

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON FEBRUARY 21, 2017
FROM:	KELLY SCHERR, P. ENG, MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	2017 ANNUAL WARRANTED SIDEWALK PROGRAM

RECOMMENDATION

That on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer the proposed new sidewalks identified herein **BE ENDORSED** for implementation.

2015-19 STRATEGIC PLAN

The following report supports the Strategic Plan through the strategic focus area of Building a Sustainable City by implementing and enhancing safe mobility choices for pedestrians.

BACKGROUND

Purpose

The purpose of this report is to request Municipal Council endorsement of proposed works to be undertaken in 2017 under the Annual Warranted Sidewalk Program.

The Warranted Sidewalk Program is an ongoing annual program that responds to requests for accommodation received from the public. The construction of exterior paths of travel compliant with the Accessibility for Ontarians with Disabilities Act (AODA) is undertaken annually in response to these public requests.

DISCUSSION

The Ontario Human Rights Code is a law that recognizes the dignity and worth of every person and gives equal rights and opportunity without discrimination. The AODA requires municipalities to remove barriers and provide safe routes for all. Vulnerable road users include people who walk and use mobility devices and includes particular consideration of the young and elderly. Sidewalks provide an exterior path of travel for vulnerable road users that is separated from motor vehicle traffic. The provision of sidewalks greatly reduces the risk to vulnerable road users by reducing the intermingling with motor vehicles. The Warranted Sidewalk Program is designed to respond when requests and concerns are identified by the public.

Walking is an active mode of transportation promoted by the Smart Moves 2030 Transportation Master Plan, Official Plan Policy and it is an integral part of a transit trip. Implementing new sidewalks is part of a complete streets approach aiming to reduce car-dependency and make neighbourhood streets welcoming, equitable, safe and accessible for community members of all ages, abilities and means. AODA compliance includes the provision of tactile plates on all ramps to improve visibility and provide a change in texture for the user.

The Active and Safe Routes to School program has repeatedly identified the lack of sidewalks as a reason why parents are not comfortable encouraging children to walk to school. This usually contributes to additional vehicular traffic congestion and safety concerns in school areas and traffic concerns from local property owners and school stakeholders.

A number of new sidewalk locations are constructed each year through this program. The program improves safety, promotes accessibility and supports The London Plan, Active and Safe Routes to School, London's Age Friendly Network and the London Strengthening Neighbourhoods initiatives. In the initial 2016-2019 multi-year budget submission, funding within the Roadways Capital Budget was reallocated to increase the value of the Warranted Sidewalk Program based on input from the



Transportation Advisory Committee. Council further increased the investment into this program during the following multi-year budget deliberations.

Having regard for the availability of funding, the locations recommended for construction each year are prioritized considering a number of factors such as pedestrian volumes, identified presence of vulnerable users and disabled, proximity to transit, and road and traffic conditions. Acceleration of some higher priority projects may be recommended where completing these sidewalks in coordination with other projects can reduce their cost and provide a consolidated construction project. Deferral of some high priority projects may be recommended where these projects cannot be constructed in their permanent location due to pending major projects or physical constraints.

The attached Warranted Sidewalk priority list in Appendix A has been developed using a rating system previously approved by Council. The rating system takes into consideration pedestrian demand, traffic activity and roadside conditions with special attention being paid to those requests that serve schools and seniors.

The following sidewalks are recommended for construction as part of the 2017 Warranted Sidewalk Program:

<u>Location</u>	<u>From</u>	<u>To</u>
Oak Park Drive	Riverside Drive	80m east of Valetta Street
Wayne Road	Boler Road	Jellicoe Crescent
Beachwood Avenue	Commissioners Road W	Base Line Road W
Louise Boulevard	Fanshawe Park Road W	Geraldine Avenue
Taplow Road	Louise Boulevard	Hillside Drive
Glengarry Avenue	Fanshawe Park Road E	50m south of Clermont Avenue
Wonderland Road	Bradley Avenue	Wharncliffe Road
Huron Street	Taylor Street	Barker Street
Cleveland Avenue	Cairn Street	Burlington Street
Oxford Street E	Ex. sidewalk east of Clarke Road	Veterans Memorial Parkway
Elm Street	Ex. sidewalk north of Hamilton Road	Trafalgar Street
Magnolia Crescent	Magnolia Gate	Regal Drive
Magnolia Gate	Briarhill Avenue	Magnolia Crescent
Regal Drive	Hillcrest Avenue	Fuller Street
Regal Drive	Magnolia Drive	Fuller Street
Regis Avenue	Wayne Road	Regis Place
Regis Place	Regis Avenue	West End
Scenic Drive	King Edward Avenue	Burlington Street
White Oak Road	Bradley Avenue	Exeter Road

