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| 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.

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| 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

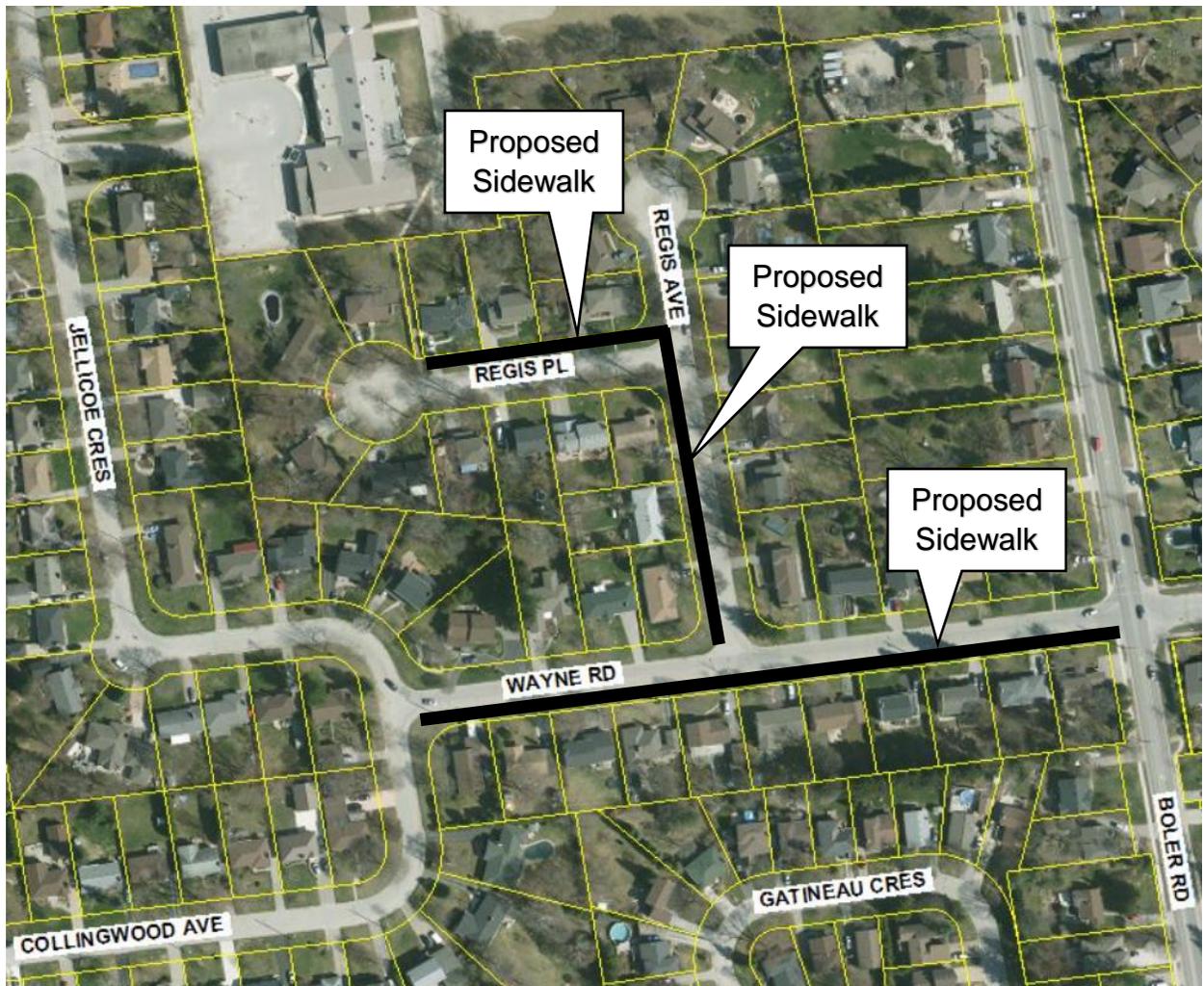
Oak Park Drive (East Side)
from Riverside Drive to 80m east of Valetta Street



