Regional GIS Update

OLDMAN RIVER REGION URBAN GIS PROJECT
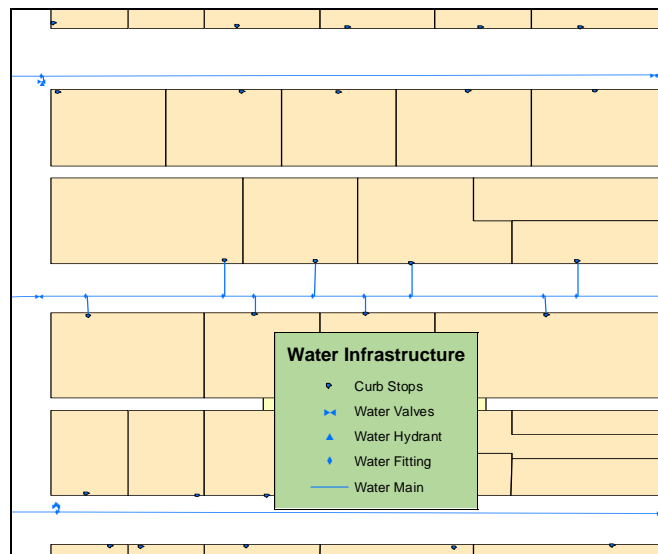
Infrastructure Collection

The GPS collection of curb stops which will enhance current infrastructure is now well under way. Since the beginning of May, ORRSC GIS Technologists Scott Tollestrup and Jordan Thomas, have been traveling to each town and recording curb stop locales. Once these points have been captured, the raw shapefiles which are used are brought back to the office and postproccessed. This process will remove errors in GPS data caused by various factors. It improves the accuracy of GPS positions to approximately sub meter. Once this process has been completed the new shape file will be added to the existing water network. As of June 27, approximately 17 towns have been completed. However, it will be necessary to return to these completed towns to complete the "gaps". The GIS Technologist will need to be aided by public works staff to locate as many of the remaining curb stops as possible.

A reminder to our member municipalities to please notify ORRSC GIS staff if changes to existing infrastructure occurs. This would include the installation of additional features in a new subdivision, or even the addition of hydrants, or valves in existing areas. We would also ask if there is an Infrastructure Master Plan in the near future, to notify us of the engineering firm completing the study as we have much of the infrastructure already. ORRSC staff would like to keep all infrastructure up to date, but again need to be notified of any changes.

Additionally, we ask for regular cemetery updates from our municipalities in order for the GIS to stay current. It would be best practice to contact ORRSC bi-monthly with any new additions to the cemetery. More so, any municipality wanting a MS Access database of their cemetery records, or a large plot showing the layout of the cemetery can receive a copy by contacting Jaime Thomas at jtorrsc@telus.net.

(Below is an example of curbstop data)

Water Infrastructure
- Curb Stops
- Water Valves
- Water Hydrant
- Water Fitting
- Water Main

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 Hill Spring
Village of Lomond
Village of Milo
Village of Nobleford
Village of Stirling
Village of Warner

Town of Cardston
Town of Claresholm
Town of Coaldale
Town of Coalhurst
Town of Fort Macleod
Town of Granum
Town of High River
Town of Magrath
Town of Milk River
Town of Nanton
Town of Picture Butte
Town of Pincher Creek
Town of Raymond
Town of Stavely
Town of Taber
Town of Vauxhall
Town of Vulcan

Many municipalities now have 2006 assessment reports available on the GIS. ORRSC staff are still waiting for the arrival of these reports from approximately 10 municipalities. To access these reports, a user must double click on a parcel and will be prompted to view either the assessment report (PDF) or the registered plan (.TIF) of the area viewed in Brava Reader

GIS TIPS

1. If a report or registered plan is not showing up, hold your control key down as you may have a pop up blocker on.
2. A user can zoom in/out and pan by using the scroll wheel on the mouse.
3. A user can reload a page by pressing ctrl+r