

Brampton

GIS Program City of Brampton

URISA Municipal Update
November 8, 2005

2005 ESIG AWARD WINNER
ENTERPRISE SYSTEMS



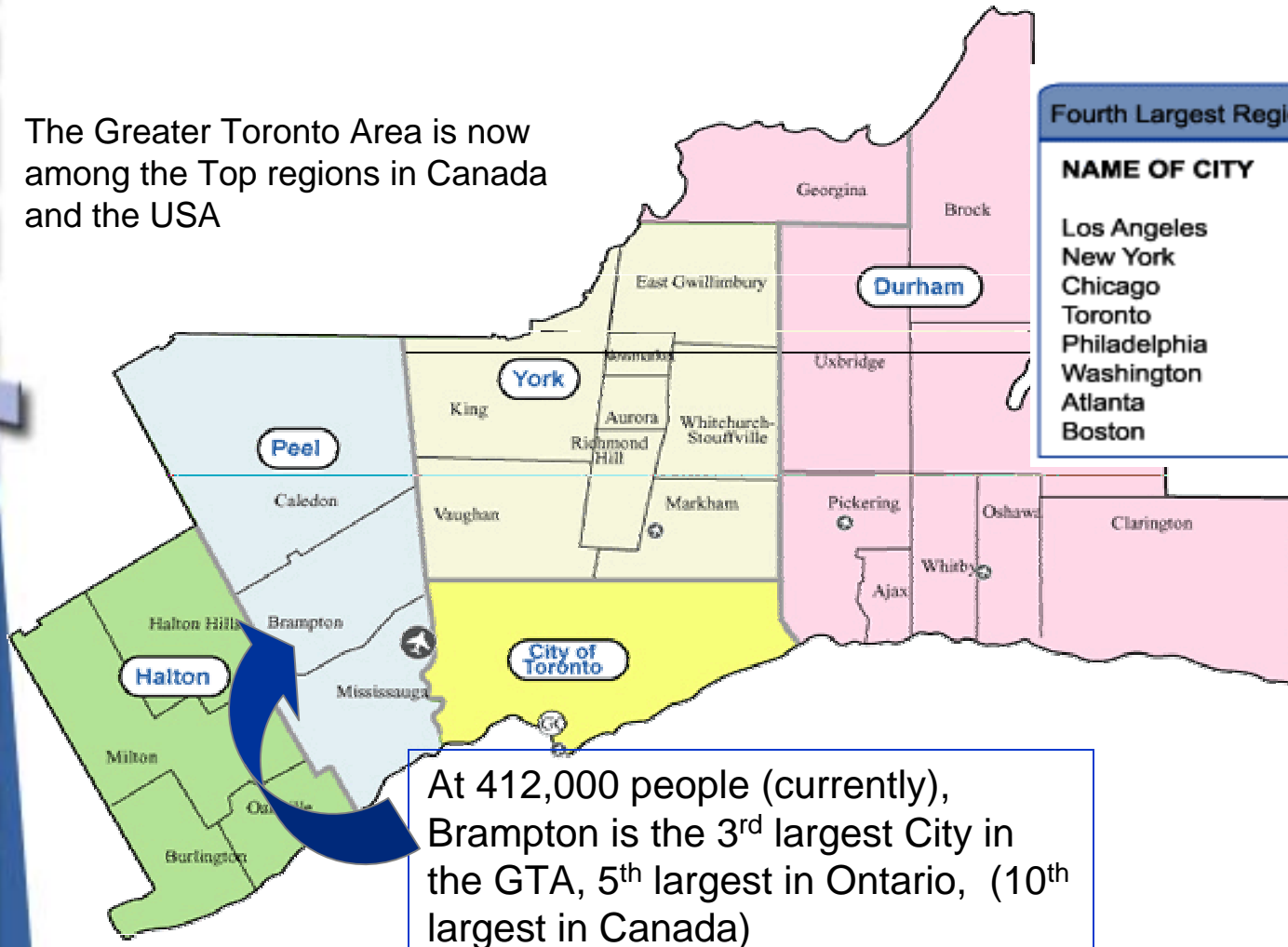
Presentation Outline

- Summary of Brampton
- Why GIS is Important
- Public Participation & Communication

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Brampton is located in the GTA