**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

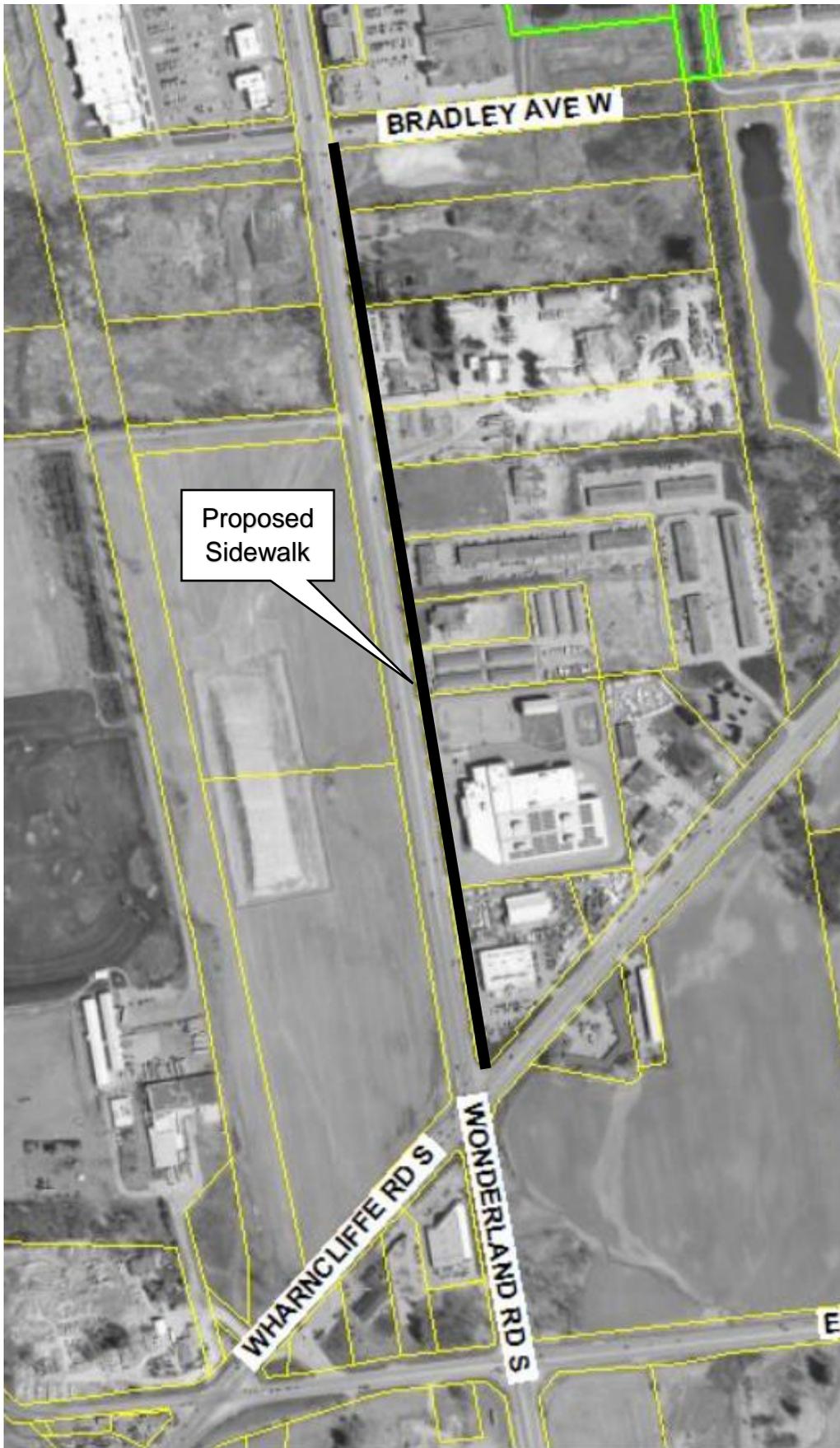
Taplow Road (South Side)
From Louise Boulevard to Hillside Drive



