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## Sidewalks in London

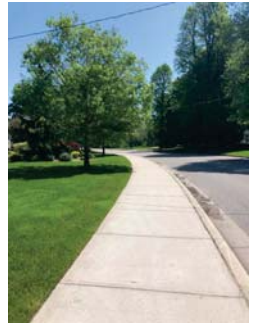
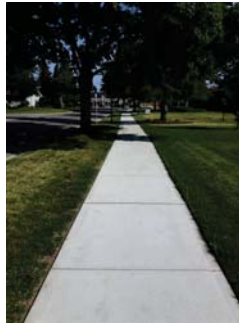
Transportation Advisory Committee  
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## Sidewalks in London



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## Sidewalks in London

- Purpose and Benefits
- Sidewalk Installation Programs
- Requests, Evaluations, and Prioritization
- Design and Installation
- Website



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## Purpose and Benefits of Sidewalks



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## Sidewalks - Purpose

- To provide a designated space for residents, especially children and individuals with mobility aids.
- To support and promote the City of London's road safety strategy '[Vision Zero](#)' by offering safe mobility options for all individuals.
  - Reduce fatalities and serious injuries on streets
- Implementing new sidewalks is part of a **Complete Streets** approach to street design.
  - Streets are designed to meet the needs of a wide range of users



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## Sidewalks - Benefits

- Make streets welcoming, equitable, safe and accessible for community members of all ages and abilities.
- Relieves congestion.
- Promotes a healthy lifestyle.



# Sidewalk Installation Programs

## Sidewalk Installation Programs



# Installation Programs

- New sidewalks are often installed as a component of the following programs:
  - Growth Management Implementation Strategy (GMIS) program
    - road widenings
  - Infrastructure Renewal Program
    - sewer and watermain replacement
  - Arterial and local road rehabilitation projects
    - shave and pave
  - New development
    - subdivisions, site plans
  - New Sidewalk Program



# Installation Programs

- Road widenings and new development
  - Install predetermined sidewalks identified through environmental assessments and development agreements
- Arterial and Local Road Rehabilitation projects and Infrastructure Renewal Projects
  - Install sidewalks in response to requests when concurrent road reconstruction is planned
- New Sidewalk Program
  - Install sidewalks in response to requests where there is no road reconstruction planned
- Sidewalks are also replaced and upgraded through several of these programs



# Requests, Evaluations, and Prioritization

## Requests, Evaluations, and Prioritization



# Requests and Evaluations

How is a potential location for a sidewalk is requested and evaluated?

- 1) Request is sent to City (councillor, email, phone call, etc.)
- 2) Request is evaluated using the Priority Rating Form.
- 3) Request is placed on the New Sidewalk List.



# Rating Form

Item	Factors	Rating System	Points	Rating Points
1	Daily Pedestrian Usage	Light (less than 100)	10	
		Heavy (more than 100)	15	
2	Walking Alternatives	Curb & Gutter, <2m SHLD	15	
		>2m SHLD	6	
		Sidewalk one side of collector/local	--	
3	Street Lighting	Yes	--	
		No	5	
4	Roadway Alignment	Horizontal Curvature	Yes	5
		No	--	
	Vertical Grade	Yes	5	
		No	--	
5	a) Daily Vehicle volume	Less than 2000	5	
		2000 to 5000	10	
		More than 5000	20	
	b) Confirmed speeding problems	Yes	5	
		No	--	
6	Connect sidewalk to existing system	Yes	15	
		No	--	
7	Sidewalk serve school or senior's facility	Yes	20	
		No	--	
8	Close proximity to public transit	Yes	10	
		No	--	
9	Sidewalk serve persons with disabilities	Yes	10	
		No	--	
Total				



# Prioritization

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## NEW SIDEWALK LIST (Sorted by Rating)

Updated August 30, 2019

PRIORITY	LOCATION	FROM	TO	SIDE	Length m	Road Class
HIGH	Florence Street	60m east of Oakland Avenue	Highbury Avenue	South	185	A
HIGH	Windsmere Road	Windsmere on the Mount	Sisters of St. Joseph	South	260	A
HIGH	Buchan Rd	Kipling Ave	Bonaventure Drive		500	L
HIGH	Downing Crescent	Norm Malbank Intersection	South Malbank Intersection	SW	705	L
HIGH	Riverside Drive	Sunninghill Avenue	Dunedin Drive	South	535	A
HIGH	Tevksbury Crescent	Sornel Road	Perth Avenue	South	500	L
HIGH	Webster Street	Jensen Road	Killary Road	West	712	C
HIGH	Norman Avenue	Soler Road	Brook Street		335	L
MEDIUM	Burnside Drive	Bow Street	Holgate Road	NEW	870	L
MEDIUM	Calm Street	Three Valleys Crescent	Burlington Crescent	West	215	L
MEDIUM	Cleveland Avenue	Burlington Street	Calm Street	South	131	L
MEDIUM	Summingsdale Road E	East of Sakung (Existing)	VillageWalk Boulevard	South	600	A
MEDIUM	Wood Maurice & Marsden	Forrest Avenue	Riverside Drive	NEW	365	L
MEDIUM	Huron Street	Clarke Road	Oakville Avenue		340	A

Road Class Legend:  
A - Arterial Road  
C - Collector Road  
L - Local Road

- This isn't the complete list
  - There are over 130 current requests
- When two streets score the same, the one that was requested earlier is placed higher on the list within that score



# Prioritization

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- Prioritization is not always followed according to the order on the list (highest scoring street isn't always constructed first)
- Factors which affect prioritization include:
  - Planned timing of other infrastructure work
  - Construction of adjacent projects
  - Complexity
  - Budget



# Prioritization

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- Recently the focus has been to construct sidewalks in school areas to promote active school travel.
- The City of London has partnered with Active & Safe Routes to School (ASRTS) to encourage children and families to choose active school travel.
- The New Sidewalk Program has been used to install sidewalks in school areas.



# Sidewalk Design and Installation



# Design and Installation

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Factors that dictate sidewalk design include

- Location of street lights
- Location of trees
- Location of utilities (Hydro poles, etc.)
- Driveway grades

Sidewalks can be installed in several different locations to work with these factors



# Sidewalk Locations

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## Standard Location

- 1.5 m wide, set back from the curb 1-3 m
- Preferred option for pedestrian comfort
- Provides a space between the road and the sidewalk
- More space for snow storage





## Sidewalk Locations

### Curb Faced

- 1.8 m wide, installed directly beside the existing curb
- Used when there are restrictions in the surrounding environment or to reduce impacts to existing conditions



## Sidewalk Locations

### Extended Curb

- Road is narrowed.
- New curb and 1.8 m wide sidewalk is in the roadway.
- Used where there are too many boulevard conflicts
- May require further parking restrictions



## Website

The City has recently updated the sidewalks section of its website.

If you are interested in more information, please visit [www.london.ca/sidewalks](http://www.london.ca/sidewalks)



## Questions?

Questions or comments?