The Greater Toronto Area is now among the Top regions in Canada and the USA

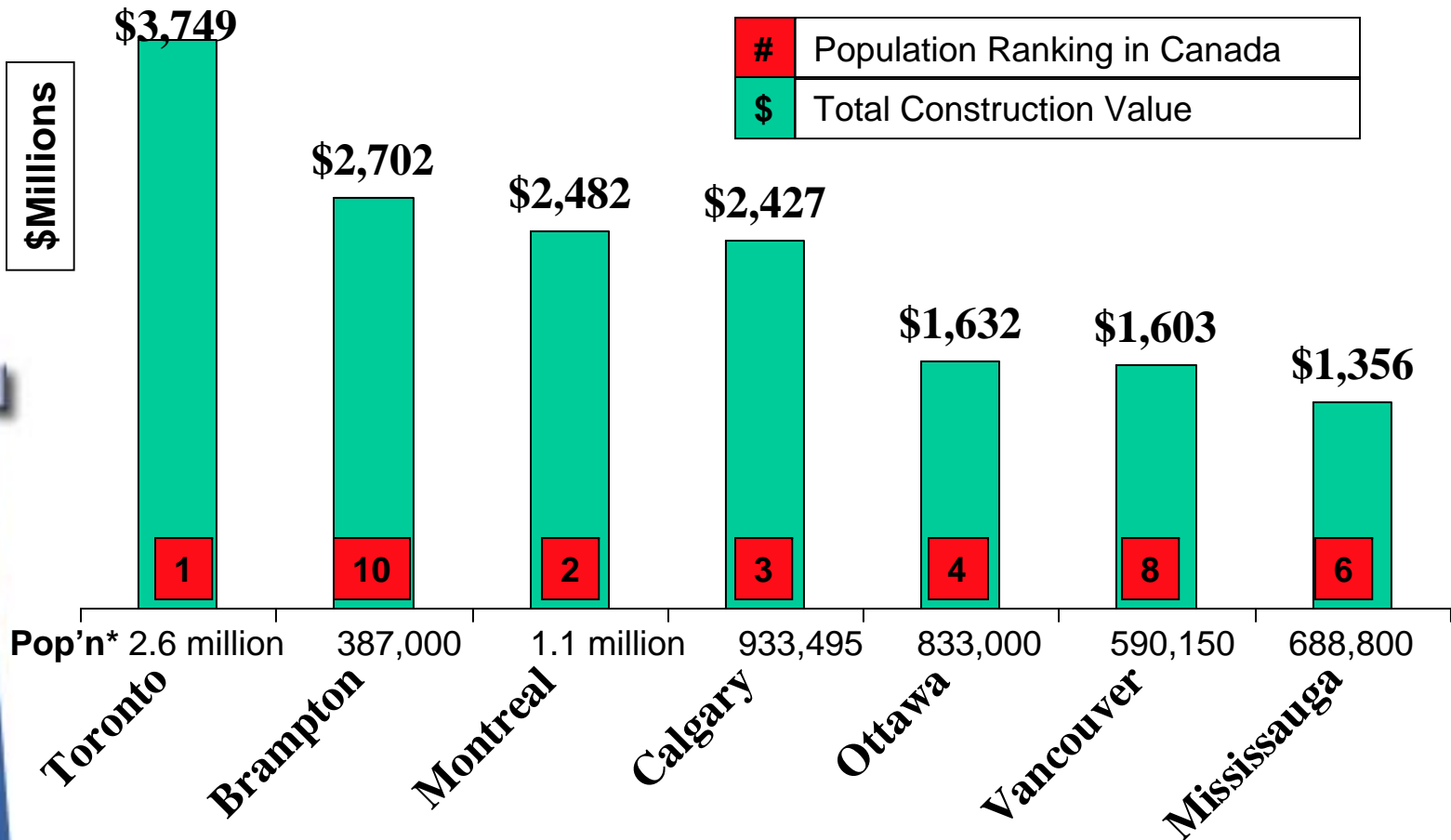


Where we are

Source: Greater Toronto Marketing Alliance, 2003



Nationally: Total Construction '04