The attached location maps in Appendix B generally illustrate the recommended new sidewalk locations for 2017. Detail plans are still being developed, so the attached plans provide limits and alignment may be subject to change. Sidewalk locations have been determined to fill present gaps in the sidewalk network, and new sidewalks will be in standard locations wherever feasible. New sidewalk designs consider the particular street environment and minimize impacts as much as possible. Individual grading, landscaping and utility issues may necessitate minor alignment adjustments when construction begins. Sidewalk maintenance and snowplowing is provided as a City service across the city.

The above list of eighteen proposed sidewalk placements may be affordable within the 2017 Budget supplemented by potential funding by other levels of government. Other locations on the list that are rated higher will be considered in the future as constraints are resolved or in conjunction with major road works.

In order to provide communication with the affected property owners, staff will follow current policy and circulate a letter to the property owners on the streets defining some details of the proposed sidewalk (i.e. location and limits of the sidewalk) along with more information on the Warranted Sidewalk Program and the safety needs it addresses.

As more details are defined through the detailed design process, a meeting could be offered to provide particular information related to each street. This meeting may not be needed in all cases.

Initial correspondence was previously distributed to local homeowners where engineering survey crews would be working. This prompted some residents on a few of the above locations to express disappointment to staff for the possibility of a sidewalk on their street. Specifically, residents on Oak Park Drive, Wayne Road and Regis Avenue / Place have suggested new sidewalks won't be used by the community. These particular locations will provide direct connections to a nearby elementary schools improving safety for students and other pedestrians.

When possible, the coordination of infrastructure improvements are coordinated. This saves design and construction costs. It also facilitates better engagement with the neighbourhood with combined discussions and minimizes the construction disruption to the community. The sidewalk on Beachwood Avenue & Cleveland Avenue will be included with road reconstruction on the same street in 2017.

CONCLUSION

The Warranted Sidewalk Program is part of a complete streets approach that aims to make London's streets more welcoming to all users of all ages and abilities. The Ontario Human Rights Code and AODA requires municipalities to remove barriers and design inclusively.

Sidewalks promote healthy lifestyles, facilitate active transportation choices including transit and improve pedestrian safety. Council has recently increased the funding for new sidewalks. Potential external funding will leverage the available funding to enable an even larger program in 2017. Upon Council endorsement, staff will progress with detailed design of these sidewalk locations for distribution to the community and contract preparation.

Acknowledgements

This report was prepared by a team within the Transportation Planning & Design Division including Karl Grabowski, P.Eng. Transportation Design Engineer.

PREPARED BY:	REVIEWED & CONCURRED BY:
DOUG MACRAE, P. ENG. DIVISION MANAGER TRANSPORTATION PLANNING & DESIGN	EDWARD SOLDI, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION
RECOMMENDED BY:	
KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER	

Attach: Appendix A - 2017 Warranted Sidewalk List
Appendix B - Location Maps for New Sidewalks

c: MTE Consultants – Bill Veitch

APPENDIX A
2017 Warranted Sidewalk List

(Sections proposed for construction in 2017 are highlighted in bold)

