format very much, and find it very all-encompassing. Its use of appendices is also good to keep in mind.

Contents:

- Executive Summary - Overview, Bike-Share through time, Bike-Share Riders and system demand, Moving forward
- Introduction - Purpose of this report, defining bike-share, history, status of bike-share in the united states today, benefits, structure of the seattle bike-share feasibility study
- Demand Analysis - Introduction, Modeling Methods Review, Analysis Summary, Indicators, Analytical Method, Results, Demand Estimates, Potential Impacts of Climate and Culture.
- Policy Framework - Introduction, System Elements, City and Regional Policies and Plans, Station Design Policies
- Bike-Share Program Recommendations - Overview, Recommendations, Policy Recommendations, Making Bike-Share a Success
- Appendix A: Maps
- Appendix B: Bibliography
- Appendix C: Additional Information: Demand Analysis - Commute Trip Reduction, Demand Analysis Data Tables, Impacts of Climate and Culture
- Appendix D: Additional Information: Policy Frameworks - Sign code details, Additional Pedestrian Master Plan Information

#3 Philadelphia Bikeshare Concept Study

Report compiled by JzTI and Bonnette Consulting with the Delaware Valley Regional Planning Commission, Feb 2010

This is my least favorite report in terms of format/template. However, it is to be considered.

Content:

- Executive Summary
- Review of Comparables - Overview, City/program background, Comparison of system features, Preliminary assessment

- Demand Determination - overview, modeling methods from sample bikeshare cities, anticipated user profiles, DVRPC methodology and results, discussion of outcome
- Local factors and key challenges - overview, infrastructure: bike lanes in core area, transit: challenges and opportunities, bikeshare: target scale and phasing, funding: operating models and their applicability, liability: potential solutions
- Recommendations - overview, programmatic recommendations, procedural recommendations, recommendations for supporting actions
- Conclusion
- Appendix A: DVRPC bikeshare demand estimation memo

#4 Alta Bicycle Share

This branch of Alta Consulting provides a list of recommendations for bike share planning and [feasibility studies](#):

- "Population structure, income, transportation, employment, recreation, and/or retail centers, bicycle and pedestrian networks and other important urban-related variables that are known to influence cycling;
- Potential for demand for a range of different bike sharing customer profiles;
- A Price-Elasticity of Demand (PED) analysis according to bike sharing customer type in order to assess its impact on established potential for demand of service;
- Using existing transit and commuting data, we can estimate the potential mode shift due to a bike share.

In addition, we can create a detailed business plan for different kinds of bike shares, including:

- Startup funds required;
- Subscription rate and usage;
- Fee structure;
- Total revenues; and
- Detailed operating and maintenance costs, both pre-launch and on an annual basis, including employee expense, direct expenses, and bicycle and station maintenance hard costs."

No labels