

# City of Surrey

## Open Data Program

Part of  
SMART SURREY FRAMEWORK

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# What Does Open Data Mean For Surrey

- \* Surrey's Open Data Program is one component of our ongoing efforts to be an open, transparent and accessible government.
- \* Open data is the idea that certain data should be freely available to everyone to use and republish as they wish, without restrictions

# Who Is Going To Access It?

- \* Data is a strategic asset that can be used by others as a catalyst for innovation and provide a foundation for decision-making.
- \* Access to reliable, authoritative data gives citizens and businesses the raw material to make informed decisions and create opportunities
- \* Whether you are a coder looking for data for your app, a student with research questions, or simply want to know more about Surrey and its people, geography and government, our Open Data Catalogue is your place to find data, applications and geographic services.

# Why We Are Doing It

*“We didn’t build libraries for a literate citizenry. We built libraries to help citizens become literate. Today we build open data portals not because we have public policy literate citizens, we build them so that citizens may become literate in public policy”~David Eaves*

# Why We Are Doing It

“Today we build open data portals not because we have a data or public policy literate citizenry, we build them so that citizens *may become* literate in data, visualization, coding and public policy”~David Eaves

# Common Concerns: Learning From Libraries

At the time of building libraries in the 19<sup>th</sup> & 20<sup>th</sup> Century, people argued libraries were dangerous because giving people access to information out of context was thought to be a dangerous thing.

# Common Concerns: Learning From Libraries

Similar dialogue we hear in some corners of government today. People talk about the problem of just handing data over to the public. Some ask “what will people do with the data?”

“They might misunderstand it” or

“They might misuse it.”

Ultimately they argue we can only release this data “in context”.

# Library Engagement

When we think of libraries, we often just think of a building with books. But 19th century mattered not only because they had books, but because they offered literacy programs, books clubs, and other resources to help citizens become literate and thus, more engaged and productive.



# Surrey Engagement

## Our role:

- \* help foster communities around open data
- \* encourage school system to use it as a basis for teaching
- \* help others understand its significance
- \* foster a sense of empowerment and sense of opportunity among a generation that could create the public policy that will save lives, make public resources more efficient and effective and make communities more livable

# Open Data Goals

- \* To increase Transparency and Accountability = increased public trust
  - \* Achieve a 10 out of 10 on the [transparency grade](#) given by public interest groups
- \* Improved quality of life for citizens
- \* Improve citizen interaction satisfaction – Surrey Request App + [Dashboard](#) on our response rates (traffic, potholes)
- \* Supporting entrepreneurship – 1 measure could be app development
- \* Improved efficiency and productivity for staff and public

# Citizen Expectations

- \* The question is no longer about whether data is public or not. The real question is, is it accessible and usable?
- \* Survey Results:
  - \* Government data is the property of taxpayers and should be free to all citizens
  - \* Citizens expect / want to interact with government on website / mobile app as easily as they do with Facebook, Google Maps

# Legal

- \* Adopted the Open Government License in use by:
- \* BC Provincial Government, Canadian Federal Gov., City of Edmonton, many others in near future
- \* Using Open Data Assessment template from the Province of B.C.
  - \* Datasets will be identified by respective Business Area and will be vetted through Privacy Impact Assessment to be signed off by Business Area mgr.

# Surrey Open Data

- \* [www.surrey.ca/opendata](http://www.surrey.ca/opendata)
- \* [opendata@surrey.ca](mailto:opendata@surrey.ca)
- \* Inquiries from the public managed by GIS Section and directed to business area for response if business related

# Data Plan

1. Identify data that supports our strategic goals
2. Start with data we already have available in GIS Open Data site
3. Analyze FOIA requests – what are people looking for
4. Request feedback from citizens – our new catalogue has request/vote component; hackathons/open data day/library datacamp
5. Survey staff – what data would make their job easier