EST. COST	Rating 120 Max.	LOCATION	FROM	TO	Length m.	Road Class
\$45,375	90	Florence St	60m east of Oakland Ave	Highbury Ave	165	A
\$130,375	80	Oak Park Drive	Riverside Drive	80m east of Valetta Street	745	C/L
\$44,275	75	Wayne Road	Boler Road	Jellicoe Cres	253	L
\$25,375	70	Beachwood Ave	Commissioners Rd W	Base Line Road W	145	C
\$113,625	70	Louise Boulevard	Fanshawe Park Road W	Geraldine Ave	505	L
\$67,500	70	Taplow Road	Louise Boulevard	Hillside Drive	300	L
\$56,875	70	Glengarry Avenue	Fanshawe Park Road E	50 m south of Clermont Avenue	325	C
\$82,250	70	Braesyde Avenue	Hamilton Road	Gore Road	470	L
\$179,375	70	Wonderland Road	Bradley Avenue	Wharncliffe Road	1025	A
\$107,625	70	Huron Street	Taylor St	Barker St	615	A
\$22,750	70	Cleveland Avenue	Cairn St	Burlington Street	130	L
\$273,000	65	Oxford St E	Ex s/w east of Clarke Rd	VMP	1560	A
\$13,475	65	Chippendale Cres South leg	King Edward Avenue	Existing S/W at School	77	L
\$63,000	65	Sunningdale Road E	Bluebell Road	360m east of Bluebell Road	360	A
\$21,000	65	Elm Street	Ex Walk N of Hamilton Rd	Trafalgar Street	120	L
\$61,250	65	Magnolia Crescent	Magnolia Gate	Regal Drive	350	L
\$17,500	65	Magnolia Gate	Briarhill Avenue	Magnolia Crescent	100	L
\$21,000	65	Marianna Drive	West End	Howard Avenue	120	L
\$52,500	65	Oban Crescent	Pinetree Street	East Mile Road	300	L
\$52,500	65	Regal Drive	Hillcrest Avenue	Fuller Street	300	L
\$78,750	65	Regal Drive	Magnolia Drive	Fuller Drive	450	L
\$14,000	65	Regis Avenue	Wayne Road	Regis Place	80	L
\$17,500	65	Regis Place	Regis Avenue	West End	100	L
\$13,300	65	Scenic Drive	King Edward Avenue	Burlington Street	205	C
\$87,500	65	Webster Street	Ex Walk North of Huron St	Jensen Road	500	C
\$63,000	65	Nottingham Road	Commissioners Rd. West	Village Green Rd.	360	C
\$117,250	60	Commissioners Rd West	Cranbrook Road	Crestwood Dr	670	A
\$43,750	60	Royal Crescent	Mun. No. 1925	Garland Crescent	250	L
\$11,375	60	Colonel Talbot Road	Outer Drive	4690 Col.Talbot Rd	65	A
\$59,500	60	Huron Street	Clarke Road	Oakville Crescent	340	A
\$52,500	60	Mark Street	Susan Avenue	West End of Street	300	L
\$85,750	60	Micheal Street	Irving Place	East End of Street	490	L
\$78,750	60	Patann Drive	Godfrey Drive	Irving Place	450	L
\$26,250	60	Wortley Road	Mountsfield Crescent	Commissioners Road	150	C
\$206,500	60	Griffith Street	Byron Base Line Road	Commissioners Rd W.	1180	C
\$15,750	55	Col. Talbot Road	Lambeth Walk	James Street	90	A
\$14,875	55	Cornish Street	Brydges Street	Cronyn Crescent	85	L
\$17,150	55	Danielle Lane	River Run Terrace	Pochard lane	98	L
\$13,125	55	Elworthy Avenue	Baseline Rd	75m North of Baseline Road	75	L
\$45,500	55	Everglade Crescent	Mahogany Road	Cypress Crescent	260	L
\$75,250	55	Fanshawe Park Rd	McLean Drive	Highbury Avenue	430	A
\$99,750	55	Hillcrest Avenue	Regal Drive	Highbury Ave	570	L
\$28,000	55	Horace Street	St. Julien Street	Madison Avenue	160	L
\$84,000	55	Inverness Avenue	Laurel Street	Deer Park Circle	480	L
\$99,750	55	Kiwanis Park Drive	Wavell St	Spruce Ave	570	L
\$38,500	55	Scotchpine Cres	Limberlost Road	Homestead Crescent	220	C

