

**Minutes – Standing Policy Committee on Infrastructure Renewal and Public Works –
April 2, 2019**

REPORTS

**Item No. 19 Crosswalk Study – Edmund Gale Drive at George Reshaur Bay at Sir
Winston Churchill Park
(Transcona Ward)**

STANDING COMMITTEE DECISION:

The Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the Winnipeg Public Service and approved the following:

1. That a pedestrian crosswalk on Edmund Gale Drive on the east side of the east leg of George Reshaur Bay be installed.
2. That the Proper Officers of the City of Winnipeg be directed to do all things necessary to implement the intent of the foregoing.

**Minutes – Standing Policy Committee on Infrastructure Renewal and Public Works –
April 2, 2019**

DECISION MAKING HISTORY:

Moved by Councillor Santos,

That the recommendation of the Winnipeg Public Service be concurred in.

Carried

STANDING COMMITTEE RECOMMENDATION:

On June 26, 2018, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the East Kildonan-Transcona Community Committee and directed the Winnipeg Public Service to conduct a crosswalk study on Edmund Gale Drive at George Reshaur Bay at Sir Winston Churchill Park, and report back to the Standing Committee within 180 days.

COMMUNITY COMMITTEE RECOMMENDATION:

On June 19, 2018, the East Kildonan-Transcona Community Committee recommended to the Standing Policy Committee on Infrastructure Renewal and Public Works that the Winnipeg Public Service be directed to perform a crosswalk study on Edmund Gale Drive at George Reshaur Bay at Sir Winston Churchill Park.

Sent: Monday, June 11, 2018 2:14:55 PM

Hello Mr. Wyatt,

First off, welcome back. I hope you are doing well.

I am writing with great concern for the children of my neighbourhood. My wife and several of my neighbours have called 311 several times now requesting a traffic study done and to consider adding in a crosswalk on Edmund Gale at George Reshaur Bay, right where Sir Winston Churchill Park is located. Many of the neighbourhood kids cross here and Edmund Gale is a busy collector street for Canterbury Park, connecting Kildare and Ravenhurst. I've witnessed a few close calls as kids cross from between the parked cars. I've even had to stop my car on several occasions to help kids cross safely when coming home from work.

Could you please look into this for the residents of Canterbury Park?

Thank you and I wish you continued success in your recovery and the great work you do for the people of Transcona.

Sincerely,
Adam and Agnes Dudley

ADMINISTRATIVE REPORT

Title: Crosswalk Study – Edmund Gale Drive at George Reshaur Bay at Sir Winston Churchill Park (Transcona Ward)

Critical Path: Standing Policy Committee on Infrastructure Renewal and Public Works

AUTHORIZATION

Author	Department Head	CFO	CAO
D. Patman, P. Eng.	J. Berezowsky	P. Olafson, Acting CFO	D. McNeil

EXECUTIVE SUMMARY

A crosswalk study was conducted and based on the data, the Winnipeg Public Service recommends that a pedestrian crosswalk be installed on Edmund Gale Drive on the east side of the east leg of George Reshaur Bay.

To install the crosswalk and connect to the existing pedestrian infrastructure, new accessible curb ramps and sidewalk are required. The estimated cost of the work is \$7,345; the cost of the crosswalk (\$6,145) will be charged to the 2019 Traffic Engineering Improvement Program and the cost of the signage and pavement markings (\$1,200) will be charged to the 2019 operating budget.

RECOMMENDATIONS

1. That a pedestrian crosswalk on Edmund Gale Drive on the east side of the east leg of George Reshaur Bay be installed.
2. That the Proper Officers of the City of Winnipeg be directed to do all things necessary to implement the intent of the foregoing.

REASON FOR THE REPORT

On June 26, 2018, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the East Kildonan-Transcona Community Committee and directed the Winnipeg Public Service to conduct a crosswalk study on Edmund Gale Drive at George Reshaur Bay at Sir Winston Churchill Park, and report back to the Standing Committee at the April 2, 2019 meeting.

