



Regional GIS Update

GIS Staff

Steven Ellert - GIS Technologist

Cal Kembel - Senior Graphics Tech.

Mladen Kristic - CAD/GIS Tech.

Jaime Thomas - GIS Analyst

Jordan Thomas - GIS Analyst

Year End Update 2011

This year, the Urban GIS Project was pleased to add three new members to the group. The Towns of Innisfail, Bow Island, and Cardston County now bring the membership up to 38.

Cardston County is the first rural municipality to come on board under our new Rural GIS initiative. The GIS looks and operates very similar to an urban project but on a larger scale, both in area and in size of the files. The county now has 24/7 access to their GIS data just the same as our urban participants. Sometime in the new year we will make a presentation to the other rural municipalities in our region showcasing the Cardston County project. Most of the other rural municipalities do have GIS staff, therefore we would only be offering the additional functionality of a web delivered system.

The Town of Cardston, on behalf of all GIS participants has made an application for the regional collaboration grant which will be called the Oldman River Region GIS Project Enhancement. This project will enable the ORRSC GIS team to provide a new user interface with improved interaction with the GIS. This new interface will provide interactive tools for reporting, data input and user defined queries especially necessary now that the MIMS program has been abandoned. Additionally, a more robust security protocol will be instituted with a move to integrate with the new highly secure data centre located in Lethbridge.

The GIS Project was featured in the Technology Alberta Magazine, a publication produced by the Association of Science and Engineering Technology Professionals of Alberta (ASET). The article submitted by Steven Ellert and Mladen Kristic outlined the project from its rather

small beginnings to the current large scale project we see today. A copy of the article is available through the GIS website.

GIS staff member Jaime Thomas has again been appointed to the Board of Directors for the Alberta Municipal Data Sharing Partnership (AMDSP). This organization, of which all GIS Project participants are members, strives to create a centralized data repository that consists of addressing, roads, and points of interest for all municipalities in the province. This repository can then be accessed by EMS dispatch, AHS, provincial and federal government entities, Elections Alberta, school boards and other agencies. To ensure data accuracy, ORRSC provides biannual updates on behalf of their members for this dataset. This dataset will also be provided to mapping agencies such as TomTom GPS, Google, and Navteq (Garmin GPS) as it contains the most up to date road mapping and addressing.

This past year has seen the GIS staff be involved in a variety of different events. Geo Alberta 2011, the provincial symposium of GIS professionals was attended by Jordan and Mladen.

A guest lecture was delivered by Jaime to the students of the Advanced GIS class at the University of Lethbridge, where he outlined the importance of GIS in a municipal setting.

Again this year GIS staff were invited as exhibitors for Lethbridge College's Career Fair 2011, where post secondary students can discover employment opportunities after they graduate.

Partnering Municipalities

Village of Arrowwood
Village of Barnwell
Village of Barons
Village of Carmangay
Village of Champion
Village of Coutts
Village of Cowley
Village of Glenwood
Village of Hill Spring
Village of Lomond
Village of Milo
Village of Nobleford
Village of Rosemary
Village of Stirling
Village of Warner

Town of Bow Island
Town of Cardston
Town of Claresholm
Town of Coaldale
Town of Coalhurst
Town of Fort Macleod
Town of Granum
Town of Innisfail
Town of Magrath
Town of Milk River
Town of Nanton
Town of Olds
Town of Penhold
Town of Picture Butte
Town of Pincher Creek
Town of Raymond
Town of Rocky Mtn House
Town of Stavely
Town of Taber
Town of Vauxhall
Town of Vulcan
Municipality of Crowsnest Pass

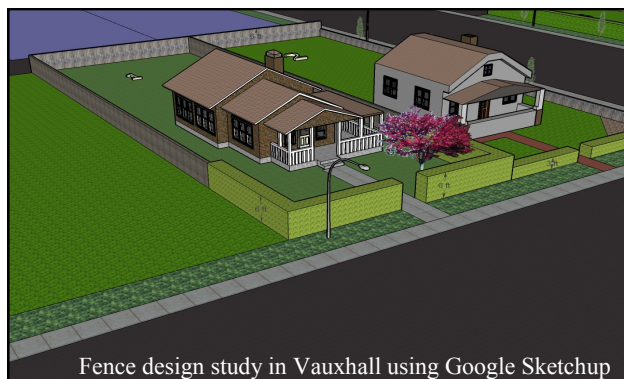
Cardston County

GIS Reminders

- If you have a computer with 64-bit Windows 7 you will have to run the 32-bit version of Internet Explorer for the GIS to be compatible. For more information contact Jaime.
- For better viewing of .tiff images download the free Brava reader program.
- Have new land titles password? If so please contact Jordan with the new password. jltorrsc@telus.net

Google Imagery Update

ORRSC has been in conversation with the data acquisition team at Google, about possibly supplying them with your high resolution ortho imagery. This imagery would be used in Google Earth/Maps and would replace some very low resolution imagery currently seen by some municipalities in those products. So far there has been a resounding "yes" from municipalities to supply this data.



Fence design study in Vauxhall using Google Sketchup