Source: Statistics Canada, Building Permit Cat., 1999-2004

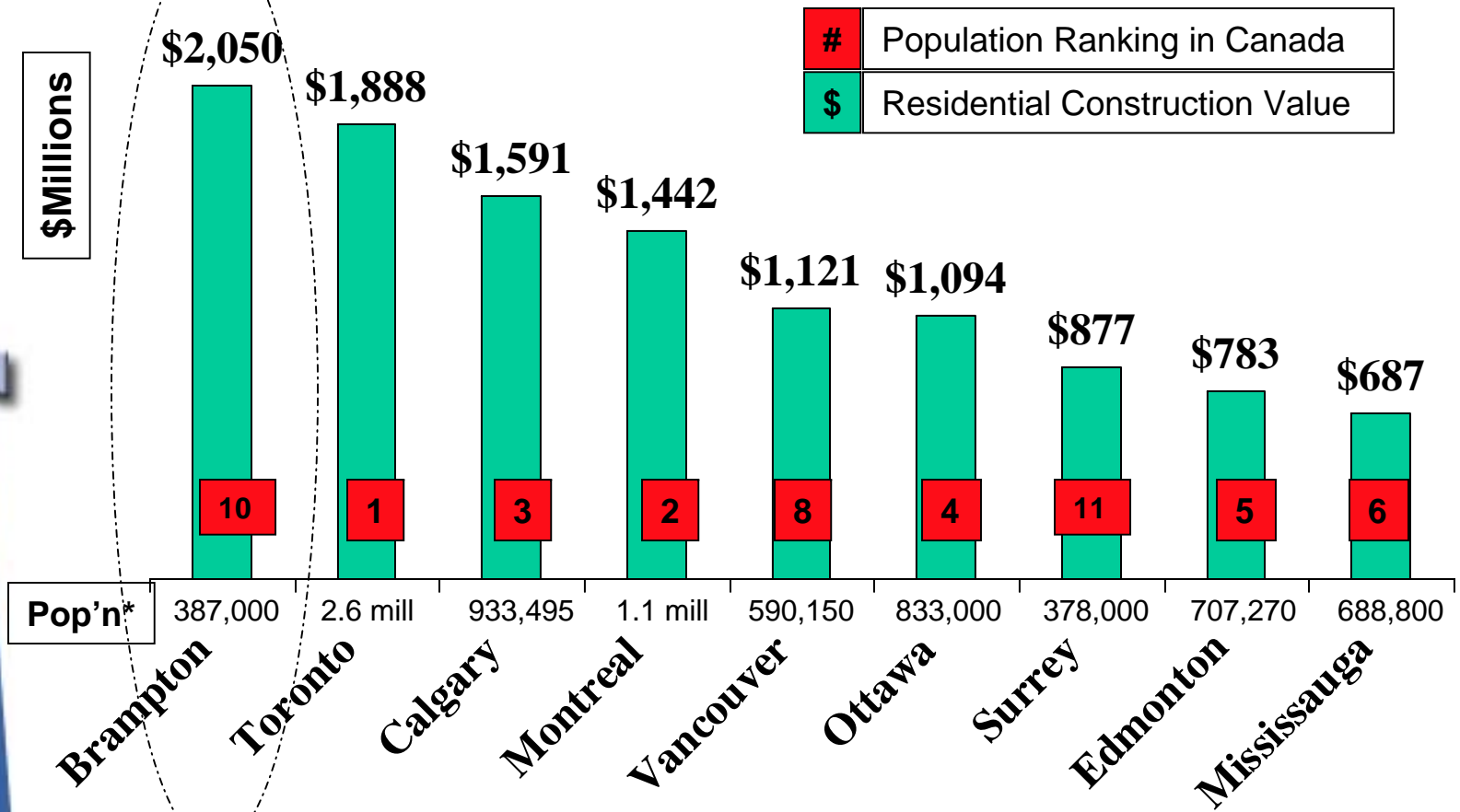
* 2004 Estimates based on Planning Projections for the City or by the City

Growing Fast!



