



City of Toronto Accessibility Design Guidelines 2015

Update to Disability Issues Committee

Presented By: Facilities Management Division

Presenters: Sunil Sharma, General Manager, Facilities Management
Steve Willison, Project Manager, Facilities Management
Joseph Salvagio, Project Manager, Facilities Management

June 2nd, 2015



Agenda

- Introduction
- AODA Background
- Toronto Accessibility Design Guidelines Update
- Questions & Answers

2005: Accessibility for Ontarians with Disabilities Act (AODA)

Legislation passed by the Ontario government in May 2005

- Allows the Province to develop, implement and enforce standards for accessibility
- Requires removal of barriers preventing people with disabilities from participating in normal daily activities
- Ontario is the first province in Canada to pass such legislation
- AODA applies to both **PUBLIC** and **PRIVATE** sector organizations

Goal is that Ontario becomes fully accessible by 2025



AODA Definition of Disability same as the OHRC



2009: City of Toronto Commitment to create an Accessible City
(excerpt, City of Toronto Council, August 2009)

*"The City of Toronto supports the goals of the Accessibility for Ontarians with Disabilities Act (AODA) **and will establish policies, practices and procedures which are consistent with the accessibility standards established under the AODA, including accessible customer service, information and communication, employment, the built environment and transportation.**"*

Goal is for the City to align with the Province's Goal to become fully accessible by 2025.

2014: 5 current AODA Standards

1. **Customer Service Standard – Enacted January 2008**

2. Information & Communication

3. Employment

4. Transportation



**Integrated Accessibility Standard
Enacted July 2011**

5. **Accessible Built Environment Standard (ABES)**

Comprised of 2 Parts:

5a. **Design of Public Spaces – Enacted January 1, 2013**

5b. Building Code Accessibility Requirements (BCAR) based on
Final Proposed Accessibility Built Environment Standard, 2010

Resulted in Ontario Building Code 2012

Accessibility Amendment 368/13 – Enacted January 1, 2015

5a. Design of Public Spaces – Enacted January 1, 2013

Accessibility within public areas

Requirements for all **NEW CONSTRUCTION** and **MAJOR RENOVATIONS** to public spaces

Includes:

- Recreational trails & parks
- Footbridges
- Eating areas
- Play spaces
- Public roads & sidewalks
- Public parking spaces

5b. Building Code Accessibility Requirements

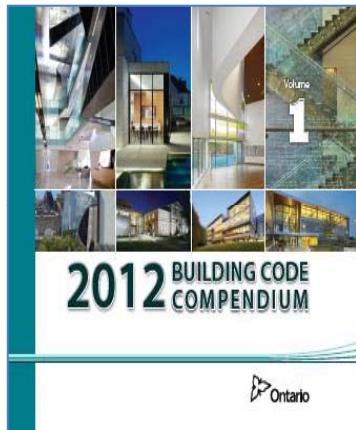
Amendment to Ontario Building Code 368/13 – Enacted January 1, 2015

Accessibility within buildings and exterior areas requirements for all **NEW CONSTRUCTION** and **MAJOR RENOVATIONS**

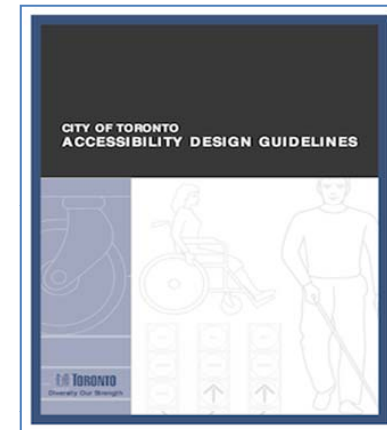
Includes:

- Exterior Spaces
- Common Access & Circulation
- Interior Accessible Routes
- Communication Elements & Facilities
- Plumbing Elements & Facilities
- Building Performance & Maintenance
- Special Rooms, Spaces and Other Elements

