

## WHAT'S IN THE DESIGN MANUAL?

PREPARED FOR THE CITY OF LONDON  
June 2, 2017

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## OVERVIEW: TABLE OF CONTENTS

- 1 Complete Streets Vision + Core Principles
- 2 Elements Of Complete Streets
- 3 Undertaking Complete Streets Design
- 4 Street Design For Roadways
- 5 Street Design For Intersections
- 6 Moving Forward With Complete Streets For London



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## CHAPTER 1: COMPLETE STREETS VISION + PRINCIPLES

- 1.1 **What are Complete Streets?**  
Framed by the London Plan Definition
- 1.2 **The London Plan and Other Policy Support**  
London TMP, London Bikes, PPS, + others
- 1.3 **Vision for Complete Streets in London**  
Unique vision for London's context – start with London Plan street network policies
- 1.4 **Core Principles for Complete Streets**  
Streets for People  
Streets for Placemaking  
Streets for Prosperity



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## CHAPTER 2: ELEMENTS OF COMPLETE STREETS

- 2.1 **Pedestrian Realm and Placemaking**  
Intersections, on-street facilities, street furniture
- 2.2 **Cycling Facility Design**  
Facility design / selection (OTM Book 18)
- 2.3 **Transit Facility Design**  
Vehicles, lanes (NACTO Transit Guidelines)
- 2.4 **Roadway Design**  
Signals, travel lanes, freight, parking, traffic calming
- 2.5 **Green Infrastructure**  
Streetscaping, low-impact development
- 2.6 **Utility Considerations**  
Location, design, maintenance
- 2.7 **Operations and Maintenance Considerations**  
For all modes, facilities, seasons

What do you need to consider to design a complete street?

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## CHAPTER 3: UNDERTAKING COMPLETE STREETS DESIGN

- 3.1 **Planning, Designing and Implementing Complete Streets**  
• Overarching process from start to finish
- 3.2 **Making Design Decisions**  
• Focus on design stage  
• Includes tools to help with decision making
- 3.3 **Classifying New Roads**  
• Draws on criteria in London Plan
- 3.4 **Exceptions**  
• List of streets that deviate from the typology (e.g. narrower right-of-way)

What kind of process do we need, to achieve the outcomes we want?

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## CHAPTER 4: STREET DESIGN FOR ROADWAYS

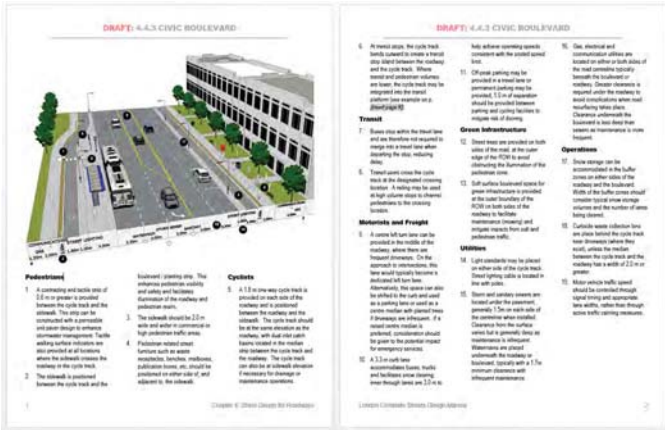
- 4.1 **New Construction**  
• Opportunities and constraints
- 4.2 **Reconstruction**  
• Opportunities and constraints
- 4.3 **Rehabilitation**  
• Opportunities and constraints
- 4.4 **Street Types**  
• Guidance for each of 9 street types  
• Full page 3D rendering of mid-block section  
• Design elements follows the structure of Chapter 2 (peds, cyclists, transit, roadways, green infrastructure, utilities, operations)

What will complete streets look like in London in various contexts?

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## CHAPTER 4: STREET DESIGN FOR ROADWAYS



## CHAPTER 5: STREET DESIGN FOR INTERSECTIONS

- 5.1 Context-Sensitive Intersection Design**
  - Principles for intersection design with supporting rationale (e.g. predictability, visibility, transit prioritization, etc.)
- 5.2 Urban Thoroughfare + Rapid Transit Boulevard**
  - 3D rendering illustrating how principles can be implemented
- 5.3 Main Street + Urban Thoroughfare**
  - 3D rendering
- 5.4 Neighbourhood Connector + Civic Boulevard**
  - 3D rendering
- 5.5 Fourth example TBD**
  - 3D rendering

**What will complete intersections look like in London?**

## CHAPTER 6: MOVING FORWARD WITH COMPLETE STREETS FOR LONDON

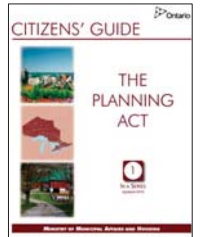
- 6.1 Performance Measurement**
  - What to measure and recommendations for using the data once you have it
- 6.2 Conclusions**
  - Connect performance measurement to vision
  - Restate the role of the manual as a tool in the process of transformation

**After implementing a complete street design, what comes next?**



## APPENDICES

- A.1 Policy Review**
  - Detailed review of important City and provincial planning documents supporting Complete Streets
- A.2 Glossary**
  - Key terms for understanding and applying the Design Manual
- A.3 List of Excepted Streets**
  - Streets excepted from the Design Manual / Complete Streets policies
- A.4 Citizens' Guide to Complete Streets**
  - Concise and accessible overview of the rationale and vision for Complete Streets in London (modelled on provincial Citizens' Guides)



## NEXT UP: ACTIVITY #4 – WHAT ARE WE MISSING?

**Consider these questions for each chapter of the Design Manual:**

- In your view, are there elements missing from the Design Manual?
- Is there anything that should be removed or moved around?
- What types of information would be useful for you as a practitioner?

Sections will be rotated after 10 minutes.



Source: The London Plan