Brampton

Nationally: Residential Construction '04



Source: Statistics Canada, Building Permit Cat., 1999-2004

* 2004 Estimates based on Planning Projections for the City or by the City

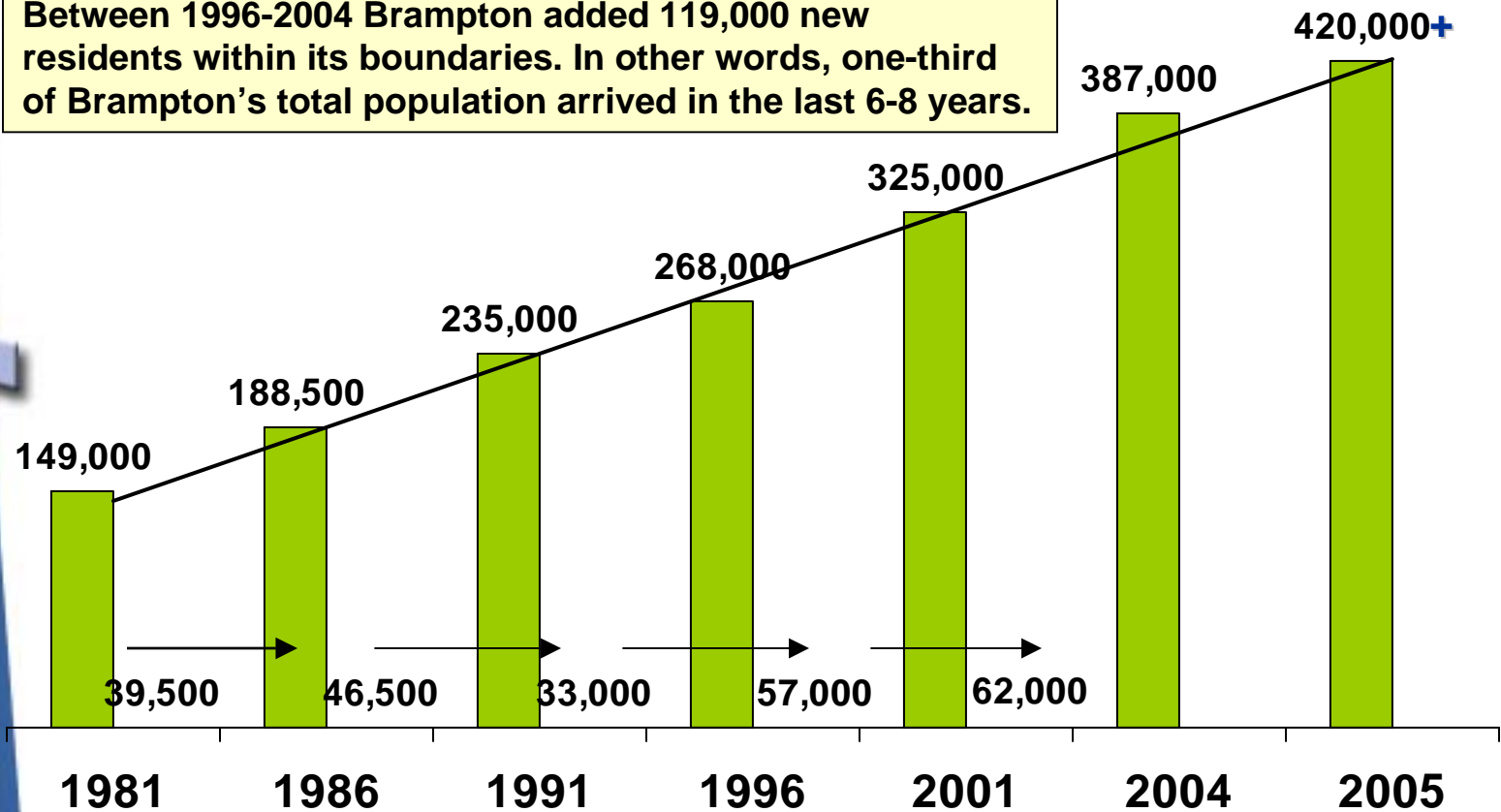
Growing Fast!



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Population Analysis: 1981 - 2004

Between 1996-2004 Brampton added 119,000 new residents within its boundaries. In other words, one-third of Brampton's total population arrived in the last 6-8 years.



Source: Statistics Canada, 1981-2001; 2004 data furnished by Hemson.

Growing Fast! – Real Impacts

The Impact of Growth for GIS

- Growth drives the GIS Program
- Increases the uptake of GIS throughout City departments
- How - Due to providing key up-to-date, centralized, standardized, spatially enabled Information

GIS Aids Staff to be More Efficient

The GIS Program - Our Vision

- Implement an Enterprise - Wide GIS Solution
- Modernize related business processes
 - simplify data sharing amongst departments,
 - minimize data redundancy,
 - facilitate access to spatial data and,
 - ensure appropriate public access to the GIS information.
- Establish best practices based on what is happening in the GIS industry

As we began...setting our goal

GIS Keys to Successes

- Established the strategy & followed the plan
- Communication & Sponsor involvement was key
- Internal marketing, and “prove it to me” scenarios
 - Being open to feedback
- Under promise – over deliver

Achieving our goal

How Did We *Really* Get Here?