2017 Warranted Sidewalk List (Cont'd)

EST. COST	Rating 120 Max	LOCATION	From	To	Length m	Road Class
\$80,500	55	Hyde Park Road	Prince Phillip Drive	Royal York Road	460	A
\$84,000	55	Inverness Avenue	Laurel Street	Deer Park Circle	480	L
\$99,750	55	Kiwanis Park Drive	Wavell St	Spruce Ave	570	L
\$38,500	55	Limberlost Cres	Limberlost Road	Homestead Crescent	220	C
\$70,000	55	Magee Street	Highbury Avenue	Hale Street	400	C
\$105,000	55	Neville Drive	Dead End of Neville Drive	Edgar Drive	600	L
\$14,000	55	Oliver Street	Vauxhall Street	Terrence Street	80	L
\$43,750	55	Penrith Crescent	Grasmere Cres.	Ambleside Drive	250	L
\$40,250	55	Regent Street	William Street	Adelaide Street	230	L
\$35,000	55	Salway Street	Quinton Road	Valetta Street	200	L
\$26,250	55	Selkirk Drive	Braesyde Avenue	East End of Selkirk	150	L
\$43,750	55	Southdale Road	Wharncliffe Road	White Oak Road	250	A
\$52,500	55	Sunnyside Drive	Richmond Street	Masonville Crescent	300	L
\$64,750	55	Wellingsboro Road	Southdale Road	Dearness Drive	370	L
\$48,125	55	Wellington Road	Bradley Avenue	White Oaks Mall	275	A
\$101,500	50	Hyde Park Road	S. Carriage Rd	1742 Hyde Park Rd	580	A
\$78,750	50	Wonderland Road	Fanshawe Park Rd East	Franklin Way Crescent	450	A
\$84,875	45	Kathryn Drive	Brian Ave	McClure Drive	485	L
\$39,375	45	Geraldine Ave	Kathryn Drive	Louise Boulevard	225	L
\$87,500	45	Edgar Drive	Coombs Avenue	Coombs Avenue	500	L
\$210,000	45	Hyde Park Road	Sarnia Road	Gainsborough Road	1200	A
\$8,750	45	Mahogany Road	Everglade Street	Woodborough Crescent	50	L
\$26,250	45	McClure Drive	Smallman Drive	Louise Boulevard	150	L
\$61,250	45	Pond View Road	Glenroy Rd	Milan Pl	350	L
\$70,000	45	Ridout Street	Dufferin Avenue	Albert Street	400	C
\$17,500	45	Sunninghill Avenue	Riverside Drive	Embassy Road	100	L
\$26,250	40	Ann Street	St. George Street	East End	150	L
\$36,750	40	Barker Street	Victoria Street	Cheapside Street	210	C
\$70,000	40	Briarhill Avenue	Briarhill Court	Kipps Lane	400	L
\$10,500	40	Ealing Street	South End	Ex Walk west of Oliver	60	L
\$15,750	40	Edinburgh Street	Brittania Avenue	Woodward Drive	90	L
\$17,500	40	Ellsworthy Avenue	Base Line Road	E/W Portion of Ellsworthy	100	L
\$26,250	40	Midale Road	Grenfell Drive	Midale Crescent East	150	L
\$113,750	40	Newbold Street	Hargrieve Street	Adelaide Street	650	C
\$70,000	40	Northbrae Avenue	Monsarrat Avenue	Kipps Lane	400	L
\$175,000	40	Palmtree Avenue	Riverside Drive	Plantation Road	1000	L
\$70,000	40	Regent Street	Christie Street	Wellington Street	400	C
\$78,750	30	First Street	Oxford Street East	Commercial Crescent	450	C
\$42,000	25	Appel Street	Rabb Street	Cheapside Street	240	L
\$17,500	25	Oakridge Drive	Valetta Street	Kingsway Avenue	100	C

Road Classification: A - Arterial, C - Collector, L - Local

Appendix "B"

