

Moving GIS into the Enterprise

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Moving GIS into the Enterprise

What is an Enterprise GIS ?

Staff GIS Inquiry (ArcIMS)

Property Management System (AMANDA)

Pavement Management System (dTIMS)

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GIS Inquiry (ArcIMS)

The screenshot displays the City of Richmond GIS Inquiry web application. The browser window title is "City of Richmond GIS - Microsoft Internet Explorer" and the address bar shows "http://map.city.richmond.bc.ca/webot/gis_city/viewer.htm". The page header includes the City of Richmond logo and the text "City of Richmond British Columbia, Canada" and "GIS INQUIRY". A navigation menu contains buttons for "Zoom In", "Zoom Out", "Zoom In / Out to:", "Pan", "Last View", "Max View", "Overl. Map", "Print", "Identify", "Property Info", "Select", "Query", "Buffer", "Clear", "Measure", "Set Units", and "Download". The main map area shows an aerial view of a residential area with a yellow highlighted property. The right sidebar contains a "HELP" and "COMMENTS" button, a "Cursor will: Identify Property" indicator, and an "Active Layer: PROPERTY" label. Below this are "Services", "Layers", and "Legend" tabs, a "Search by:" input field, and a "Richmond Key: 23710 (Property)" dropdown. The "Property Features" section lists: Roll: 099000000, PID: 000-817-068, Address: 12249 1st Ave, Lot: 15 SEC: 10-3-7 PL: 249, Zoning: C1, Area Plan: BER-C, BER-P, Rights of Way: OCP SCH, Sewer Area: Garbage Pick up Day: Monday, DP#:, ALR:, Heritage:, ESA:, NEF:, Parcel Area: 612 sq.m. The "Legal" section lists: BCAA Legal: 15 SEC 10 BLK3N RG7W, PL 249 Suburban Block 2. A "REFRESH MAP" button is at the bottom of the sidebar. The map area includes a scale bar (0 to 125m) and a copyright notice: "Copyright (B) 2005 City of Richmond".

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Property Management System (AMANDA)

The screenshot displays the AMANDA software interface for property management. The window title is "AMANDA - Tracy Bobariu - [Property/Parcel Info]". The menu bar includes File, Data, Search, Edit, Actions, Reports, Window, and Help. The toolbar contains icons for Close, Update, Pick, Accept, Retrieve, Detail, Query, To-Do List, Adhoc Qry, Reports, Folder, Property, People, Location, People Lic., Call Centre, and L.O.C. The main interface has tabs for Property, Folder Property, Parcel, Info, Comment, People, Survey, Relation, and Attachment. The "Property" tab is active, showing a list of properties on the left and a detailed form on the right. The form contains the following data:

Field	Value
Propcode	Property/12240 1st Ave Richmond
Address	12240 1st Avenue
City	Richmond
Province	BC
Postal/Zip	V7E 3M2
Roll #	089000000
Plan/SubDiv.	249
Lot	15
Type	Property
Sec/BN/RW	10 3 7
Name	
Legal	Suburban Block 2.
Status	Active
Indicators	Violations <input type="checkbox"/> Child <input type="checkbox"/> Invoice <input type="checkbox"/>
Area	612.7791
Frontage	
Depth	
Zoning	C4
Condition	
X-Street	
Family ID	23710
Route	
Created Date	
Obsolated Date	
GIS	23710
Parent ID	
Row ID	23710

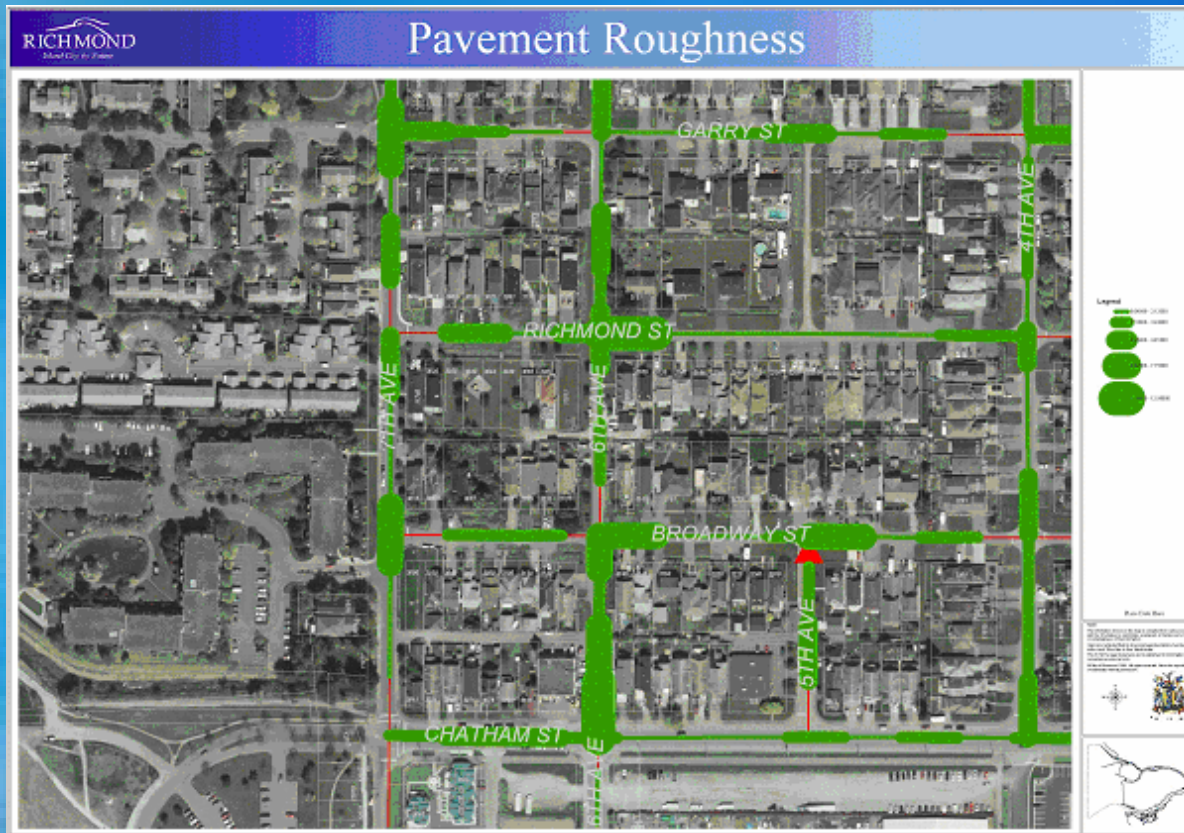
The "Info" section on the right contains a list of attributes and their values:

Info	Value
DPA	Y
ALR	N
ESA	N
NEF	N
Heritage	N
BER Curr.	0.9m
BER Prop.	2.6m
ROW Plan	
Area Plan	04 Stevesto
OCP	2.4
DCC	Y
B Insp. Area	B3
P Insp. Area	P3
D Insp. Area	D1
BL Insp. Area	U3
L Insp. Area	L3
CC Insp. Area	C1
Recycling	Monday
Sewer Area	Stev
Govt. Owned	Rmd

At the bottom of the form, there are buttons for List View, Related View, Folder, Assessment, Copy, Copy Columns, Violation, Invoice, Re-Default, GIS, and Family. A checkbox for "Show no. of rows on tabs" is also present. The status bar at the bottom right indicates "1 Row Returned".

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Pavement Management System (dTIMS)





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Benefits of an Enterprise GIS

Stream-lines Approval Process

Consistent Data

Eliminates duplication of work and data