

40 km/h Speed Zone: Northwest Quadrant of Bathurst Street / Wilson Avenue Community

Date:	October 12, 2011
To:	North York Community Council
From:	Director, Transportation Services, North York District
Wards:	Ward 10 – York Centre
Reference Number:	<i>ny11129</i>

SUMMARY

As the Toronto Transit Commission (TTC) operates a transit service on Faywood Boulevard, City Council approval of this report is required.

To obtain approval to amend the speed limit to 40 km/h on the following roadways: Allingham Gardens, Banton Road, Barclay Road, Bonnacord Drive, Brett Avenue, Charleswood Drive, Corwin Crescent, Delia Court, De Quincy Boulevard, Erica Avenue, Faith Avenue, Geddes Court, Goodwill Avenue, Graymar Avenue, Josephine Road, Kainona Avenue, Lowesmoor Avenue, Midvale Road, Model Avenue, Palm Drive, Redmount Road, Robbie Avenue and Wigan Crescent.

The amendments to the regulatory speed limit on the above noted roadways will address the residents' request.

In addition to the above, staff is recommending that Council deny the request to reduce the speed limit to 40 km/h on the following roadways: Almington Street, Almont Road, Almore Avenue, Ansford Avenue, Clanton Park Road, Dorchester Drive, Faywood Boulevard, Gladiola Court, King High Avenue, Rosseau Road, Silverton Avenue, Sunbeam Avenue, Vinci Crescent and York Downs Drive.

The existing traffic and roadway conditions do not warrant the introduction of 40 km/h speed zones on the above noted roadways.

RECOMMENDATIONS

Transportation Services, North York District recommends that City Council:

1. Approve the installation of a 40 km/h speed zone on Allingham Gardens from Charleswood Drive to Bathurst Street;
2. Approve the installation of a 40 km/h speed zone on Banton Road from Clanton Park Road to Palm Drive;
3. Approve the installation of a 40 km/h speed zone on Barclay Road from De Quincy Boulevard to Charleswood Drive;
4. Approve the installation of a 40 km/h speed zone on Bonnacord Drive from Clanton Park Road to Palm Drive;
5. Approve the installation of a 40 km/h speed zone on Brett Avenue from Clanton Park Road to Palm Drive;
6. Approve the installation of a 40 km/h speed zone on Charleswood Drive from King High Avenue to Bathurst Street;
7. Approve the installation of a 40 km/h speed zone on Corwin Crescent from King High Avenue to Laurelcrest Avenue;
8. Approve the installation of a 40 km/h speed zone on Delia Court from the north limit of Delia Court to Palm Drive;
9. Approve the installation of a 40 km/h speed zone on De Quincy Boulevard from Wigan Crescent to King High Avenue;
10. Approve the installation of a 40 km/h speed zone on Erica Avenue from Palm Drive to the east limit of Erica Avenue;
11. Approve the installation of a 40 km/h speed zone on Faith Avenue from Wilson Heights Boulevard to Faywood Boulevard;
12. Approve the installation of a 40 km/h speed zone on Geddes Court from the north limit of Geddes Court to Palm Drive;
13. Approve the installation of a 40 km/h speed zone on Goodwill Avenue from Wilson Heights Boulevard to Faywood Boulevard;
14. Approve the installation of a 40 km/h speed zone on Graymar Avenue from De Quincy Boulevard to Allingham Gardens;

15. Approve the installation of a 40 km/h speed zone on Josephine Road from Clanton Park Road to Palm Drive;
16. Approve the installation of a 40 km/h speed zone on Kainona Avenue from Almore Avenue to Clanton Park Road;
17. Approve the installation of a 40 km/h speed zone on Lowesmoor Avenue from Almore Avenue to Clanton Park Road;
18. Approve the installation of a 40 km/h speed zone on Midvale Road from Clanton Park Road to Clanton Park Road;
19. Approve the installation of a 40 km/h speed zone on Model Avenue from Wilson Heights Boulevard to Faywood Boulevard;
20. Approve the installation of a 40 km/h speed zone on Palm Drive from the west limit of Palm Drive to Bathurst Street;
21. Approve the installation of a 40 km/h speed zone on Redmount Road from King High Avenue to Palm Drive;
22. Approve the installation of a 40 km/h speed zone on Robbie Avenue from King High Avenue to Graymar Avenue;
23. Approve the installation of a 40 km/h speed zone on Wigan Crescent from De Quincy Boulevard to King High Avenue;
24. Deny the installation of a 40 km/h speed zone on Almington Street from Invermay Avenue to Laurelcrest Avenue;
25. Deny the installation of a 40 km/h speed zone on Almont Road from De Quincy Boulevard to Charleswood Drive;
26. Deny the installation of a 40 km/h speed zone on Almore Avenue from Faywood Boulevard to Bathurst Street;
27. Deny the installation of a 40 km/h speed zone on Ansford Avenue from Wilson Heights Boulevard to Faywood Boulevard;
28. Deny the installation of a 40 km/h speed zone on Clanton Park Road from Wilson Heights Boulevard to the east limit of Clanton Park Road;
29. Deny the installation of a 40 km/h speed zone on Dorchester Drive from Almore Avenue to Clanton Park Road;