Location Maps for New Sidewalks

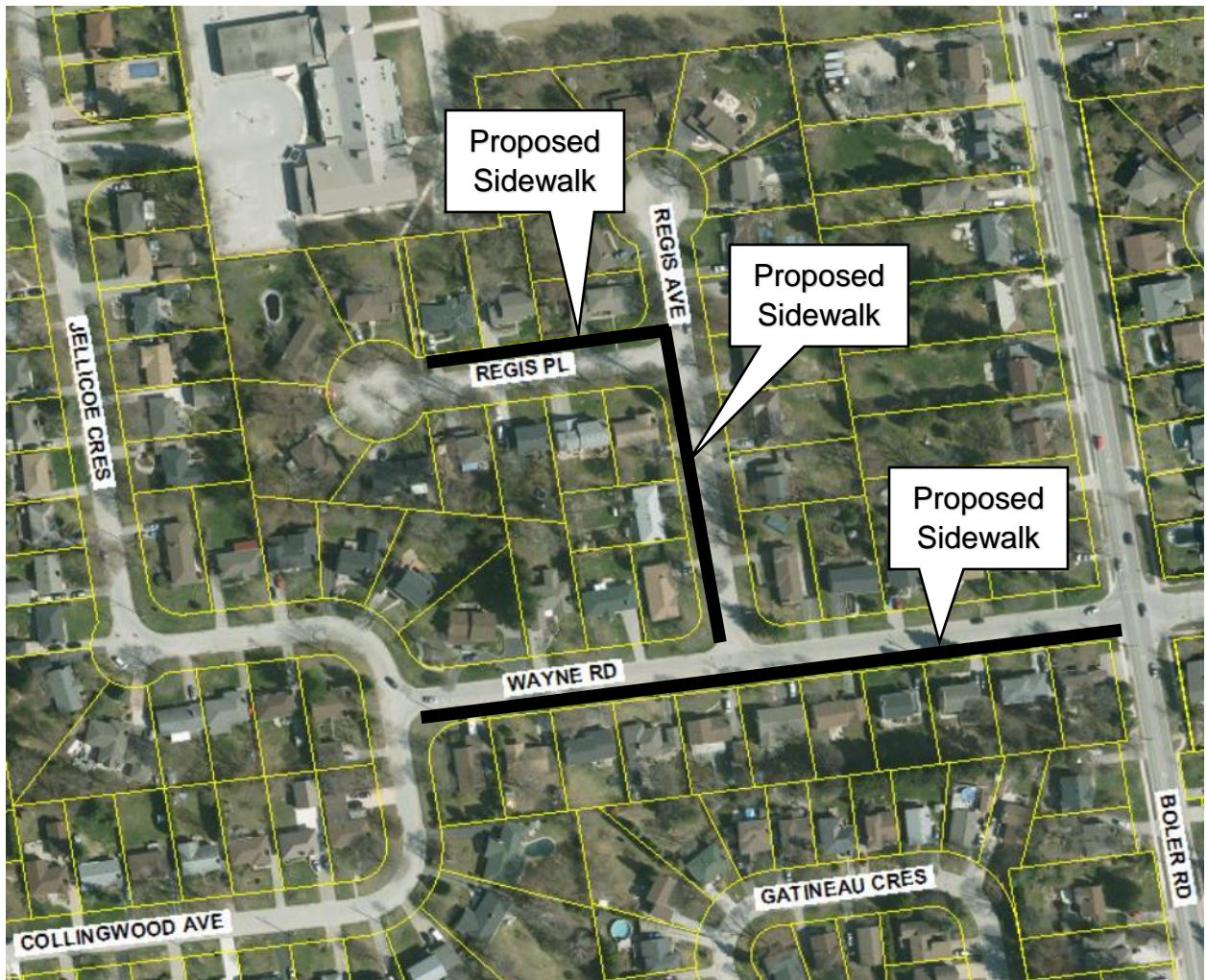
Oak Park Drive (East Side)
from Riverside Drive to 80m east of Valetta Street