IMPLICATIONS OF THE RECOMMENDATIONS

To install the crosswalk and connect to existing pedestrian infrastructure, new accessible curb ramps and sidewalk are required. The estimated cost to install the crosswalk is \$7,139.34. This

cost would be covered using available funding in the Traffic Engineering Improvement Program and the existing operating budget for Traffic Services.

HISTORY/DISCUSSION

BACKGROUND AND STUDY AREA

Edmund Gale Drive is a two-lane, undivided, residential collector street in Transcona. Sidewalks are provided on either side of Edmund Gale Drive and parking is permitted on the north side of the street. The speed limit is 50 km/h and the average weekday traffic volume on Edmund Gale Drive is approximately 4,180 vehicles per day, which is typical for a collector street. Residential development in the area is relatively new. Development began 10 to 15 years ago and homes are still being constructed on some streets, such as Tom Nichols Place.

Sir Winston Churchill Park is located on the north side of Edmund Gale Drive. A play structure in the park is aligned with the east leg of George Reshaur Bay, which is a local street that intersects on the south side of Edmund Gale Drive. In addition to the play structure, the park features an asphalt path, soccer fields, and green space. Playground warning signs are present on Edmund Gale Drive facing eastbound and westbound traffic approaching Sir Winston Churchill Park. No collisions were reported on Edmund Gale Drive near Sir Winston Churchill Park during the five-year period between 2013 and 2017.

The study area is shown in Figure 1 and Figure 2 and covers the south access to the park on Edmund Gale Drive. The study focuses on evaluating the need for pedestrian crossing control on Edmund Gale Drive at the intersection with the east leg of George Reshaur Bay. Residents have expressed concerns about the safety of children crossing Edmund Gale Drive at George Reshaur Bay to access the play structure in Sir Winston Churchill Park.



Figure 1: Sir Winston Churchill Park (Image source: iView)



Figure 2: Study Area – Pedestrian count conducted at the east intersection of Edmund Gale Drive and George Reshaur Bay (Image source: iView)

CITY OF WINNIPEG TECHNICAL GUIDELINE FOR PEDESTRIAN CROSSING CONTROL

The City of Winnipeg has adopted the Transportation Association of Canada’s (TAC) *Pedestrian Crossing Control Guide* to assess pedestrian crossing control needs. The City considers that a warrant for pedestrian crossing control is met when the following criteria from the TAC *Pedestrian Crossing Control Guide* are satisfied:

1. Average hourly pedestrian volume in terms of Equivalent Adult Units (EAUs) is greater or equal to 15 per hour over a minimum seven hour continuous period and Average Daily Traffic (ADT) is greater or equal to 1,500 vehicles per day. EAUs account for age and differences in physical ability among pedestrians.
2. The proposed crossing location is at a minimum distance, “d”, from the nearest form of traffic control. The distance for “d” can be set between 100 metres and 200 metres for a particular location, and depends on factors such as road type and expected queue length. Engineering judgement is used to determine the appropriate distance for “d”.

The TAC *Pedestrian Crossing Control Guide* explains that if the above criteria are not met, pedestrian crossing control may still be provided if engineering judgement determines that there is a sufficient need for crossing control due to latent pedestrian demand, system connectivity requirements, and pedestrian desire lines.

CROSSWALK STUDY

Pedestrian counts were conducted at the east intersection of Edmund Gale Drive and George Reshaur Bay on Wednesday, May 31, 2017 and on Thursday, September 20, 2018. The results of the pedestrian counts are shown in Table 1. The minimum average hourly EAUs of 15 that is required to meet the warrant for pedestrian crossing control was not met in either count.

