Election 2006
Municipal - Municipale
http://elections.greatersudbury.ca

Proposed Method of Voting

2006 Municipal Election

November 13, 2006

Key Principles

➡ Secrecy and confidentiality of each individual vote

➡ Fair, non-biased and equitable for both the candidate and the voter

➡ Accessible to the voter

➡ Integrity of the process

➡ Results reflect the votes cast

➡ Voters and candidates treated fairly and consistently

Criteria Applied When Selecting an Alternative Voting System

- ➡ Eligibility and Authentification
- ➡ Uniqueness
- ➡ Accuracy
- ➡ Certifiability
- ➡ Integrity
- ➡ Verifiability and Audit Ability
- ➡ Reliability
- ➡ Secrecy and Non-Coercibility
- ➡ Flexibility
- ➡ Convenience
- ➡ Transparency
- ➡ Cost-effectiveness

Municipal Elections Act Section 41 (3)

"**The clerk** shall **make such changes to some or all of the ballots as he or she considers necessary or desirable to allow electors with visual impairments to vote without assistance.**"

Methods of Voting

➡ Vote by Mail

➡ InternetVoting/Telephone Voting

➡ Paper Ballot

➡ Optical Scan Vote Tabulators and Voter Assist Terminals with Paper Ballot

Challenges

Vote by Mail

- Voter Authentification
- Dependancy on an Accurate Voters' List

Internet Voting/Telephone Voting

- Voter Authentification
- Dependancy on Accurate Voters' List
- Technical Problems

Challenges

Paper Ballot

54,338 composite ballots were cast in the 2003 election

For each ballot cast in a Municipal Election the Deputy Returning Officer must count the office of Mayor, Councillor and School Board Trustees while in a federal/provincial election for each ballot cast the DRO counts only one office.

Federal/Provincial Elections - 1 ballot = 1 office
Municipal Election   - 1 ballot = 3 to 8 offices

Federal/Provincial Elections - 1 ballot type
2003 Municipal Election   - 30 ballot types
2006 Municipal Election   - 60 ballot types

Challenges

Paper Ballot

➡ Meeting the requirements of the Municipal Elections Act with respect to the visually impaired voting without assistance.

   12 wards x 5 ballot types x 2 Braille Ballot Styles in English and French = 240 ballot styles

➡ Recruiting sufficient election staff to work on election day.

Optical Scan Vote Tabulators
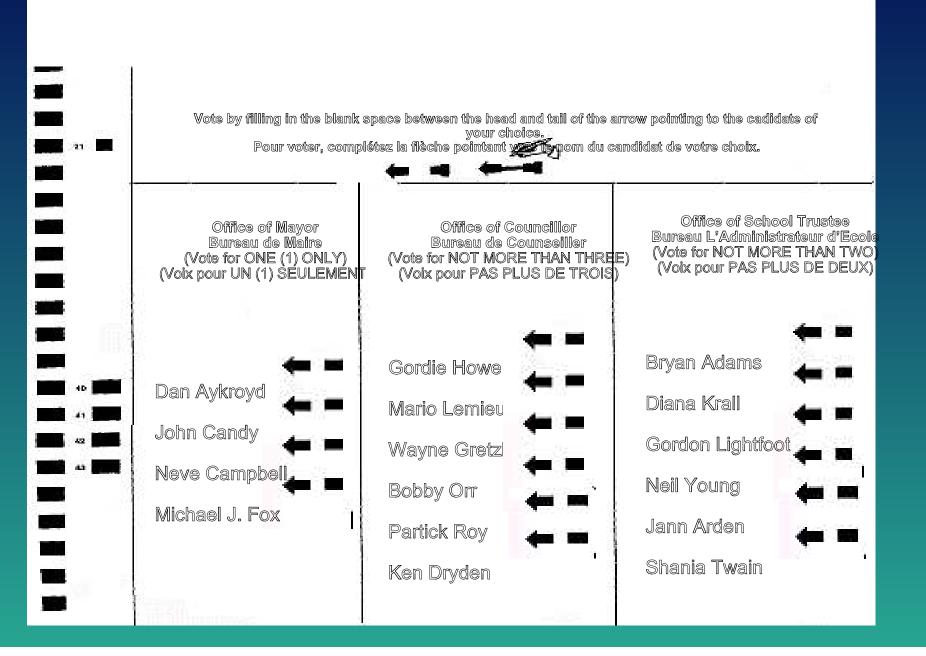# Voter Assist Terminals

Key Advantages to the Voter

➡ Early Election Night Results

➡ Uses a paper ballot

➡ Protection from Overvoting

Meeting Requirements of the Municipal Act
Visually Impaired Voting Without Assistance

