



### Sidewalks for Promoting Active School Travel

Active & Safe Routes to School (ASRTS) is a community partnership working together to promote and sustain programs that encourage children and families to choose active school travel (AST). ASRTS's primary program, School Travel Planning (STP), encourages AST by developing action plans that build upon strengths and work to remove concerns around schools. Since 2013, the STP process in our region has gained valuable insight into the concerns surrounding AST through parent and youth surveys. Sidewalks are a feature often identified indirectly through safety concerns and more directly through discussions. Parents identify "It feels unsafe due to traffic on the route" as a leading barrier to encouraging AST (n=2363); and this concern is echoed by youth (n=1057). "There are not enough sidewalks" is among the top 5 barriers to walking identified by students who live within walking distance (1.6km) of their school. Similarly, 31% of parents identified a lack of sidewalks on streets as a concern for encouraging AST.

A recent analysis of motor vehicle collisions involving pedestrians less than 18 years of age in Toronto, Ontario found the greatest density of collisions was highest in school zones, with more than 1/3 taking place within 300m of a school.<sup>1</sup> Sidewalks offer refuge for pedestrians by separating them from motorized vehicles and decreasing the risk of vehicle-pedestrian collisions. The U.S. Department of *Transportation's Toolbox of Countermeasures and Their Potential Effectiveness for Pedestrian Crashes* identified a potential 88% crash reduction through the installation of sidewalks.<sup>2</sup> Increasing the coverage and connectivity of sidewalks not only improves safety for those already using AST, but also increases the likelihood of more children using AST as it makes it easier for children to get between destinations.<sup>3, 4, 5</sup>

The benefits of children using AST include improved physical and mental health, improved traffic and safety around schools, improved air quality and environment, students arrive at school alert and ready to learn, and students feel more connected to their community. Removing barriers that prevent students from using AST will allow them to experience these benefits more fully and allow parents to feel more comfortable letting their children walk or cycle within their neighbourhoods.

Sidewalks are a critical component for use of AST and municipalities can increase safety and its use through the provision of sidewalks in and around school communities. It is for the aforementioned reasons that ASRTS supports all schools being well-connected to their surrounding neighbourhoods by sidewalks, and, for the health and safety of our children, no roads directly adjacent to elementary schools should be without a sidewalk. ASRTS strongly supports the development of sidewalks within school communities to address both perceived and objective barriers to AST associated with the interaction of pedestrians and motor vehicles. This is one element of the comprehensive approach undertaken by ASRTS and the STP program: the 5 E's: Engineering, Education, Encouragement, Enforcement, and Evaluation & Planning. By working together to achieve our goals, ASRTS believes that they can be achieved more efficiently and have a greater impact on the health and well-being of our children and society.