**Wayne Road (South Side)
from Boler Road to Jellicoe Crescent**

**Regis Avenue (West Side)
from Wayne Road to Regis Place**

**Regis Place (North Side)
from Regis Avenue to West End**



**Beachwood Ave (East Side)
from Baseline Road to Commissioners Road**



Louise Boulevard (East Side)
From Fanshawe Park Road West to Geraldine Ave

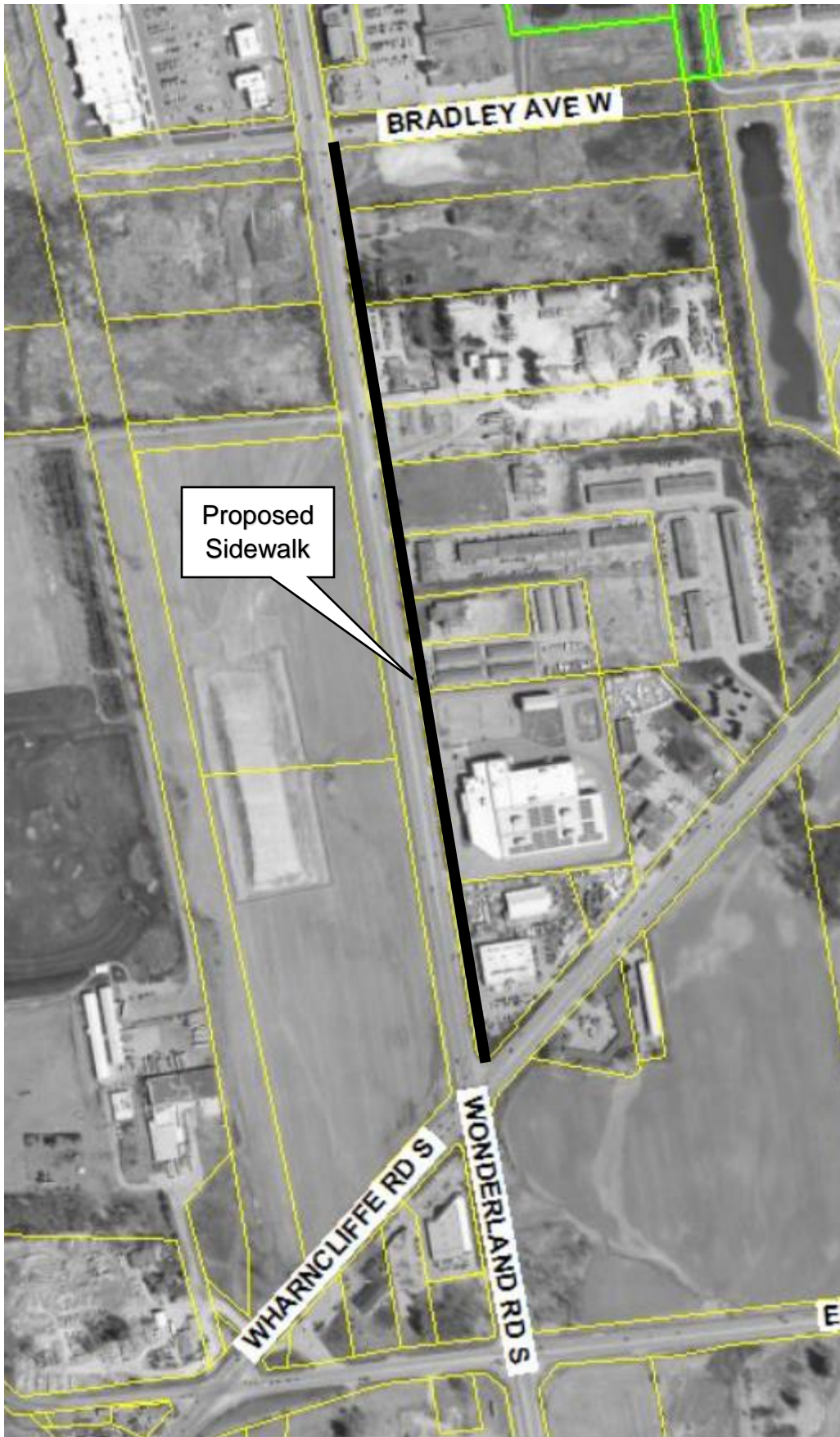
Taplow Road (South Side)
From Louise Boulevard to Hillside Drive



Glengarry Avenue (East Side)
From Fanshawe Park Road East to 50m south of Clermont Avenue