➡ Voter Assist Terminals comply with the requirements of the MEA as the visually impaired can vote without assistance

➡ Voter Assist Terminals Interface with the Vote Tabulators

➡ Provides an audio and/or touch screen ballot

➡ Zoom in feature to enable increase the font size

➡ All voters with special needs can use this technology

➡ Advance Poll and Selected Locations on Election Day in consultation with the CNIB and the Accessibility Advisory Committee

Optical Scan Vote Tabulators

Vote by filling in the blank space between the head and tail of the arrow pointing to the cadidate of your choice.
Pour voter, complétez la flèche pointant vers le nom du candidat de votre choix.

Office of Mayor Bureau de Maire (Vote for ONE (1) ONLY) (Voix pour UN (1) SEULEMENT	Office of Councillor Bureau de Counseiller (Vote for NOT MORE THAN THREE) (Voix pour PAS PLUS DE TROIS)	Office of School Trustee Bureau L'Administrateur d'Ecole (Vote for NOT MORE THAN TWO) (Voix pour PAS PLUS DE DEUX)
Dan Aykroyd	Gordie Howe	Bryan Adams
John Candy	Mario Lemieu	Diana Krall
Neve Campbell	Wayne Gretzk	Gordon Lightfoot
Michael J. Fox	Bobby Orr	Neil Young
	Partick Roy	Jann Arden
	Ken Dryden	Shania Twain

Exit Survey Conducted 2003 Municipal Election

➡ Exit Survey at Advance Poll and Election Day

➡ Close to 10,000 questionnaires completed

➡ Over 94% found "Marksense" ballot **easy to use**

➡ Over 87% **trusted** the Vote Tabulator to record their ballot

➡ Over 94% between the ages of 55 and 64 found the "Marksense" ballot **easy to use**

Methods of Voting
Other Municipalities

INTERNET VOTING
Municipalities:
Town of Markham - advance voting only

TELEPHONE VOTING
Municipalities:
None

OPTICAL SCAN - CENTRAL COUNT
Municipalities:
City of Brantford
City of Brockville
City of Cambridge
City of Elliot Lake
City of Guelph
City of Kitchener
City of North Bay
City of Orillia
City of Quinte West
Town of Iroquois Falls
Town of Niagara on the Lake
Town of Penetanguishene

TOUCH SCREEN WITH AUDIO BALLOT
Municipalities:
City of Barrie
City of Cornwall
City of Hamilton
City of Mississauga
City of Peterborough
City of Toronto
City of Vaughan
City of Windsor
Town of Ajax
Town of Aurora
Town of Markham
Town of Oakville
Town of Richmond Hill
Township of King

OPTICAL SCAN - POLL COUNTERS
Municipalities:
City of Brampton
City of Burlington
City of Cornwall
City of Greater Sudbury
City of Hamilton
City of Mississauga
City of Niagara Falls
City of North Bay
City of Orillia
City of Oshawa
City of Ottawa
City of Pickering
City of Port Colborne
City of Sarnia
City of St. Catharines
City of Stratford
City of Thorold
City of Thunder Bay
City of Timmins
City of Toronto
City of Welland
City of Windsor
City of Woodstock
Prince Edward County
Municipality of Central Elgin
Municipality of Kincardine
Town of Ajax
Town of Aurora
Town of Cobourg
Town of Fort Erie
Town of Greater Napanee
Town of Grimsby
Town of Temiskaming Shores
Loyalist Township
Township of Russell
Township of King

Township of Springwater
Township of West Lincoln
Township of Woolwich
Village of Casselman
Town of Kapuskasing
Town of Markham
Town of Milton
Town of Newmarket
Town of Niagara on the Lake
Town of North Perth
Town of Oakville
Town of Pelham

TOUCH SCREEN
Municipalities:
City of Barrie
City of Brampton
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City of Cornwall
City of Hamilton
City of Mississauga
City of Peterborough
City of Pickering
City of Sarnia
City of Stratford
City of Toronto
City of Vaughan
City of Welland
City of Windsor
Town of Ajax
Town of Aurora
Town of Markham
Town of Milton
Town of Oakville
Town of Richmond Hill
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PAPER BALLOT - MANUAL COUNT
Municipalities:
All municipalities not already listed that participated in the survey.

Concluding Remarks

➡ Post election 2003 briefings

➡ Identified areas requiring improvements

    - increased number of election workers

    - larger and increased number of polling locations

    - inadequate signage

    - poor outdoor lighting

➡ Providing a report to Council in early in the new year

QUESTIONS?