For additional information on ASRTS and STP visit <http://activesaferoutes.ca/>

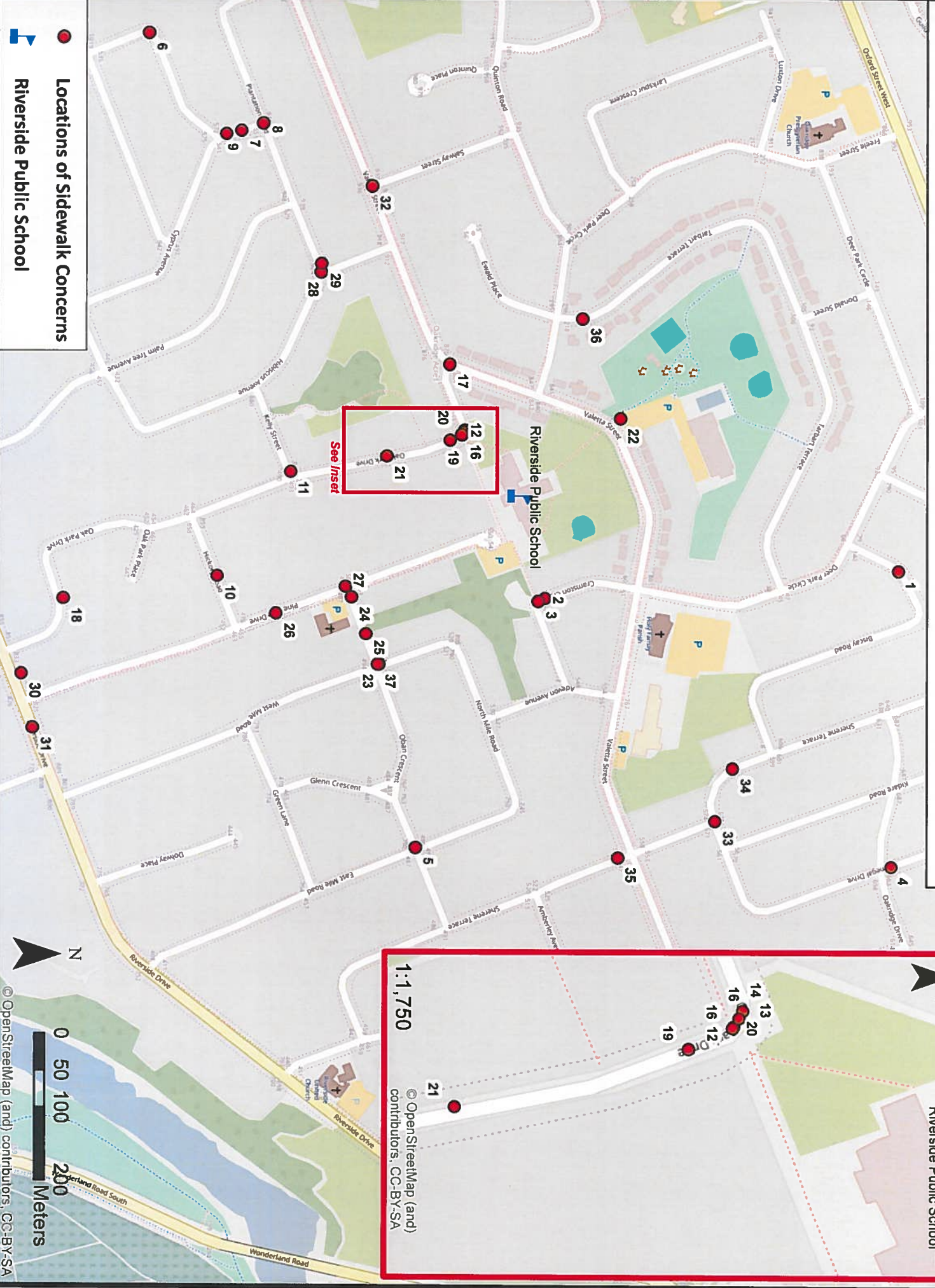
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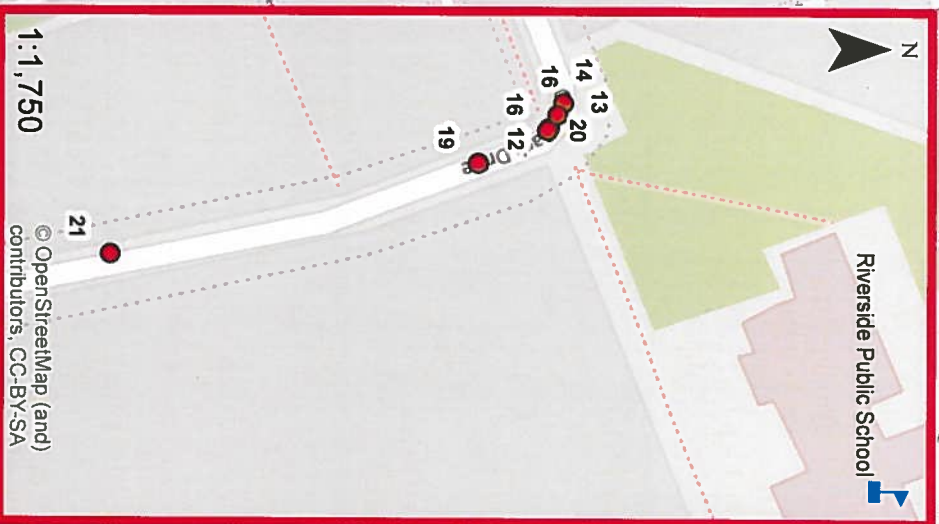
**References:**

1. Warsh, J., Rothman, L., Slater, M., Steverango, C., Howard, A., 2009. Are school zones effective? An examination of motor vehicle versus child pedestrian crashes near schools. *Inj. Prev.* 15 (4), 226-229.
2. U.S. Department of Transportation Federal Highway Administration. 2008. Toolbox of countermeasures and their potential effectiveness for pedestrian crashes, FHWA-SA-014.
3. Panter, J., Heinen, E., Mackett, R., Ogilvie, D. (2016). Impact of New Transport Infrastructure on Walking, Cycling, and Physical Activity. *American Journal of Preventative Medicine.* 50(2), e45-e53.
4. Clark, AF, Bent, EA, Gilliland, J. (2016). 2016. Shortening the trip to school: Examining how children's active school travel is influenced by shortcuts. *Environment and Planning B: Planning and Design*, 43(3), 499-514.
5. Rivet, D., Clark A., Gilliland J. (2016). Measuring built environment determinants of active transportation with GPS: The STEAM Project. Human Environments Analysis Laboratory, Western University.