**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**

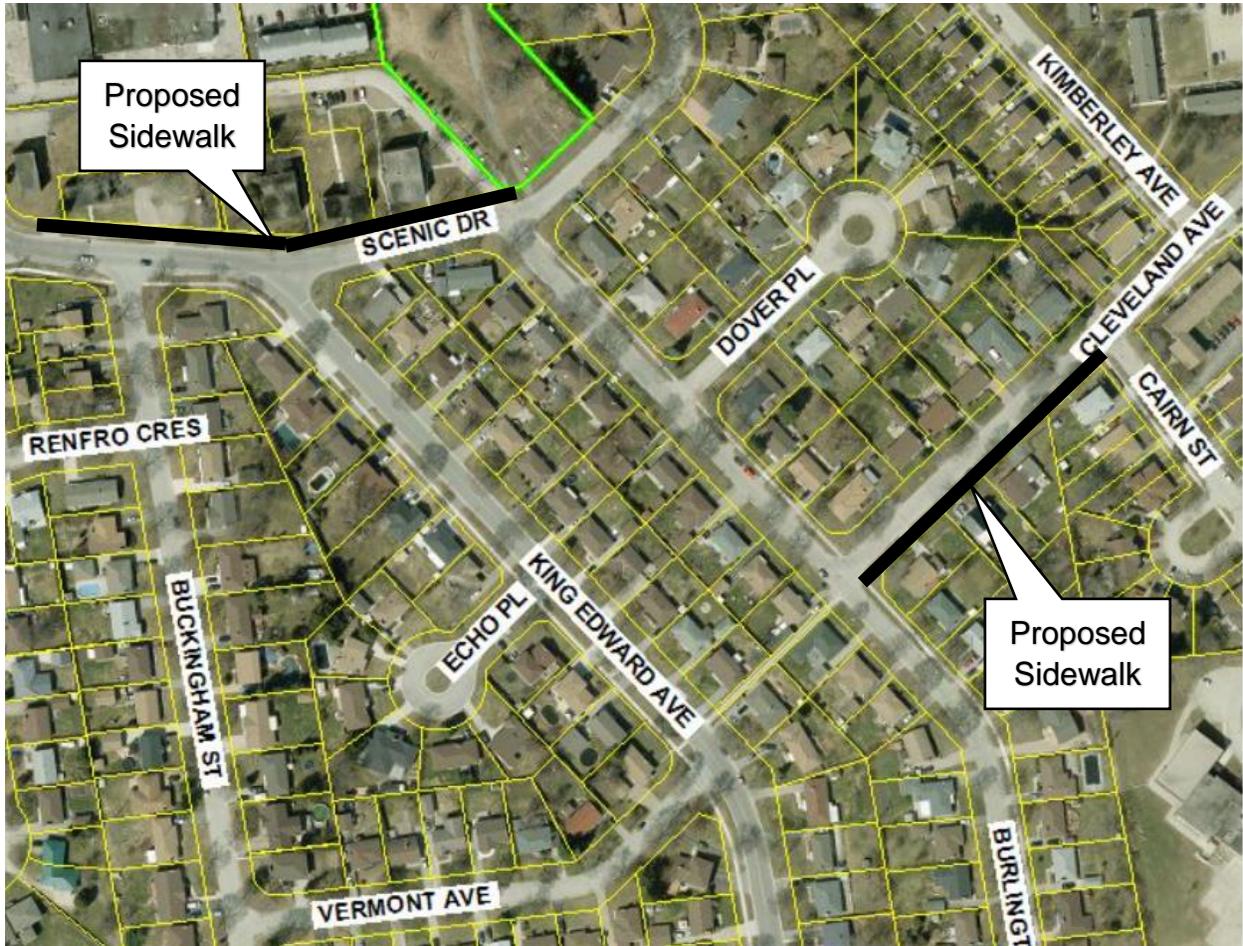


**Huron Street (South Side)
From Taylor Street to Barker Street**