# TOP 10 DATASETS

\* Based on research completed by Socrata

1. Crime Data
2. Restaurant Inspections
3. Permits and Licenses – **Have business licenses!**
4. Service Request stats – **Have it!**
5. Zoning Data – **Have it!**
6. Property Tax data
7. Locations of Public Facilities – **Have it!**
8. Business Listings – **Have it!**
9. Financial Transparency data
10. Performance Metrics

# Data Catalogue

## CKAN (Comprehensive Knowledge Archive Network)

- \* Web based open source data management system for storage and distribution of data.
- \* Portal for discovering data files, apps, streaming services (e.g. RSS feed)
- \* Used by many governments:
  - \* [data.gov.ca](http://data.gov.ca), [data.gov](http://data.gov), [data.gov.au](http://data.gov.au), [data.gov.uk](http://data.gov.uk)
- \* Free! Main alternative ~ \$70-\$120k / year
- \* Hosted solution in Canada < \$1000 / month





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Data is a strategic asset that can be used by others as a catalyst for innovation and provide a foundation for decision-making. Access to reliable, authoritative data gives citizens and businesses the raw material to make informed decisions and create opportunities.

We encourage broad data sharing with the public and across government, as open data whenever possible. Our Open Data Catalogue provides easy access to public government data, applications and web services. These datasets are available under the Surrey Open Government License.

Our geographic services can help you to map and analyze data, find tools to help you conduct your own research, develop applications, or to

**DRAFT ONLY!**

### Search For Data

Popular Tags traffic transportation topography

### Most Popular...

Coming Soon

### Most Recent...

Coming Soon

**What are Categories?**

Categories allow you to group together datasets under a community (for example, Civil Liberty data) or topic (e.g. Transport, Health, Environment) to make it easier for users to browse datasets by theme. Datasets can be part of a Category, but do not belong to the Category for editing or authorisation purposes.

# Categories



## Businesses

Data related to Businesses

1 Dataset



## Community Services

Community Services related data.

1 Dataset



## Environment

Environment related data.

1 Dataset



## Finance

Financial Documents

1 Dataset



## Imagery

Orthophotos, Lidar, Satellite based imagery.

1 Dataset



## Infrastructure

Infrastructure related data.

1 Dataset



## Land Use and Development

Land Use and Development related data

1 Dataset



## Miscellaneous

Miscellaneous datasets

1 Dataset



## Parks and Recreation

Parks and Recreation related data.

1 Dataset

Categories

Transportation

Social

Google+

Twitter

Facebook

License

Open Government Licence  
(OGL) [OPEN DATA](#)

Dataset

Activity Stream

Related

Edit

Follow

# Traffic Camera Locations

Monitor traffic flow with us at more than 120 major signalised intersections in Surrey. We'll add more locations as they become available. - See more at: <http://www.surrey.ca/city-services/762.aspx#sthash.QNpl0FH1.dpuf>

## Data and Resources



### Traffic Cameras - CSV

Monitor traffic flow with us at more than 120 major signalised intersections...

Explore



### Traffic Cameras - Shape File

No description for this resource

Explore



### Traffic Cameras - KML

Monitor traffic flow with us at more than 120 major signalised intersections...

Explore

traffic

## Additional Info

Field	Value
State	active

## Comments

0 comments

★ 0



Leave a message...

# Not Just A Data Portal

- \* Very important to not just think of the Open Data Program as just a data portal
  - \* Visualization tools
  - \* Maps
  - \* Apps
  - \* Mashups
  - \* Discussion forum

### What are applications?

These are applications built with the datasets as well as ideas for things that could be done with them.

### Filter Results

#### Filter by type:

All



#### Sort by:

Default



Only show featured items

Apply

# Apps & Visualizations

Showing items 1 - 2 of 2 related items found



## Fish Finder App

It would be great to find fish like this here.

Go to Application



## Traffic Camera Locations

Monitor traffic flow with us at more than 1... [\(show more\)](#)

Go to Application

## Suggest a Dataset

### Describe Your Request:

eg. What data are you looking for?

**Tags:**

eg. economy, mental health, ζ

**Tags:**

eg. economy, mental health, ζ

**Tags:**

eg. et

# Questions

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@SurreyOpenData on Twitter