# Locations of Concern - "No Sidewalk" - Riverside Public School



- Locations of Concern
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Number	Intersection	Description	Latitude	Longitude
1	Biscay Rd	No sidewalk	42.978513	-81.303518
2	Cramston Cr	Cars parked on both sides of the road, no sidewalks & children forced to walk down the middle of the road - skidding cars in the winter/snowbanks	42.974227	-81.303023
3	Cramston Cr	High traffic volume at 9 AM and 3:30 PM. No sidewalks. Cars often parked on either side of the road, so there is no safe place for the students to walk	42.974148	-81.302979
4	Donegal Dr	Road is long and straight so speed can be a problem. lots of backing out and driving up without looking in the arm - need sidewalks	42.978442	-81.298605
5	E Mile Rd at Oban Crescent	No sidewalk	42.972669	-81.298874
6	Everglade Cr	Sharp corner with no sidewalks. Cars go too fast	42.969392	-81.31238
7	Everglade Cr - Platoon Rd- Valetta	No sidewalks along this route	42.970519	-81.310774
8	Everglade Cr at Plantation Rd	No sidewalks	42.970784	-81.310895
9	Everglade, Cypress and Plantation	No side walks	42.970336	-81.310716
10	Hickory St	No sidewalks	42.970246	-81.30337
11	Kelly St at Oak Park Drive	No sidewalks & lots of traffic during school hours. Cars are parked on either side. Request for sidewalks on Oak Park	42.971131	-81.305116
12	Oak Park Dr and Valetta St	Cars parked along this entrance all the time. very busy corner. should have a crossing guard and oak park drive should have a sidewalk for the safety of the walkers and people parking and walking their children up to the kindergarten entrance	42.973212	-81.305748
13	Oak Park Dr	[Major drop off and pick up zone despite no parking rules; Parent proposes sidewalk on west side of Oak Park drive between park entrance/exist and existing sidewalk on southside of Oak Park drive]	42.973241	-81.305819
14	Oak Park Dr	No sidewalk!	42.973241	-81.305819
16	Oak Park Dr	So unsafe. 90 degree turn/curve. Cars often speed here. Motorist ignore crossing children/ parents.	42.973241	-81.305819
16	Oak Park Dr	[No sidewalks and cars park on both sides]	42.973209	-81.305742
17	Oak Park Dr & Valetta	No sidewalk! Cars park on either side of the street	42.973053	-81.306908
18	Oak Park Dr	Needs sidewalks	42.968382	-81.30298
19	Oak Park Dr at FDK entrance	Corner on Oak Park. No sidewalks on Oak Park Dr.	42.973065	-81.305647
20	Oak Park Dr from Riverside to Valetta	Cars parked in no parking zones on both sides of the street. No safe walk or bike areas for kids going to school. Request for sidewalks or Kiss & Ride for Oak Park Entrance	42.973229	-81.305786
21	Oak Park Dr	Cars travel too fast. Too much drop off/pick up traffic. No safe walk ways. No sidewalks	42.972299	-81.305382
22	Oakridge Arena	There are illegally stopped and/or parked cars obstructing view and making conditions dangerous for pedestrians. Additionally, there are no sidewalks.	42.976085	-81.306265
23	Oban Cres and West Mile Rd	No sidewalks from Deer Park Cir. Through parking lot to Arena	42.972217	-81.301917
24	Oban Cres	No sidewalks- uneven road surface is not safe for biking (especially small children)	42.971881	-81.303024
25	Oban Crescent	Needs sidewalks	42.972058	-81.30242
26	PineTree Drive	Not enough sidewalks	42.970962	-81.30275
27	PineTree Drive & Oban Crescent	No sidewalk on one side of the street and cars drive to fast during school hours	42.971808	-81.303202
28	Plantation Rd at Hibiscus Ave	No sidewalk on Oban or other roads in neighborhood including East Mile Rd, West Mile Rd, Green Lane & North Mile. Additionally there is a stop sign that isn't respected	42.971497	-81.308428
29	Plantation Rd at Hibiscus Ave	A large tree makes it difficult to see around corners. No sidewalks present .	42.9715	-81.308564
30	Riverside	No sidewalks. Yield sign is not obeyed by drivers	42.967876	-81.301727
31	Riverside Drive	No sidewalks	42.968017	-81.300829
32	Saiway St at Valetta St	No sidewalks. Intersection at Wonderland and Riverside busy	42.972108	-81.309859
33	Serene Terrace and Donegal Dr	No sidewalks. Cars often drive fast on this street because it is straight.	42.976301	-81.299342
34	Sherene Terrace	three in the way. no stop sign for cars on donegal and no sidewalks. kids have to be very cautious and look for cars	42.976514	-81.300221
35	Sherene Terrace at Valetta St	Needs sidewalks	42.975127	-81.298722
36	Tarbart Terrace	Traffic travels very fast and in both directions. there are no sidewalks	42.97467	-81.307677
37	West Mile Rd & Oban Crescent	Drivers go too fast. No sidewalks	42.972194	-81.301917
		At the four-way stop sign people travel very fast and there are no sidewalks - additionally the area in general lacks sidewalks. there has been an increase in traffic (due to construction on Wonderland) and speed		