- Created Data Standards, Policies & Procedures
 - Published & Available to all that ask
 - Based on & linked to internal standards
- Established technology framework to ensure consistency across the corporation
- Identified & Provided Tools to those that are responsible for maintenance & analysis of the Data
- Performed GIS Analytic activities for those that do not have the expertise

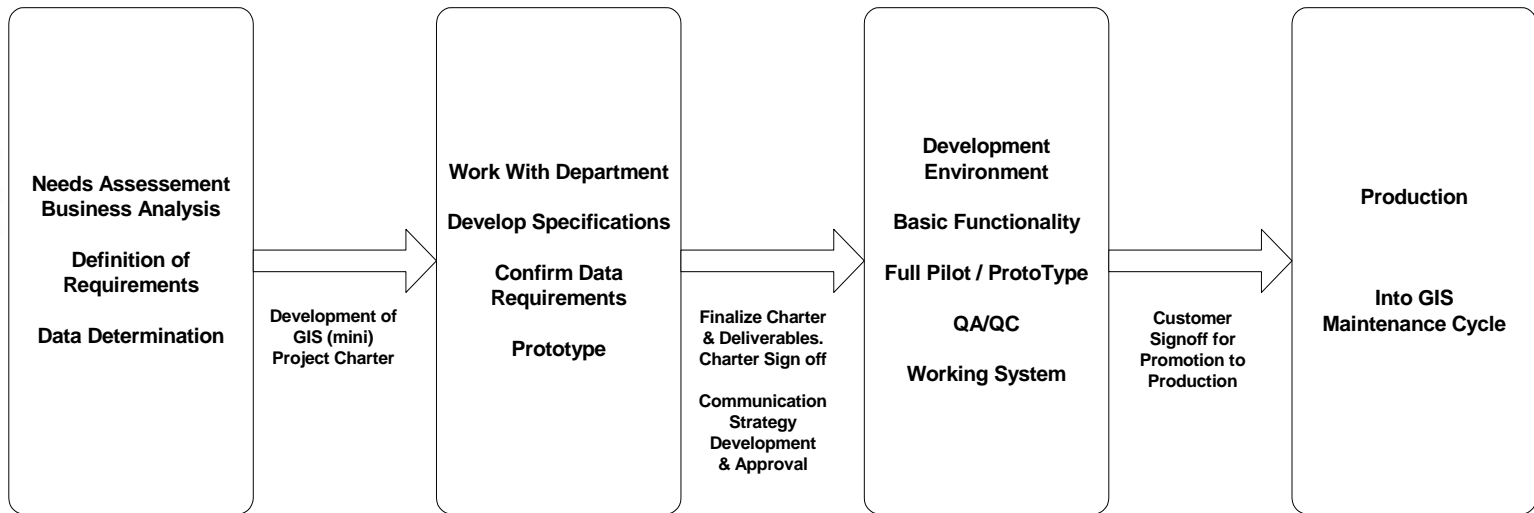
Achieving our goal

GIS Standard Work Flow

GIS DATA / SYSTEM DEVELOPMENT FLOW

2004/11/23

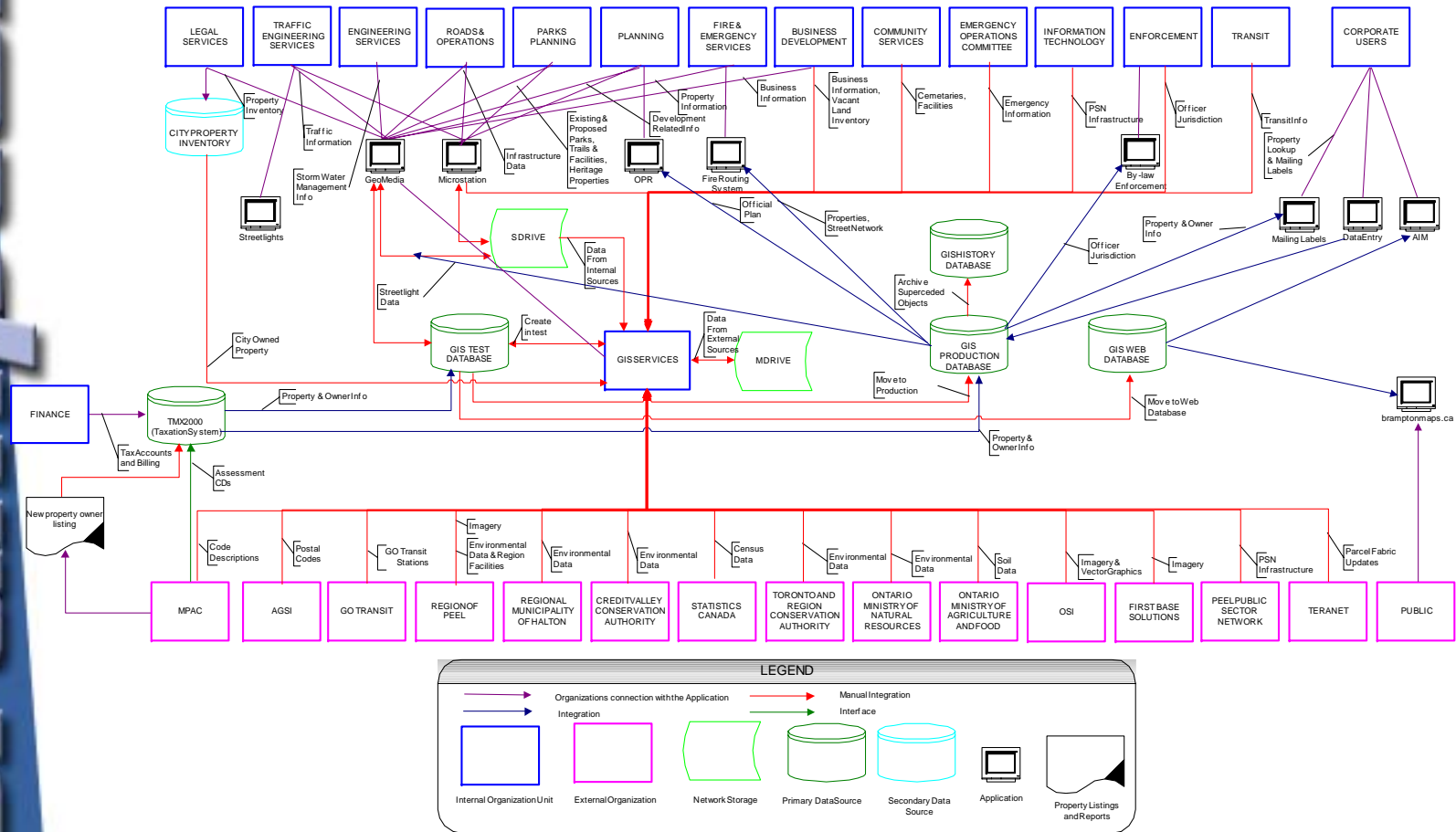
For Typical Workflows, Applications, Websites, etc



