



C o o r d i n a t e d S t r e e t F u r n i t u r e P r o g r a m f o r T o r o n t o



Agenda

- 1:30 - 1:40 pm **Participant Introduction**
Samantha Sannella, President and CEO, Design Exchange
- 1:40 - 1:50 pm **Presentation - Toronto Streetscapes – Aiming Higher**
Robert Freedman, Director - Urban Design, City of Toronto
- 1:50 - 2:00 pm **Presentation - Coordinated Street Furniture Program**
Andy Koropeski, Director - Transportation Services, City of Toronto
- 2:00 - 2:15 pm **Team Challenges**
Robert Freedman, Director Urban Design, City of Toronto
- 2:15 - 4:15 pm **DESIGN CHALLENGE**
- 4:15 - 5:15 pm **Report Back and Discussion**
- 5:15 - 5:30 pm **Closing Remarks and Next Steps**



Street Furniture Program

Presentation: Toronto Streetscapes – Aiming Higher

Robert Freedman

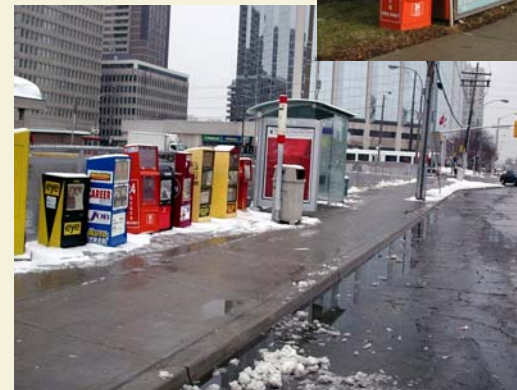
Director - Urban Design

Planning Division

City of Toronto

“...if a city’s streets look interesting, the city looks interesting;
if they look dull, the city looks dull.”

Jane Jacobs



A City of Beauty



SWEEP IT



DESIGN IT



GROW IT



BUILD IT



CELEBRATE



All successful cities astonish with their human-made and natural beauty. People choose to live and businesses choose to invest in beautiful cities.



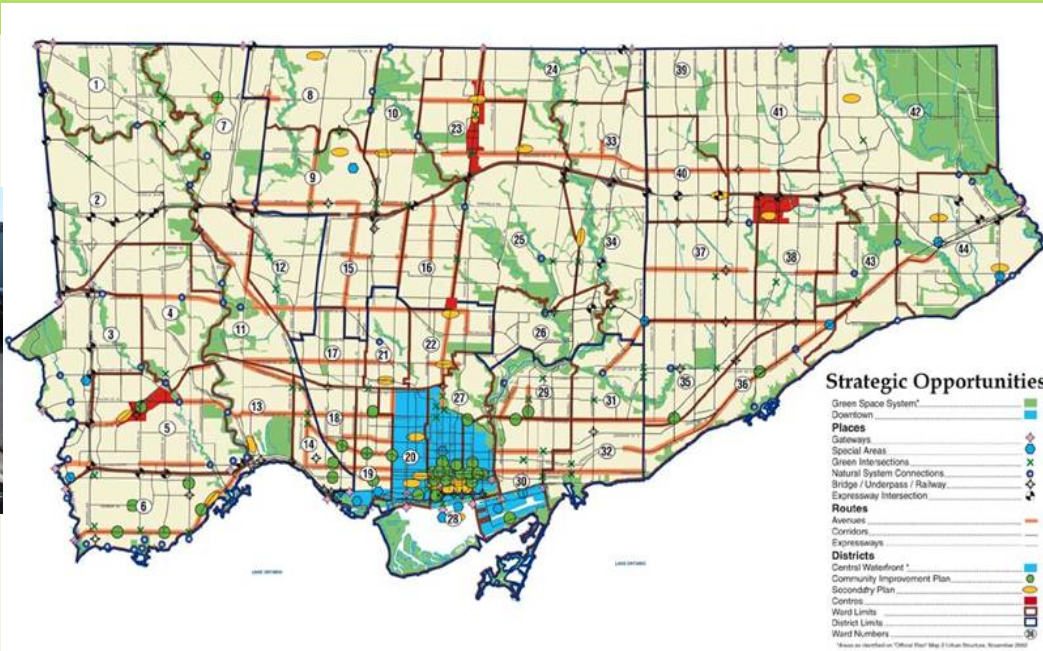
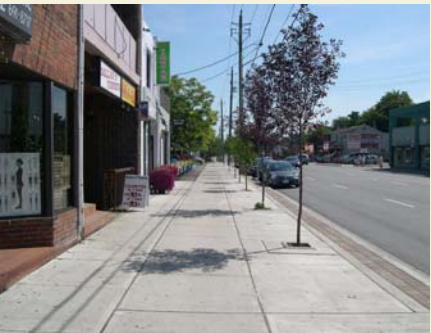
Toronto's future must be one where ...quality and excellence are hallmark's in the design of public spaces and buildings.