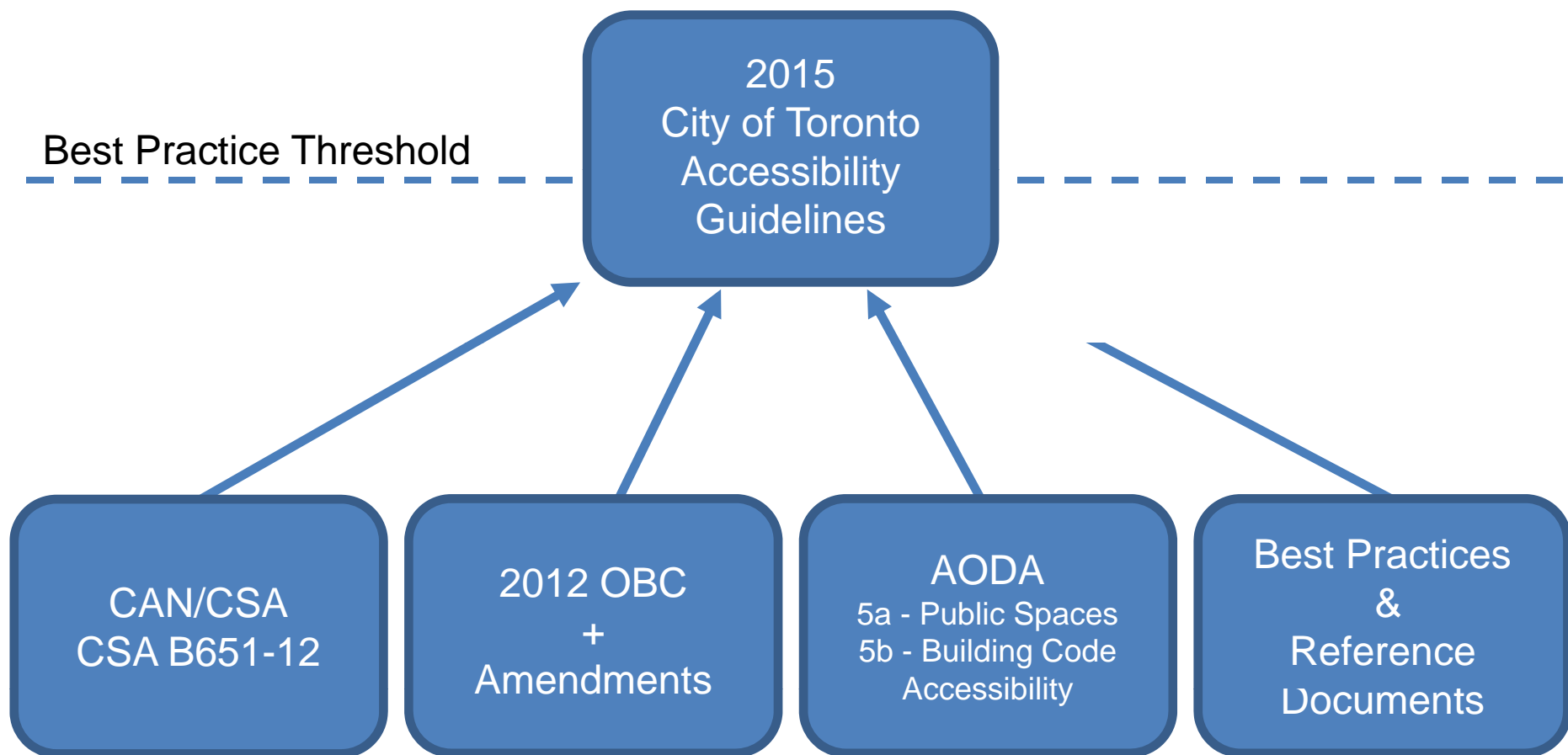
The current situation...



**Final Proposed
Accessible Built
Environment
Standard**
July, 2010



1. Ontario Building Code, 2012 - Amendments to Barrier-Free Section 3.8
2. AODA, Design of Public Spaces, 2012 (Provincial)
3. AODA, Final Proposed Built Environmental Standard, 2010 (Provincial)
4. City of Toronto Accessibility Design Guidelines, 2004



INTERIOR ACCESS AND CIRCULATION

Accessible Interior Routes							
	3.8.	3.8.	4.1	2.2.1, 2.2.2	5.1		
Turning circle	1500 mm	Varies between 1500-1800 mm	2500 mm	1600 mm	1500 mm	IDEA p.3: 2500 mm	-
Clear width	1100 mm	1100 mm	1100 mm minimum	1100 mm minimum 1675 mm minimum (High Use) (recommended)	920 mm; High traffic: 1500 mm; U-turns: <1200, 1100 mm >1200, 1100 mm U-turns where obstacle: <1200, 1100 mm >1200, 920 mm	London: Primary: 1830 mm; Secondary: 1100 mm;	-
Unobstructed Passing areas	1600 x 1600 mm, located every 30 m	1800 mm x 1800 mm, located every 30 m	Passing area 30 m apart for routes less than 1620 mm in width Clear floor space greater than 1830 x 2200 mm	Passing area 20 m apart for routes less than 1100 mm in width Clear floor space greater than 1600 x 1600 mm	1600 mm x 1600 mm, located every 30 m	-	-
Convex mirrors	-	-	-	-	-	-	-
Universal Mobility Device Size(Scooter)	-	-	-	660 mm (w) x 1345 mm (l)	750 x 1200 mm min	IDEA Research PPT: 860 x 1480 mm	-
Reach Requirements							
Side Reach	-	-	500 mm - 1000 mm deep	460-1370 mm AFF	-	London 4.1.1 255 mm max.	-
Side Reach over an Obstruction	-	-	500 mm grasp reach	510 mm grasp reach	-	610 mm max.	-
Forward Reach	-	-	635 mm max.	1370 mm AFF	-	635 mm max.	-