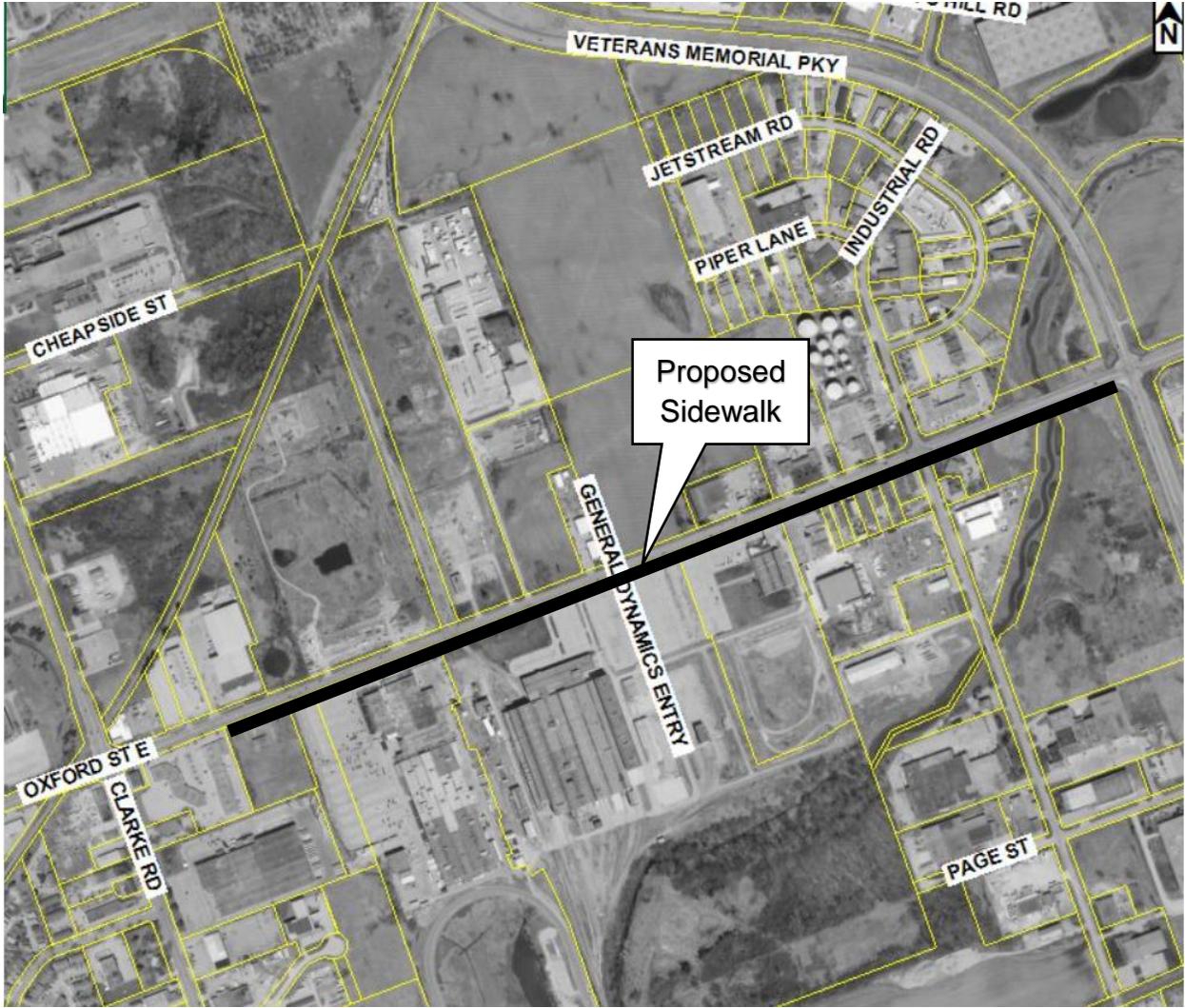


**Cleveland Avenue (South Side)
From Cairn Street to Burlington Street**

**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