**Wonderland Road South (East Side)
From Bradley Avenue to Wharncliffe Road**



**Huron Street (South Side)
From Taylor Street to Barker Street**

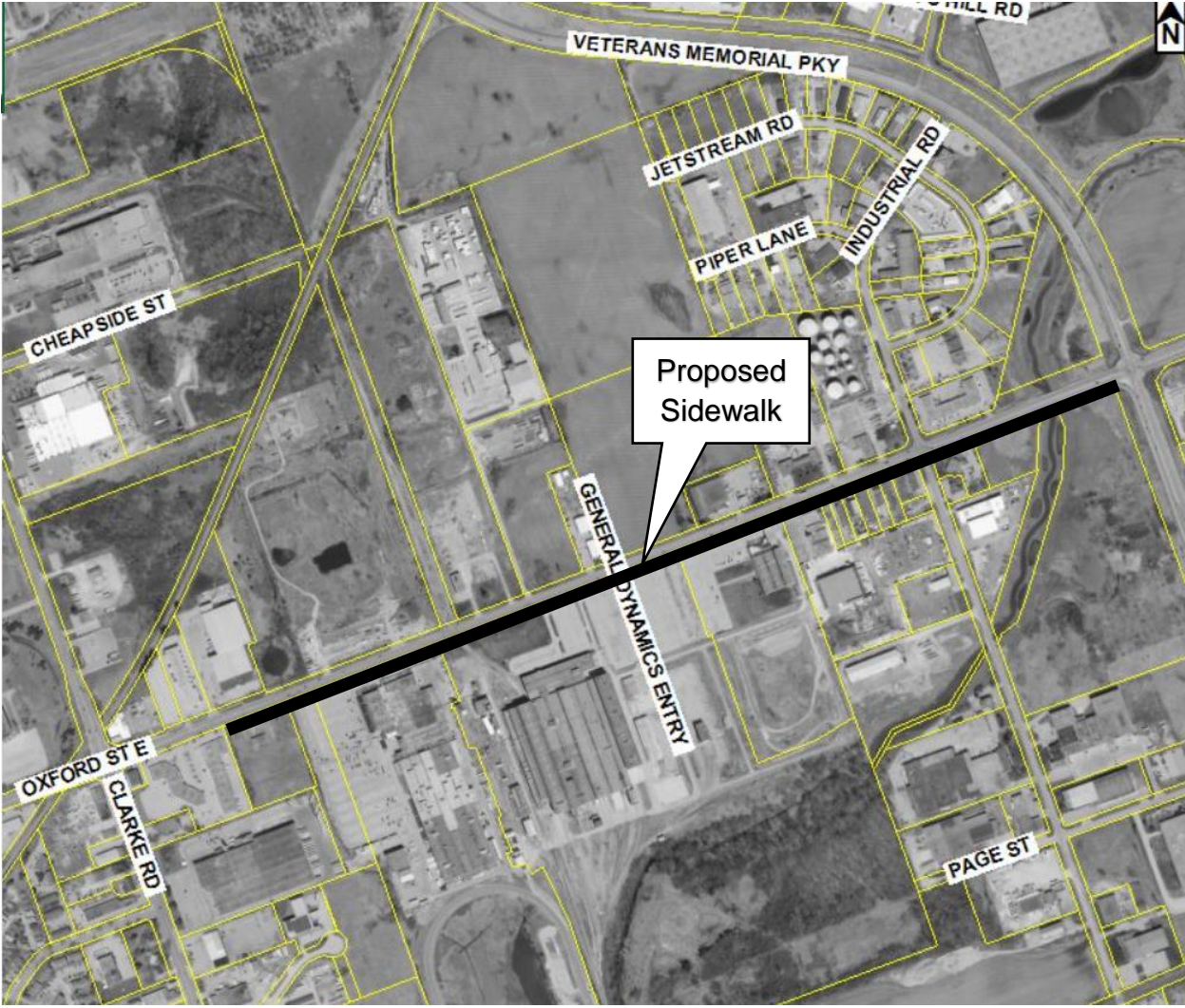


**Cleveland Avenue (South Side)
From Cairn Street to Burlington Street**

**Scenic Drive (North Side)
From King Edward Avenue to Burlington Street**



**Oxford Street East (South Side)
From existing S/W east of Clarke Road to Veterans Memorial Parkway**



Elm Street (East Side)