New Official Plan p. 3 - 4

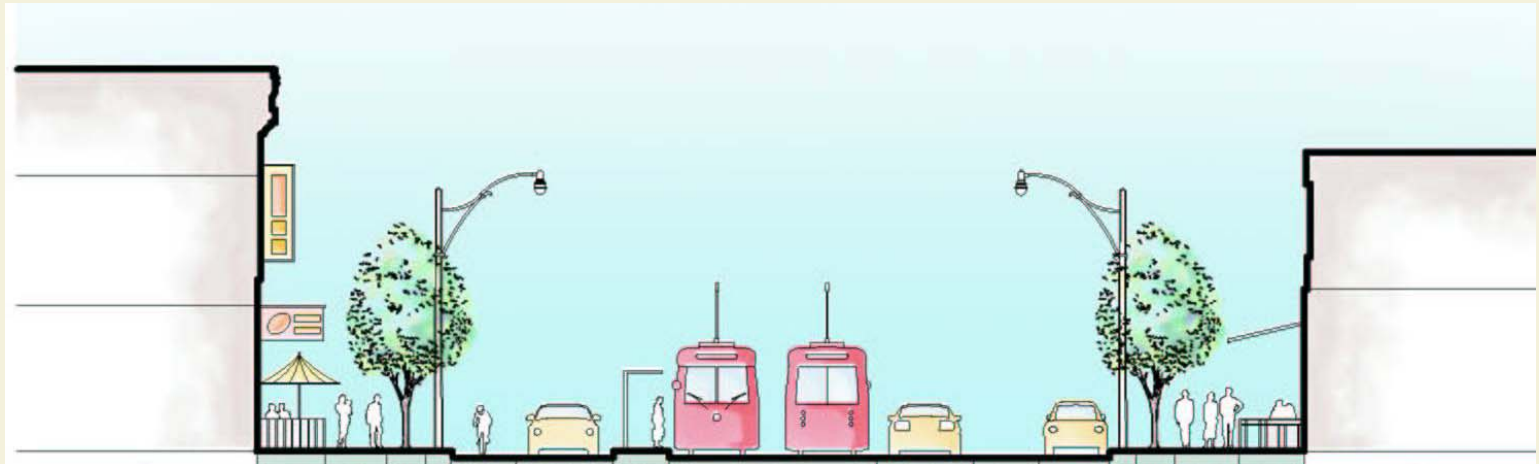


Civic Improvement Program/ Streetscape Manual

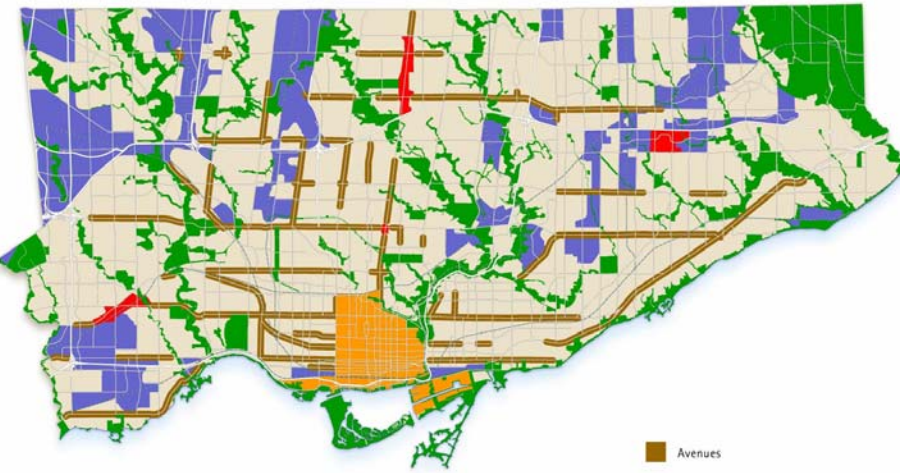


Streets as “Public Space”

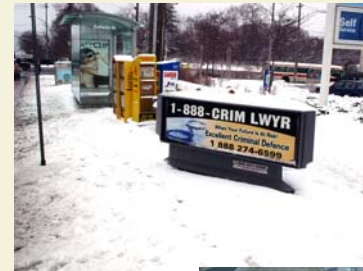
- Streets and Sidewalks are our largest, shared community public space.



The “Avenues”



Existing Conditions: Toronto's Furniture Inventory



Other Cities?

Cities in USA, Europe and Australia have carried out Coordinated Street Furniture Projects:

- ✿ Chicago
- ✿ Boston
- ✿ New York
- ✿ Vancouver
- ✿ Los Angeles
- ✿ Paris
- ✿ London
- ✿ Sydney