Follows all City Project Management Procedures
(or other procedures if required)
Larger projects follow the City's "Full" Project Management Processes

GIS Data Architecture

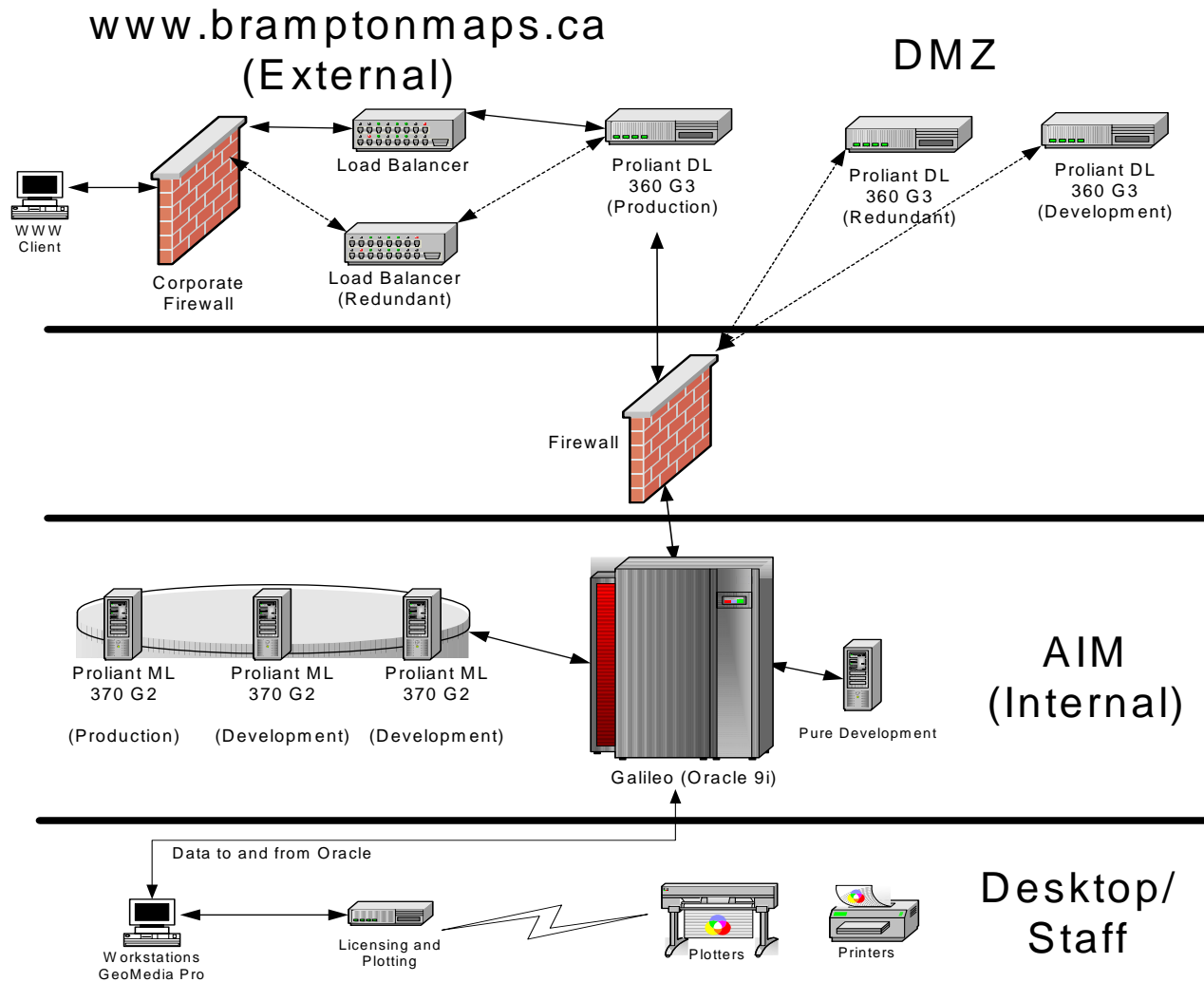
CORPORATE GIS DATA ARCHITECTURE



Ensuring Information Flows

GIS Infrastructure

Brampton



Ensuring Information Flows

Public Impact??

- Why is this important to the public?
- Citizens can get information that they require efficiently
- City staff can efficiently get information to better serve the citizens

Public Participation & Communication

GIS Program – Adding Value

- Citizens have the ability to find places near them
 - Via the web, can query their address, look for rec centres, businesses, intersections & other City facilities
- Businesses can find information regarding a site that they are interested in
- City staff have access to applications that save money and/or enhance service offerings
 - Forestry tool (tree inventory)
 - Burn permits (Fire & Emergency Services)
 - Mailing Notifications & Property Lookup

Public Participation & Communication


Aiding Internal Staff

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PINS

Property Inquiry & Notification System

PINS - City of Brampton - Microsoft Internet Explo...



Enter the owner name

EG. SMITH JOHN

PIN:	142230836		
Roll:	10-07-0-025-08640-0000		
Address:	59 LARKSPUR RD		
Legal Desc:	PLAN M1204 LOT 60		
Frontage:	29.53 ft	Depth:	109.91 ft
Area:	3245.64 ft ²	Ward:	9
