City-Wide Parking Standards Review
Outline

1. Introduction to IBI Group
2. Introduction to the project
3. Key Issues and challenges
4. Project Plan
5. Schedule and Deliverables
6. Data Request
7. Next Steps
Introduction to IBI Group

Services in Transportation, Urban Land, Facilities, Intelligent Systems

Over 2,400 professionals in more than 66 offices worldwide

IBI Vision:
"The enhancement of the human and natural environment through the synthesis of creativity, experience, and technology"

IBI Mission:
"To provide comprehensive, high quality, objective professional services to clients in the public and private sectors in the development of urban land, urban and regional systems, and facilities to fulfill the vision on a global basis."
Introduction to IBI Group

Active in transportation planning, policy and impacts of land development since 1974

Areas of transportation work
- Land development
- Transportation modelling
- Transportation policy
- Transit/mobility hub

Core group of 40 professionals in the area of:
- Transportation and parking planning
- Traffic engineering
- Transit planning
- Transportation design
Recent Parking Experience

- City of Toronto Parking and Loading Zoning Standards Review
- City of Toronto Office and Retail Parking Standards
- City of Vaughan Parking Zoning By-law Review
- City of Markham Parking Standards
- Halifax Regional Parking Strategy Functional Plan
- City of Guelph Parking Master Plan
- Cambridge Core Areas Parking Master Plan Study
- Downtown Brantford Master Plan
- Humber College Parking Operations Review
This project will develop parking standards that:

- Are clear, defendable, and based on sound technical analysis;
- Recognize differences in existing land use and support the envisioned urban structure;
- Encourage transportation alternatives to the personal automobile, where available;
- Support efficient forms of development in terms of costs and land requirements; and
- Balance the needs and concerns of a diverse set of stakeholders including City staff, developers, businesses, ratepayer groups, TDM organizations, and the general public.
Technical Advisory Committee

PROJECT DIRECTOR
Brian Hollingworth

PROJECT MANAGER
Peter Richards

TECHNICAL TEAM
Alex Mereu – Technical Lead
Amy Shepherd – Zoning By-Law/Real Estate Advisor
Attila Hertel – Technical Support
Adam Wennenman – Technical Support
Role of Technical Advisory Committee

- Confirm identification of issues
- Provide IBI Group with relevant historical data
- Confirm key focus areas
- Input at steering committee meetings
- Review of draft findings and recommendations
- Reviews upon submission of draft and final reports
Items to Discuss Today

- Key Issues
- Terms of reference
- Schedule
- Work plan and methodology
- Deliverables
Lessons Learned in Previous Studies

Key Success Factors

• Support at high level important
• Willing to accept degree of change
• Balance of technical analysis, best practices and policy guidance

Potential Challenges

• Collecting data for wide range of uses
• Obtaining data from private residential properties
• Developer input
• May be disconnect between ideal future standards and current behavior – phasing parking standards is difficult
Key Issues for Study

• Parking issues differ across user groups and land uses
• Balancing the needs and concerns of a diverse group of stakeholders
• Anticipated parking pressure from downtown redevelopment
• The unclear future of emerging trends in transportation technology and their impacts on parking requirements
# Project Timeline and Tasks

<table>
<thead>
<tr>
<th>Task</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>Aug</th>
<th>Sept</th>
<th>Oct</th>
<th>Nov</th>
</tr>
</thead>
<tbody>
<tr>
<td>Task 1: Background Research</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Task 2: Data Collection</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Task 3 - Parking Requirements</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Task 4: Design Guidelines</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Task 5: Parking Management</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Task 6: Draft Report</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Task 7: Consultation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Task 8: Final Report</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PARKING STANDARDS REVIEW

IBI GROUP

Project Start-Up Meeting
Burlington City-Wide Parking Standards Review

January 20
2016
Task 1: Background Research

- Review Background Documents
- Historical Zoning Review
- Review Existing Policy
- Review of Best Practices
- Assessment of Approaches to development standards
- Jurisdictional Review
- Innovative Approaches
- Best Practices in Parking Management
Task 2: Data Collection

- Survey Design
- Peak Period Spot Survey Approach
- **Detailed Methodology to be developed and reviewed by the Technical Advisory Committee (Deliverable)**
- Conduct Surveys
- Comparing Parking Rates
- Site Specific Review and Best Practices
- Literature Review
Task 3: Parking Requirements

- Policy Context Sensitivity
- Existing Standards
- Review of Best Practices
- Observed Parking Demand
- Real Estate Review

- Transportation Demand Management (TDM)
- Trip Generation Modeling
- Visitor Parking, Bicycle Parking, Accessible Parking, E-Vehicle Parking, Car Share, TDM
Task 4: Design Guidelines

- Scoped Parking Design Guidelines Document
- Best Practices
- Observations
- Past Experience
Task 5: Parking Management

• Best Practices
• Comparing different contexts
• Reviewing Past Experiences
• Enforcement, Management, Permitting
• On-Street permitting
• On-Street Maximum durations
• Off peak strategies
• Enforcement strategies
Task 6: Draft Report *(Deliverable)*

- Recommendation of Parking Standards for all required land uses, urban contexts, and policy areas
Task 7: Consultation

• To gain an understanding of the issues that residents, business owners, developers, etc. face in regard to parking and parking standards;

• To gain an understanding of the potential effectiveness of changes to parking standards in making more efficient use of parking, supporting transit-oriented development, and other policy objectives; and

• To gain buy-in from the business and development community, ratepayers, and other interest groups on proposed parking standards.
Task 8: Final Report *(Deliverable)*

- Integrate findings from the consultation process and comments from the Technical Advisory Committee to update the draft report.
Data Request

Policy Documents
- Existing Parking Policy/Regulations
- Past Parking Standards Reviews
- Other Related Background Reports
- Parking Surveys
- Official Plan
- TMP
- Mobility Hubs

GIS Data
- Parking related data
- Parking Policy
- Land Use Data

Other Data
- Trip Generation
- Parking Generation
Next Steps

• Compile previous reports and data
• Commence background review
• Map out and refine data collection approach
• Develop strategies for analysis