Chicago









Vienna



Vancouver





Los Angeles



Los Angeles



Dundee, Scotland



Challenges



Challenges

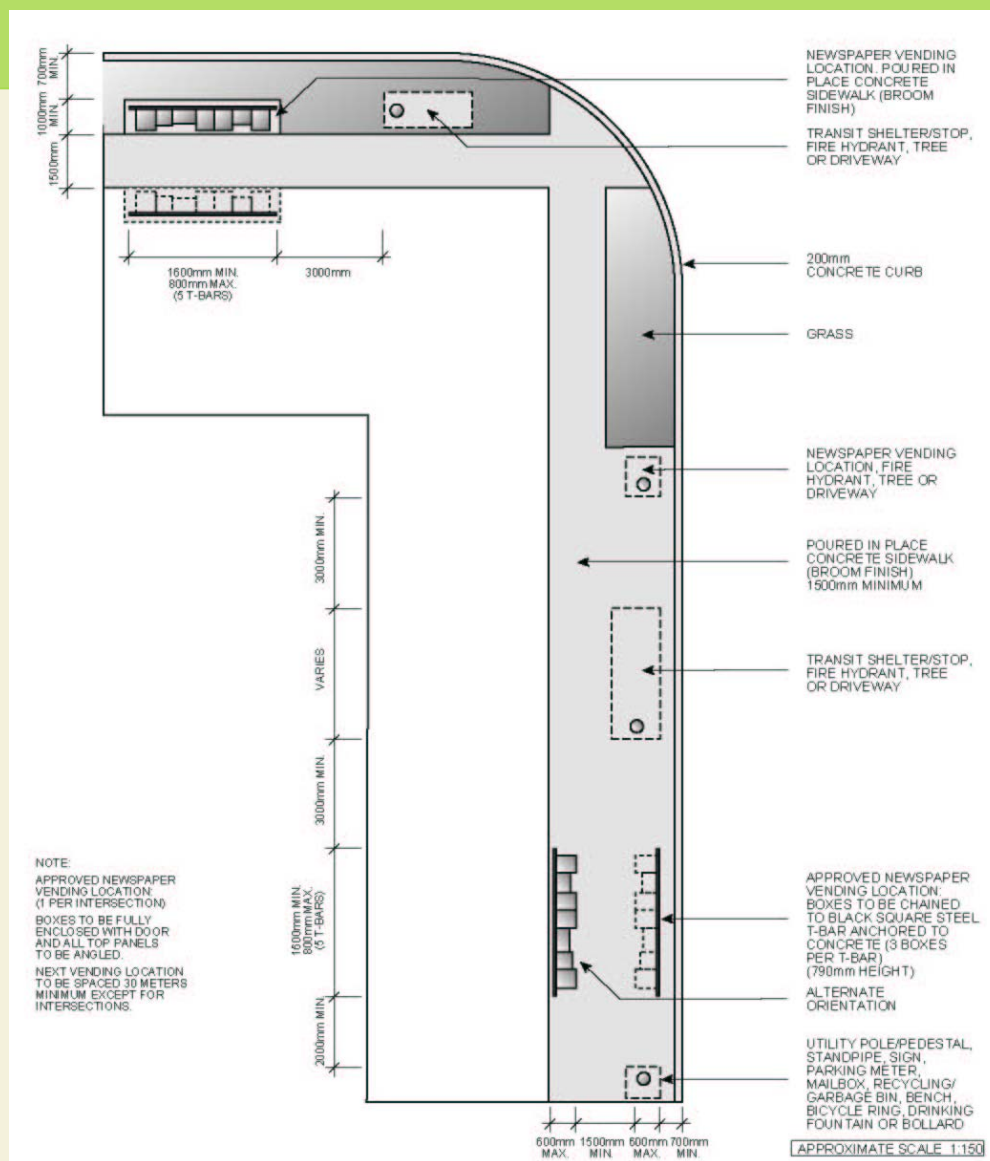


College Street



King W

Streetscape Manual



Ovations





Ovations





STREET FURNITURE PROGRAM

Presentation: Coordinated Street Furniture Program

Andy Koropeski

Director Transportation Services

City of Toronto



WHAT IS “COORDINATED STREET FURNITURE”?

Coordinated Street Furniture calls for the harmonization of design, form, scale, materials and placement of street amenities in a functional and accessible manner, in an attempt to reduce clutter, beautify city streets and to give Toronto an identifiable streetscape.

OBJECTIVES OF COORDINATED STREET FURNITURE PROGRAM

WHY IS IT IMPORTANT?

- ✿ To create an attractive streetscape through a high standard of civic design and innovation
- ✿ To enhance public use of city streets
- ✿ To accommodate requirements of all users, including the disabled
- ✿ To promote a City identity to visitors and residents of Toronto
- ✿ To provide functional, durable elements that are also economically viable



EXAMPLES OF EXISTING TORONTO STREET CONDITIONS



STREET FURNITURE ELEMENTS

**Street Furniture elements
for consideration in a
Coordinated Street
Furniture program for
Toronto**

Transit shelters	Bicycle Racks
Litter/Recycling bins	Public Toilets
Benches	Pedestrian railings
Publication boxes	Vendor Kiosks
Information Pillars	News stands
Telephone Booth	Postering Kiosks

**Other street elements that
must have design links
with Coordinated Street
Furniture in Toronto**

Billboard Advertising	Tree guards & grates
Flower baskets	Maintenance covers
Pay parking units	Clothing Drop Boxes
Mailboxes	Way finding signage
Fire hydrants	Bollards
Street signs	Traffic signals
Banners	Light standards
Markers/gateways to neighbourhoods	

LESSONS LEARNED FROM OTHER CITIES

✱ Public Consultation process

✱ Design issues

✱ Advertising





PUBLIC CONSULTATION PROCESS

PURPOSE:

- ✿ To seek feedback and advice from the public and stakeholders

KEY COMMUNICATIONS TOOLS:

- ✿ Newsletter
- ✿ Questionnaire
- ✿ Website and dedicated phone line
- ✿ Various public and stakeholder meetings

