

# Open Data in Hamilton

Investing for success

# Open Data and the budget

In keeping within five minutes, this presentation will focus solely upon open data as part of the 2013 budget process.

I will request delegation at a future meeting when the Open Data policy is considered.

# Why Invest in Open Data?

- Citizens desire:
  - Improved Service;
  - Increased Efficiency;
  - More cost-effective delivery;
  - Multiple platform access; and
  - Transparency
- City desires:
  - Decreased silos;
  - Better collaboration between departments; and
  - Development of the knowledge economy.

# Licensing

Licensing is important.

At present, the City's open data license - which the City Manager has stating in writing will not be enforced states:

Unless prior written permission is obtained from the City, the Content's owner and the City's licensors, You may not reproduce, publish, copy, link to, frame, tag, embed, merge, modify, recompile, license, distribute, sell, store in an electronic retrieval system, download (except by the browser of a single user) or transmit, in whole or in part, in any form or by any means whatsoever, be they physical, electronic or otherwise, the Portal and/or the Content.

To be successful, the City must adopt an open license, such as those offered by Creative Commons Canada.

# Efficiency and Cost-Effectiveness

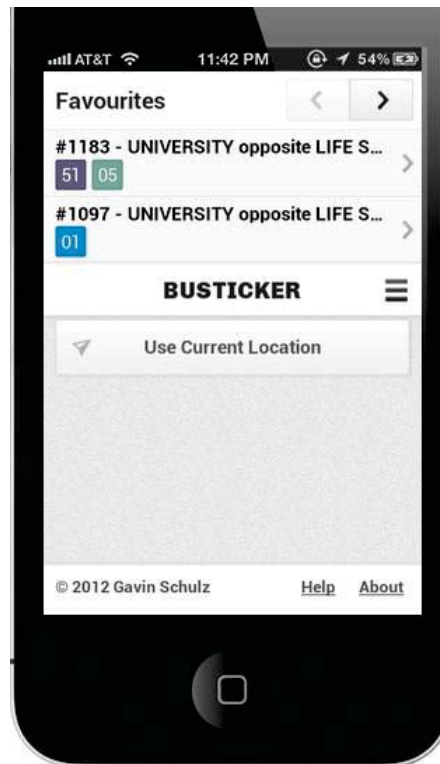
Transit open data is the top request from citizens for open data.

The City need only provide the data, citizens will provide the application.

With the limited data provided, citizens already provide transit applications.

# Meet Bus Ticker

- Developed by McMaster Student Gavin Schulz
- Available on iPhone/iPad and Android
- Cost to users: \$0
- 
- Cost to City: \$0



