



# Regional GIS Update

The Oldman River Regional Services Commission is pleased to announce the approval of the enhanced grant under the 2005 Municipal Sponsorship Program. The grant, which was approved for the full amount of \$446,447.25, will help lay the foundation for the creation of four new layers under the Oldman River Region Urban GIS Layer Project. The four new layers of assessment, cemeteries, registered plans, and enhanced infrastructure, will add further information to the current GIS, which in turn will provide municipalities with current, digital data

which can be accessed in one location. The first steps for the creation of the assessment and cemetery layers are now in progress, as municipal members have been prompted to supply ORRSRC with their tax assessor, and cemetery records contact. With these contacts in place, ORRSRC will then be able to acquire the necessary information to initiate the creation of these two layers.

ORRSRC has also been busy with other undertakings, as they were approached by Alberta Community Development to carry out a trail

mapping and inventory project in Cypress Hills Interprovincial Park. All trails, and features (signs, fences, crossings, hazardous tread) were collected with a mapping GPS then packaged into a GIS project, which will be sent to park officials.

## Partnering Municipalities

*Village of Barnwell  
Village of Coutts  
Village of Cowley  
Village of Lomond  
Village of Nobleford  
Village of Stirling  
Village of Warner*

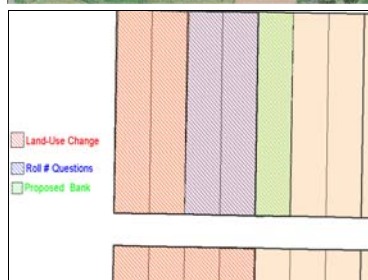
*Town of Cardston  
Town of Claresholm  
Town of Coaldale  
Town of Coalhurst  
Town of Fort Macleod  
Town of Magrath  
Town of Milk River  
Town of Nanton  
Town of Picture Butte  
Town of Pincher Creek  
Town of Raymond  
Town of Staveland  
Town of Taber  
Town of Vulcan*

## Additional GIS Personnel

With the approval of the municipal grant, ORRSRC will be hiring two, one year contract employees. The first position will be a CAD/GIS Technologist, in which the individual will aid in data conversion, as well as preparing new and existing mapping products. The second position consists of a GIS Programmer, who will in turn add to the development of the ORRSRC current GIS product.



The addition of each municipalities new orthophoto is nearly complete. These new photos were flown in May 2005, and as one can see, are in full color, while depending on the choice each municipality made, at a scale of either 1:10,000, or 1:5,000. Accompanying these orthophotos, are two additional sources of information, digital elevation models, (DEM) as well as contour information. Nearly all of the contour information for each municipality has been authored into the GIS, and both DEM and contour information files are available to each municipality upon their request.



The GIS team has been busy in recent months giving presentations to various groups around Southern Alberta. Steven Ellert and Jaime Thomas first presented at the Alberta Development Officer's Conference in Pincher Creek, then gave additional presentations to the M.D. of Pincher Creek, and to the GEO 255 class at LCC. During the presentations, Steven and Jaime explained the features and benefits of a web delivered GIS product.