Owners:	LATCHFORD WILLIAM ROBERT		
	LATCHFORD TRACEY LYNN		
Mailing Address:	59 LARKSPUR RD BRAMPTON ON L6R 1W8		

[Previous] [Next]

Mail Label

Buffer


Prev Owners

Show Map

Print

[Back to result list](#)

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0.11 km  Scale

EDO Site Selection

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VACANT LAND PRO

VACANT LAND P

PROPERTY TYPE
OFFERING
TRANSACTION TYPE
PIN
ROLL NUMBER
LEGAL DESCRIPTION
STREET NUMBER
STREET NAME
UNIT
GIS ADDRESS
NEAREST INTERSECTION
SPA NAME
SPA NUM
WARD
CITY AREA
BUILDING NAME
LISTING COMPANY
LISTING COMPANY ADD
LISTING REP
LISTING PHONE
LISTING FAX

City of Brampton - Microsoft Internet Explorer provided by Information Technology

File Edit View Favorites Tools Help

Business Report

120m Study Area

Print

Close

Back

100 m

Count	Business Description (Click on the description for a detailed business list)
6	ACCOMMODATION AND FOOD SERVICES
2	ADMINISTRATIVE AND SUPPORT, WASTE MANAGEMENT AND REMEDIATION SERVICES
0	AGRICULTURE, FORESTRY, FISHING AND HUNTING
1	ARTS, ENTERTAINMENT AND RECREATION
0	CONSTRUCTION
2	EDUCATIONAL SERVICES
3	FINANCE AND INSURANCE
7	HEALTH CARE AND SOCIAL ASSISTANCE
0	INFORMATION AND CULTURAL INDUSTRIES
0	MANAGEMENT OF COMPANIES AND ENTERPRISES
1	MANUFACTURING
0	MINING AND OIL AND GAS EXTRACTION
0	NOT SPECIFIED
18	OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)

Site Selection Report

DemographicD

BusinessRep

Print

Close

Important to the Public?