Table 1: Results of the Pedestrian Count for Crossing Edmund Gale Drive at the East Intersection of George Reshaur Bay

Count Date	Average Hourly EAUs
Thursday, September 20, 2018	8
Wednesday, May 31, 2017	13

To the west, the nearest controlled pedestrian crossing location on Edmund Gale Drive is approximately 265 metres away at the all-way stop controlled intersection with Ravenhurst Street. To the east, the nearest controlled pedestrian crossing location on Edmund Gale Drive is approximately 715 metres away at the minor street stop controlled intersection with Kildare Avenue East. Both locations are a considerable distance away from the play structure.

Latent pedestrian crossing demand is a measure of the potential volume of pedestrians that may use a crossing if one were provided. Based on walking distance, residents who live south and east of Edmund Gale Drive would be most likely to access the park and play structure from the south by crossing Edmund Gale Drive. There are approximately 300 single-family homes in this area from which residents may cross at any point along Edmund Gale Drive. Providing a marked crosswalk at George Reshaur Bay may consolidate these crossings in front of the play structure.

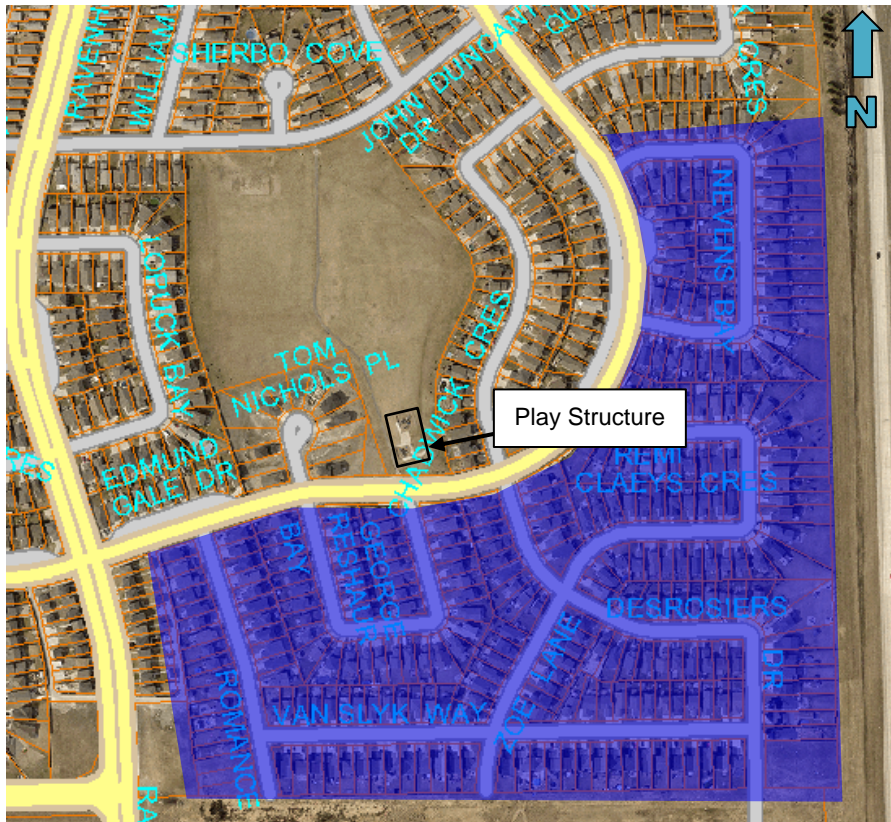


Figure 3: Area likely to access Sir Winston Churchill Park Play Structure from the south
(Image source: iView)

Although pedestrian counts found that pedestrian crossing volumes are below the threshold required to warrant treatment, engineering judgement has been applied to conclude that pedestrian crossing control is warranted based on the distance to the nearest controlled crossing location, latent pedestrian demand, and need to provide network connectivity.

Accessible curb ramps and sidewalk to connect to existing pedestrian infrastructure are required to be constructed before the crosswalk can be installed. A drawing, attached as Appendix A illustrates the location of the recommended crosswalk.