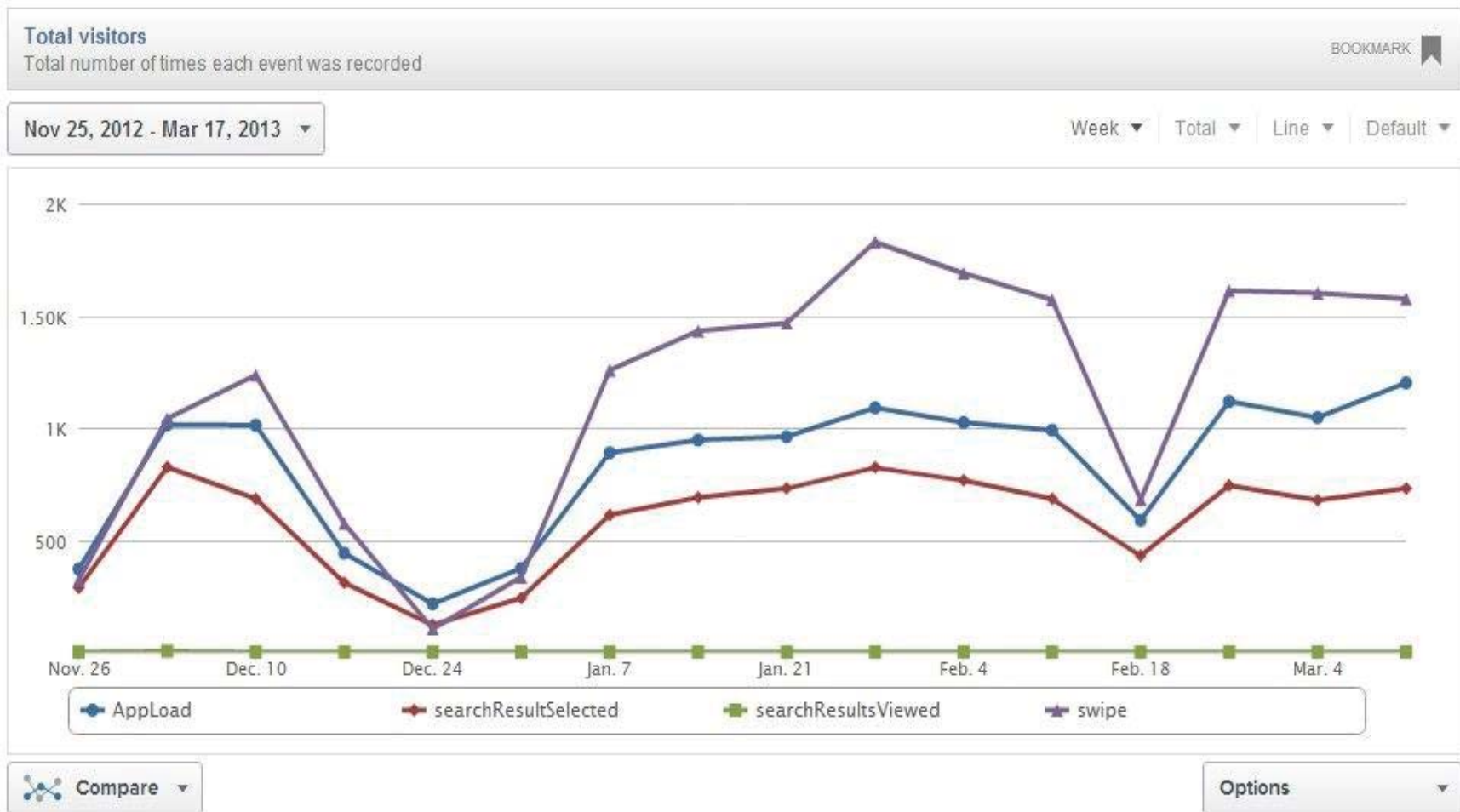
## BUSTICKER

Never be left waiting  
for the bus again!

Quickly and easily find out when the next bus arrives from your phone. Works on Android and iOS.

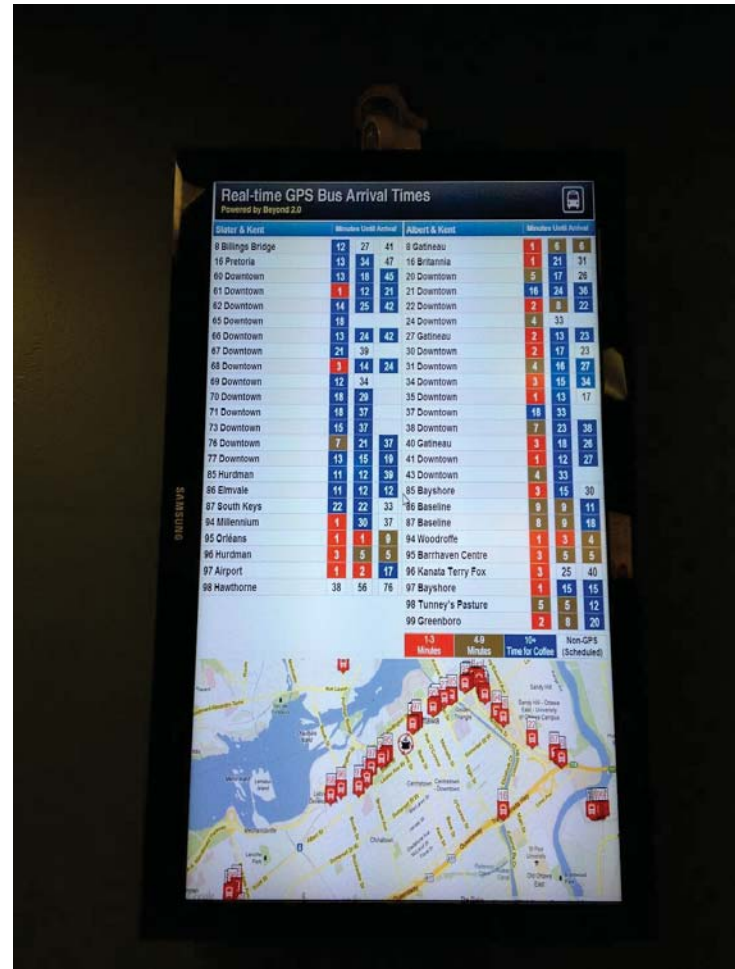
Not endorsed by the HSR or the City of Hamilton.

# Bus Ticker Usage



# Possibilities of Open Data

- Real-time Transit signage
- Built by Citizens for Citizens at no cost to the City





# Staffing Cost

## Model 1

### One Staff

Open Data Coordinator

Departmental-Level  
Responsibility for  
Release Data

**Low Cost**  
**Low Impact**

## Model 2

### Three Staff

Supported by and Reporting to  
City Managers Office

1x Communications/Engagement  
2x Developers

Departmental-Level  
Responsibility for Data  
Open Data staff to support release  
Open Data staff to assist developers,  
encourage standards, quality assurance of apps

**Medium Cost**  
**High Impact**

## Model 3

### Seven Staff

Reporting to City Manager

1x Open Data Manager  
1x Open Data Supervisor  
2x Developers  
2x Internal Secondments  
1x Outreach coordinator

Office Responsible for all  
in Model 2  
Responsible for all City Data

**Medium Cost**  
**High Impact**

# Funding

## City Reserves

City Reserves can be used to provide the capital and operating funding for the first year, with a gradual transition to operating funding from savings resulting from open data

Savings can be returned to reserve funds in future years

## Grants

Open Data office can expand during summer months with grants hiring students to develop projects

# App Contest

<http://apps4ottawa.ca/>

**Questions**

Questions