- Citizens & businesses now receive consistent:
 - Addressing on the mail sent to them
 - Inclusive – information about their areas
 - Information & messaging from counter staff at city facilities
 - Information & messaging from call center staff
- A Primary data source for any Master Plans being created by the City
- A visualization tool to communicate with the public

Public Participation & Communication

New Downtown P A C

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Public Visualization & Communication

New Downtown Theatre



Public Visualization & Communication

New Recreation Complex

The Outside From the North East



Public Visualization & Communication

New Recreation Complex

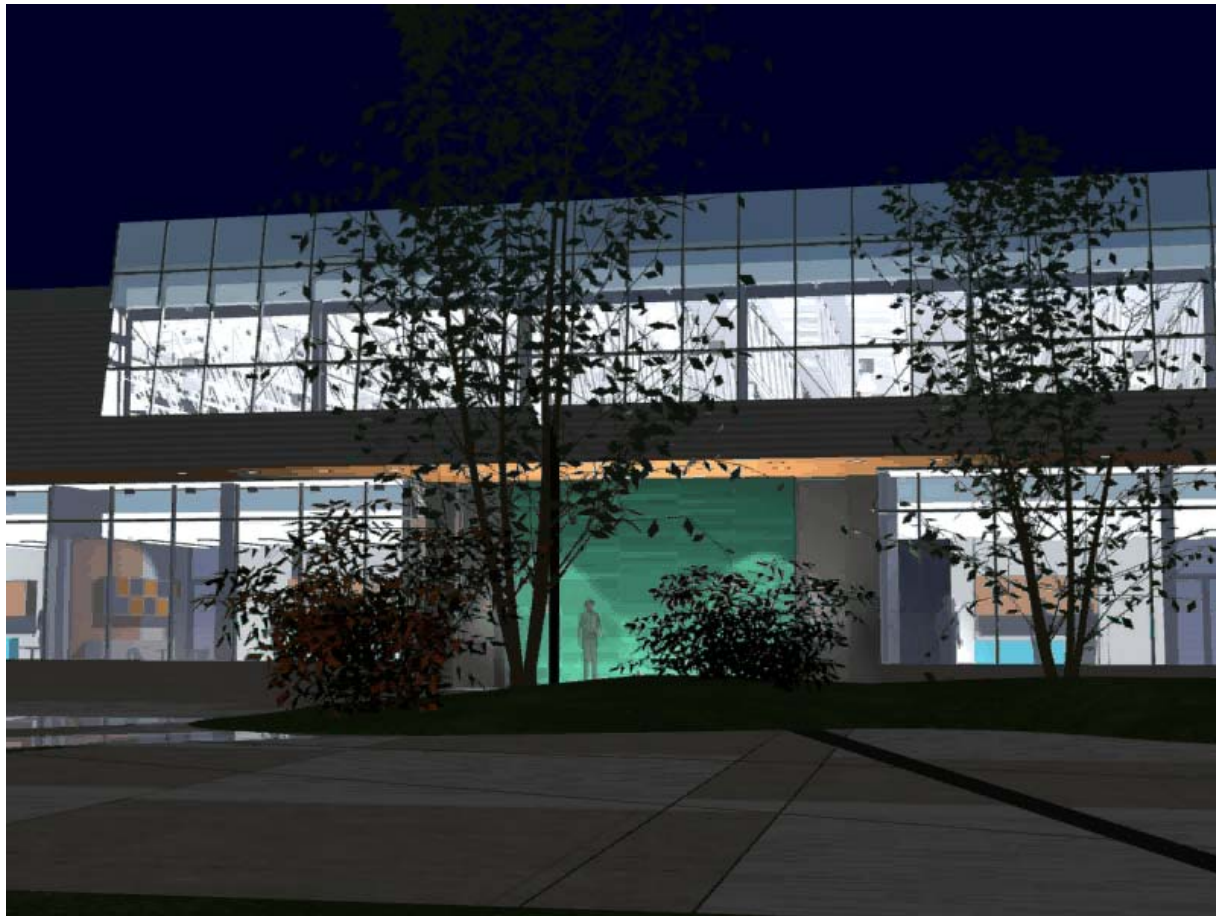
And the Inside



Public Visualization & Communication

New Recreation Complex

And the Outside At Night



Public Visualization & Communication

What's Next?

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- More Integration & Information Flows
 - More map based services to the public
 - Mapping integrated into other web services, such as online registration, bylaws
- User Friendly Map Based Web Services
 - Redesigning & Tweaking the mapping site
 - Removal of “clicks”
 - Targeting advanced & novice users
 - Feedback channel – email, surveys, call-ins

Information – Easy to Access



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Thank You

Questions?

OR

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bill.latchford@brampton.ca