FINANCIAL IMPACT

Financial Impact Statement

Date: March 14, 2019

Project Name: **First Year of Program 2019**
Crosswalk Study – Edmund Gale Drive at George Reshaur Bay at Sir Winston Churchill Park (Transcona Ward)

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
Capital					
Capital Expenditures Required	\$ 6,145	\$ -	\$ -	\$ -	\$ -
Less: Existing Budgeted Costs	6,145	-	-	-	-
Additional Capital Budget Required	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Funding Sources:					
Debt - Internal	\$ -	\$ -	\$ -	\$ -	\$ -
Debt - External	-	-	-	-	-
Grants	-	-	-	-	-
Reserves, Equity, Surplus	-	-	-	-	-
Other	-	-	-	-	-
Total Funding	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Total Additional Capital Budget Required	<u>\$ -</u>				
Total Additional Debt Required	<u>\$ -</u>				
Current Expenditures/Revenues					
Direct Costs	\$ 1,200	\$ 184	\$ 184	\$ 184	\$ 184
Less: Incremental Revenue/Recovery	205	-	-	-	-
Net Cost/(Benefit)	<u>\$ 995</u>	<u>\$ 184</u>	<u>\$ 184</u>	<u>\$ 184</u>	<u>\$ 184</u>
Less: Existing Budget Amounts	995	184	184	184	184
Net Budget Adjustment Required	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Additional Comments: The total estimated cost of \$7,345 (\$7,140 plus overheads) will be funded by the 2019 Traffic Engineering Improvement - Various Locations Program (Public Works Capital Project # 1831000119 - \$6,145), and Traffic Services 2019 operating budget (\$1,200). Recoveries represent the Departmental, Transportation Administration, and Corporate Interest Overheads. Direct costs represent the Debt and Finance charges on the internal debt funding.					

"Original Signed by J. Ruby, CPA, CA"
 J. Ruby, CPA, CA
 Manager of Finance & Administration

CONSULTATION

This Report has been prepared in consultation with:

N/A

OURWINNIPEG POLICY ALIGNMENT

The Sustainable Transportation Direction Strategy developed as part of OurWinnipeg forms the policy framework for the Transportation Master Plan (TMP). Sustainable Transportation identified a vision and five Key Strategic Goals which are critical to achieving a balanced and sustainable transportation system for Winnipeg. These goals form the basis for the TMP and the directions and strategies contained within it:

1. A transportation system that is dynamically integrated with land use;
2. A transportation system that supports active, accessible and healthy lifestyle options;
3. A safe, efficient and equitable transportation system for people, goods and services;
4. Transportation infrastructure that is well maintained
5. A transportation system that is financially sustainable

The recommendations within this report are consistent with the Key Strategic Goals.