GUIDING POLICIES AND GUIDELINES

Two documents with feedback and input from public and stakeholder consultation as well as internal advisors and committees, will inform the RFP document:

1. Design and Policy Document

2. Streetscape Manual



INVENTORY AND PILOT PROJECTS RESULTS

- ✿ Contracts in place, expiry dates, renewals, etc.
- ✿ Current City By laws
- ✿ Review of Existing Inventory of street furniture
- ✿ Priorities, issues, concerns, criteria for future placement/replacement and management
- ✿ Review of Pilot Projects: litter Bins, information pillars, multi-publication boxes



REQUEST FOR PROPOSALS

City of Toronto will issue an RFP to include the following:

- ✿ Design,
- ✿ Fabrication,
- ✿ Supply,
- ✿ Installation,
- ✿ Service,
- ✿ Quantities/combinations and general/specific locations
- ✿ Maintenance, repair and cleaning
- ✿ Restoration
- ✿ Phasing of new elements/disposition of existing

for Coordinated street furniture components including:

- ✿ Financial proposal
- ✿ Advertising provisions
- ✿ Public service advertisement provisions





CONTRACT STRUCTURE

- ✱ One contract versus multiple contracts
- ✱ Term of contract

DESIGN MATTERS

- ✱ Translation of design principles to finished product
- ✱ Appropriate method of adjudication

STREET FURNITURE RFP PROCESS

Step 1: Public Consultation process	February 2006 – March 2006
Step 2: Guidelines and Policy development	February 2006 – March 2006
Step 3: Streetscape Manual informing the Design Brief for the RFP	December 2005 – March 2006
Step 4: Report to Council for direction: Endorse Design Guidelines and structure of RFP	May 2006
Step 5: Issuance of RFP for Coordinated Street Furniture program	Summer 2006





POTENTIAL EVALUATION FRAMEWORK

- ✿ Demonstrates a high and superior quality design and functionality in Street Furniture family that reflects Toronto's character
- ✿ Use of high quality and durable materials and provides a realistic operation and maintenance plan
- ✿ Embraces a wide range of diverse design, construction and maintenance firms available including Toronto and Canadian expertise
- ✿ Familiarity with the implementation and management of large scope projects
- ✿ A realistic compensation plan that stresses “guaranteed” over “projected” compensation to the city
- ✿ Importance of design solutions as well as analysis of financial proposal



The Assignment

1. Site-Specific Urban/Suburban Furniture Challenge @ 1:100
2. Street Furniture Challenge @ 1:50

*We're looking for: (a) big picture design ideas and principles
(b) ideas about dimensions and modularity*



DESIGN CHALLENGE

1. **Discuss** the issues/challenges, and assign tasks;
2. **Draw** - work through the issues in plan, section and 3-D sketches;
3. **Design** furniture suitable for multiple locations;
4. **Develop** a kit of parts with a variety of arrangements;
5. **Detail** dimensions and arrangement scenarios;
6. **Summarize:** by identifying the top five design principles based on your drawings and discussions.



Principles

1. Site Adaptability and Accessibility

- scale, size and context / modularity / terrain adaptability

2. Universal Design

- accommodation for those with disabilities / child & elderly friendly / visual literacy / legibility

3. Brand Identity & Aesthetic Quality

- projected City image / sense of place and neighbourhood identity; legibility / role of public art / relationship between street furniture and overall streetscape

4. Sustainability & Consideration for Climate Conditions

- regional materials / longevity / energy efficiency, lighting, heating provisions / protection from elements / new technologies

5. Communication

- connection with other networks and technologies (TTC, public service, tourism, community info, etc) / multi-functioning / role of advertising and public messaging / location and site info

1. Drawings/Sketches:
 - Plans, (w. dimensions)
 - Sections/Elevations (w. dimensions)
 - 3-D Perspective Sketches
2. System Analysis – describe: kit of parts, adaptability, modularity, how does it work City-wide
3. Top 5 Principles – use the flip chart



Have Fun!