 = shaded areas indicate proposed guideline recommended from workgroup consultations

1. Ontario Building Code, Amendments to Barrier-Free Section 9.8, 2011
2. AODA, Design of Public Spaces 2012
3. AODA, Final Proposed Built Environmental Standard Draft 2010
4. City of Toronto Accessibility Design Guidelines, 2004

PLUS

Industry and City Best Practice and Reference Documents:

- City of Toronto Vibrant Streets
- City of Toronto Construction Drawing Standards
- City of Toronto Transportation Service Standards
- City of Toronto Playground Standards
- CSA Z614-07 Children's Play Spaces and Equipment
- London Facility Accessibility Design Standards 2007
- CSA B651-12 Bus Shelters, Self Service Interactive Devices
- IDeA: Design Resources 2011
- CNIB, Clearing our Path 2011
- ISO 23599:2012 Assistive Products for Blind and Vision Impaired Persons
- Parking By-law 569 Chapter 200 2013
- CSA B44 (Annex E of B651-12) Elevators
- Information Regarding Accessible Dog Parks

- Create **Stakeholder Committee** from other Divisions and interest groups to review technical sections **March 2014**
- **Issue RFQ** for accessibility design consultant **May 2014**
- Consultant to **Review Scope** and reference documents and prepare comparison matrices **June - October 2014**
- Stakeholder Committee **Workshop Meetings** **June - October 2014**
- **Consultant to prepare 50% draft of Guidelines document for Stakeholder review** **November 2014**
- **50 % Guidelines** review from Stakeholders **December - January 2015**
- **Develop Guidelines to 75%** based on 50% review from Stakeholders **February - April 2015**
- **75% Guidelines to be reviewed** by Stakeholders **April - May 2015**
- **Develop Guidelines to 90%** based on review from Stakeholders feedback. **June 2015**
- **90% Guidelines to be reviewed** by Stakeholders IDST, Disability Issues Comm., CCOO and FDC – SMT **July - August 2015**
- **Develop Guidelines to 100%** based Public Consultation, DIC, CCO, SMT Feedback **August - September 2015**
- **100% Guidelines to be presented to:** - CCOO | Deputy City Manager | City Manager | GMC **October-November 2015**
- **Council Endorsement of 100% 2015 Guidelines** **January 2016**
- **Implement Staff Training + Support City Staff** **December 2015 - Ongoing**

Stakeholder Committee Members

Project Sponsor: Equity Diversity + Human Rights Division , Chief Corporate Officer Office, City Managers Office
Project Lead: Facilities Management Division
Project Consultant: Accessibility Advantage

Council + Committee Stakeholders

Disability Issues Committee Inter-Divisional Staff Team Customer Service Steering Committee
on Equity and Diversity (IDST)

City Divisional Stakeholders

- Equity Diversity + Human Rights Division
- Facilities Management
- Parks Forestry and Recreation
- Transportation Services
- Engineering + Construction Services
- Toronto Building
- Planning Division
- Municipal Licensing Standards
- Social Development Finance + Administration
- Childrens Services
- Toronto Police Services
- Long-Term Care Homes & Services
- City Clerk's Office
- Toronto Water
- Public Health
- Fire Services / Emergency Medical Services EMS