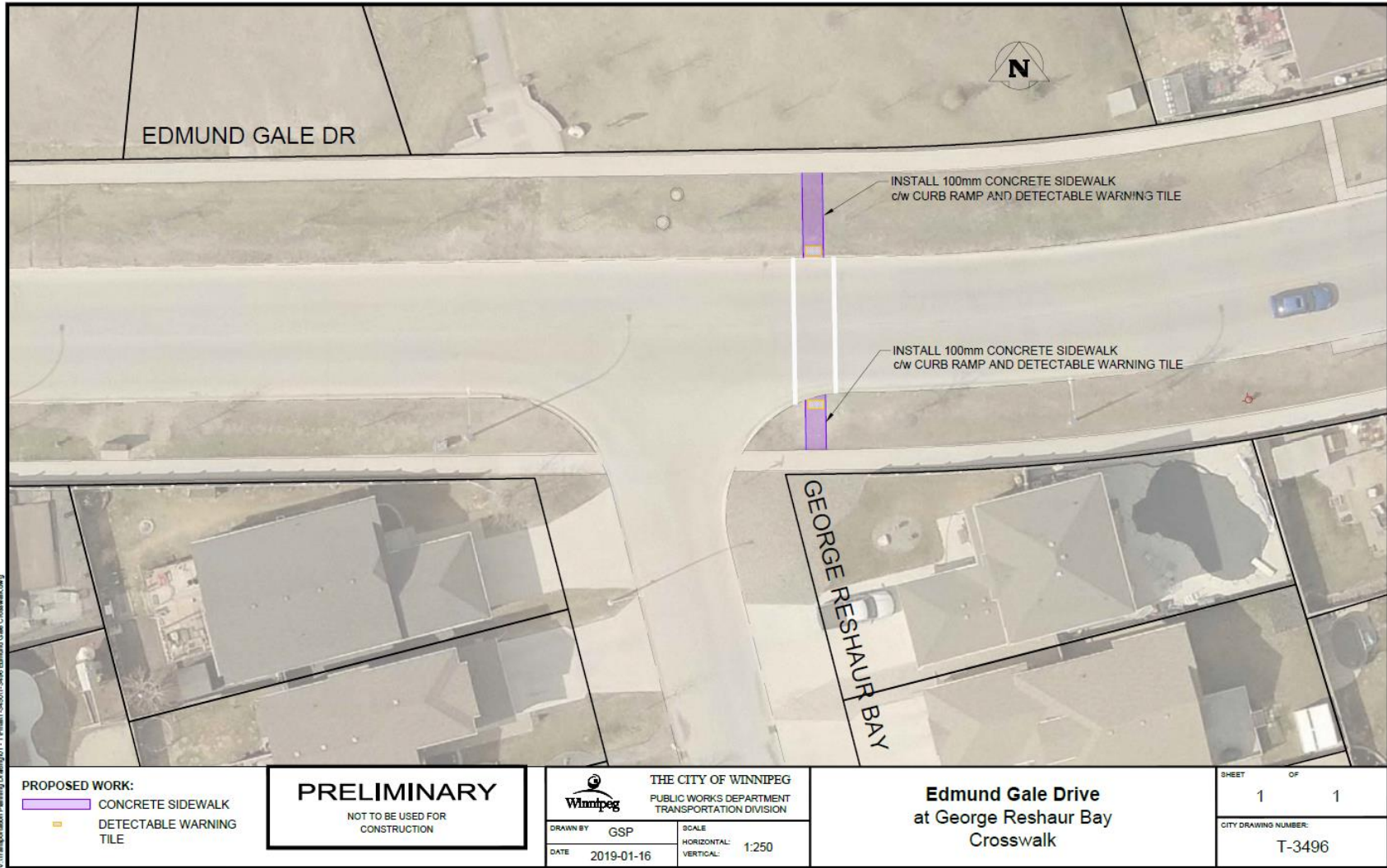
SUBMITTED BY

Department: Public Works
Division: Transportation
Prepared by: R. Peterniak, M.Sc., P.Eng, Community Traffic Engineer
Date: March 18, 2019



Attachment:

Appendix A: Location of Recommended Crosswalk


Appendix A: Location of Recommended Crosswalk



V:\Transportation Planning\Drawings\01 - TFW\MT-245015-3498 Edmund Gale Crosswalk.dwg

PROPOSED WORK:
 CONCRETE SIDEWALK
 DETECTABLE WARNING TILE

PRELIMINARY
 NOT TO BE USED FOR
 CONSTRUCTION

 **THE CITY OF WINNIPEG**
 PUBLIC WORKS DEPARTMENT
 TRANSPORTATION DIVISION

DRAWN BY: GSP
 DATE: 2019-01-16

SCALE:
 HORIZONTAL: 1:250
 VERTICAL: 1:250

**Edmund Gale Drive
 at George Reshaur Bay
 Crosswalk**

SHEET 1 OF 1
 CITY DRAWING NUMBER:
 T-3496