From existing S/W north of Hamilton Road to Trafalgar Street

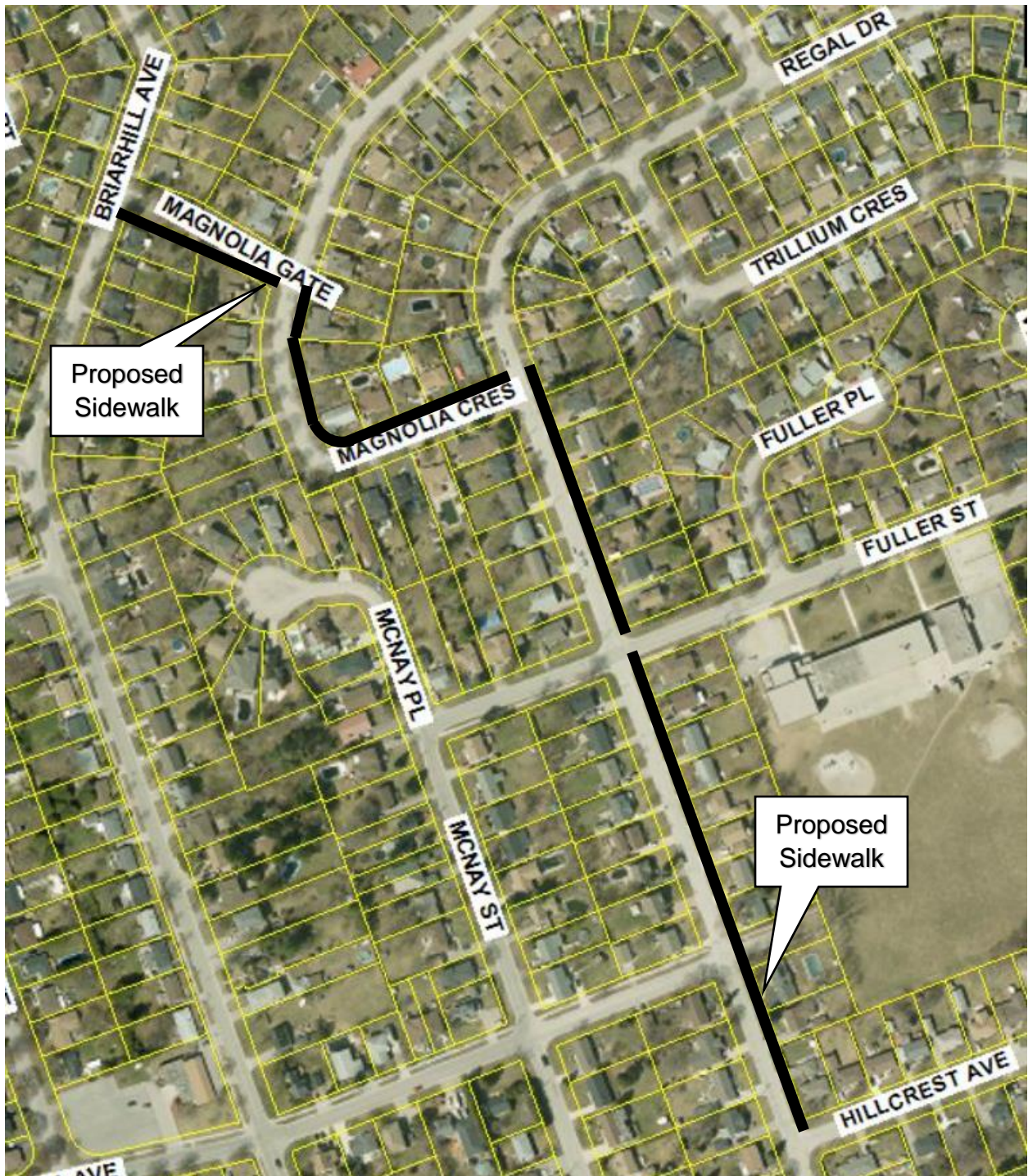


**Magnolia Crescent (North & East Side)
From Magnolia Gate to Regal Drive**

**Magnolia Gate (South Side)
From Briarhill Avenue to Magnolia Crescent**

**Regal Drive (East Side)
From Hillcrest Avenue to Fuller Street**

**Regal Drive (East Side)
From Magnolia Drive to Fuller Street**



White Oaks Road (East Side)
From Bradley Avenue to Exeter Road