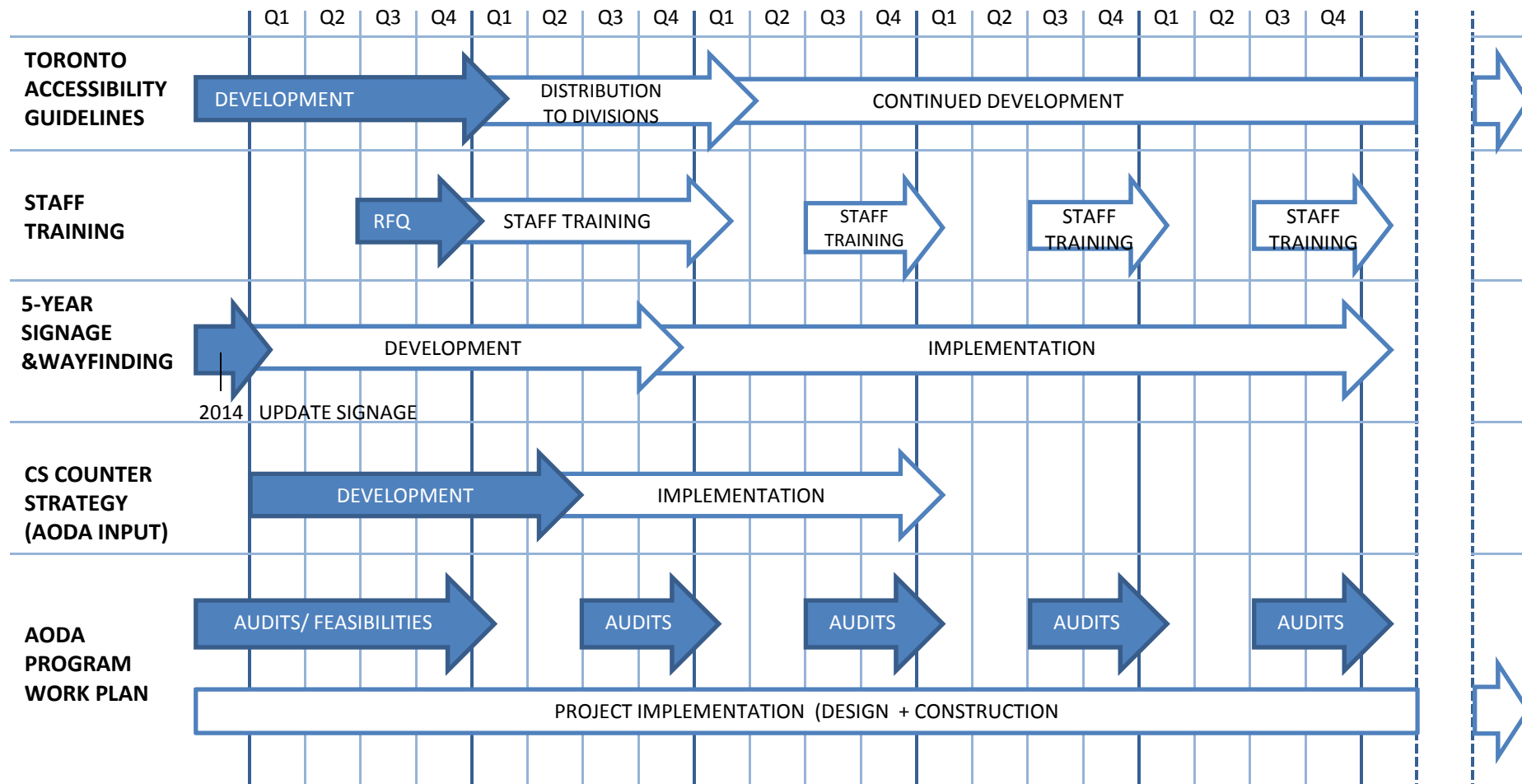
City Board + Agency Stakeholders

- TTC
- Metrolinx
- Waterfront Toronto
- Toronto Parking Authority
- Toronto Public Library

Private Citizen + Non-Profit Stakeholders

- Pegasus Toronto
- Canadian National Institute for Blind (CNIB)
- Disability Specialists
- Communication Disabilities Access Canada (CDAC)
- Other

Red = Added to 75% Draft Review



➡ = Development + Information Gathering Phases

➡ = Implementation Phases

- Expand List of Internal Divisional Stakeholder and Public Stakeholder Review
- Consolidation of Common Headings and Topics
- Update to Diagrams + Reference Tables
- Appendices and Definitions
- Identify a Prioritization and Renovation Compliance Criteria
- Institute Staff Training

Future Goals and Priorities:

- Establish a TAG Compliance + Enforcement Strategy
- Audit + Alignment of Applicable By-Laws and Policies
- Provide Ongoing Support to City Staff and Public – Living Document / Adaptable
- Evaluation/Audit of City Properties for Compliance

Challenges

Current Challenges:

- Decision Making and Consensus – Trying to Find the Right Balance
- Establishing a Best Practice Threshold
- Criteria for Renovation Compliance Alternatives

Future Challenges:

- Anticipating Funding and Budget Allocations to Implement Capital Upgrades
- Endorsement and Enforcement
- Measurement and Compliance across City
- Update and Alignment of Municipal City By-Laws and Policies

Thank you for listening ...

Questions ??