30. Deny the installation of a 40 km/h speed zone on Faywood Boulevard from Model Avenue to Wilson Avenue;
31. Deny the installation of a 40 km/h speed zone on Gladiola Court from the north limit of Gladiola Court to Clanton Park Road;
32. Deny the installation of a 40 km/h speed zone on King High Avenue from Invermay Avenue to Wilson Avenue;
33. Deny the installation of a 40 km/h speed zone on Rosseau Road from Invermay Avenue to Laurelcrest Avenue;
34. Deny the installation of a 40 km/h speed zone on Silverton Avenue from Invermay Avenue to Laurelcrest Avenue;
35. Deny the installation of a 40 km/h speed zone on Sunbeam Avenue from Wilson Heights Boulevard to Faywood Boulevard;
36. Deny the installation of a 40 km/h speed zone on Vinci Crescent from Faywood Boulevard to Faywood Boulevard; and
37. Deny the installation of a 40 km/h speed zone on York Downs Drive from Almore Avenue to Bathurst Street.

Financial Impact

All costs associated with the amending the limits of the 40 km/h speed zone on those above noted warranted roadways are included within the Transportation Services Division's 2012 Operating Budget estimates.

There are no financial implications with the adoption of denying the installation of 40 km/h speed zones on those above noted unwarranted roadways.

ISSUE BACKGROUND

Transportation Services, North York District, was requested by the Ward Councillor on behalf of local residents to review the feasibility of reducing the regulatory speed limit to 40 km/h on all of the roadways located within the community, bound by Wilson Avenue to the south, Almore Avenue to the north, Wilson Heights Boulevard to the west and Bathurst Street to the east.

COMMENTS

All of the roadways within the community located within the northwest quadrant of Bathurst Street/Wilson Avenue Community are designated as local roadways, with the exception of Faywood Boulevard, Clanton Park Road and York Downs Drive which are

designated as collector roadways. The majority of the roadways within the community have a regulatory speed limit of 50 km/h and a pavement width of approximately 8.5 metres. The roadways that are currently designated with a 40 km/h speed limit are as follows:

- Dresden Road, from Wilson Heights Boulevard to Faywood Boulevard
- Faywood Boulevard, from Model Avenue/Vinci Crescent to Clanton Park Road
- Invermay Avenue, from Faywood Boulevard to King High Avenue
- King High Avenue, from Invermay Avenue to Laurelcrest Avenue
- Laurelcrest Avenue, from Faywood Boulevard to Bathurst Street
- De Quincy Boulevard, from King High Avenue to Allingham Gardens
- Collinson Boulevard, from Wilson Avenue to Clanton Park Road
- Yeomans Road, from Clanton Park Road to Almore Avenue

In order to assess the existing traffic conditions, 24-hour vehicle volume and speed studies were conducted on several roadways within the community. The following table identifies the results of those studies:

Locations	Dir	Speed Limit	Vehicle Speeds		Traffic Volume		
			Operating	Average	AM Peak	PM Peak	24 Hr
Barclay Rd, from Charleswood Dr to Allingham Gdns	NB	50	37	29	22	13	165
	SB		38	28	13	22	162
Clanton Park Rd, from Wilson Heights Blvd to Brett Ave	EB	50	53	44	82	161	1254
	WB		50	40	47	31	372
Corwin Cres, from King High Ave to Laurelcrest Ave	EB	50	-	-	7	11	85
	WB		-	-	8	10	111
Goodwill Ave, from Wilson Heights Blvd to Faywood Blvd	EB	50	45	36	11	38	190
	WB		36	29	24	22	156
Palm Dr, from Bathurst St to Erica Ave	EB	50	59	45	35	48	516
	WB		57	46	56	64	710
Palm Dr, from Bonnacord Dr to Josephine Rd	EB	50	46	38	36	41	406
	WB		47	39	44	34	490
Redmount Rd, from King High Ave to Laurelcrest Ave	EB	50	-	-	8	13	95
	WB		-	-	18	16	131
Wigan Cres, from King High Ave to De Quincy Blvd	NB	50	-	-	9	11	99
	SB		-	-	11	11	94
York Downs Dr, from Bathurst St to Yeomans Rd	EB	50	50	43	207	138	1335
	WB		48	41	111	69	791

The 40 km/h speed limit policy considers various roadway characteristics including the presence of schools and the absence of municipal sidewalks.

The application of the criteria has concluded that the following sections of the roads meet the warrant criteria for a 40 km/h speed limit based on the absence of a municipal sidewalk:

- Allingham Gardens from Charleswood Drive to Bathurst Street
- Banton Road from Clanton Park Road to Palm Drive
- Barclay Road from De Quincy Boulevard to Charleswood Drive
- Bonnacord Drive from Clanton Park Road to Palm Drive
- Brett Avenue from Clanton Park Road to Palm Drive
- Charleswood Drive from King High Avenue to Bathurst Street
- Corwin Crescent from King high Avenue to Laurelcrest Avenue
- Delia Court from the north limit of Delia Court to Palm Drive
- De Quincy Boulevard from Wigan Crescent to King High Avenue
- Erica Avenue from Palm Drive to the east limit of Erica Avenue
- Faith Avenue from Wilson Heights Boulevard to Faywood Boulevard
- Geddes Court from the north limit of Geddes Court to Palm Drive
- Goodwill Avenue from Wilson Heights Boulevard to Faywood Boulevard
- Graymar Avenue from De Quincy Boulevard to Allingham Gardens
- Josephine Road from Clanton Park Road to Palm Drive
- Kainona Avenue from Almore Avenue to Clanton Park Road
- Lowesmoor Avenue from Almore Avenue to Clanton Park Road
- Midvale Road from Clanton Park Road to Clanton Park Road
- Model Avenue from Wilson Heights Boulevard to Faywood Boulevard
- Palm Drive from the west limit of Palm Drive to Bathurst Street
- Redmount Road from King High Avenue to Palm Drive
- Robbie Avenue from King High Avenue to Graymar Avenue
- Wigan Crescent from De Quincy Boulevard to King High Avenue;

The installation of a 40km/h speed limit on the above noted roadways will not negatively impact traffic flow. Accordingly, this Division recommends the implementation of a 40 km/h speed limit on all of the above noted roadways.

With regards to the following roadways we are unable to support the implementation of a 40 km/h speed limit as a municipal sidewalk exists on at least one side of each of these roadways and that there are no schools adjacent to the roadway.

- Almington Street from Invermay Avenue to Laurelcrest Avenue
- Almont Road from De Quincy Boulevard to Charleswood Drive
- Almore Avenue from Faywood Boulevard to Bathurst Street

- Ansford Avenue from Wilson Heights Boulevard to Faywood Boulevard
- Clanton Park Road from Wilson Heights Boulevard to the east limit of Clanton Park Road
- Dorchester Drive from Almore Avenue to Clanton Park Road
- Faywood Boulevard from Model Avenue to Wilson Avenue
- Gladiola Court from the north limit of Gladiola Court to Clanton Park Road
- King High Avenue from Invermay Avenue to Wilson Avenue
- Rosseau Road from Invermay Avenue to Laurelcrest Avenue
- Silverton Avenue from Invermay Avenue to Laurelcrest Avenue
- Sunbeam Avenue from Wilson Heights Boulevard to Faywood Boulevard
- Vinci Crescent from Faywood Boulevard to Faywood Boulevard
- York Downs Drive from Almore Avenue to Bathurst Street

If this entire community were to be signed as a 40 km/h speed limit zone, the approximate costs associated with the installation of the required 40 km/h speed limit signage would be \$52,000.00. Whereas if only the warranted roadways are completed, the approximate costs for the installation of the signage would be \$18,900.00.

This Division therefore supports the installation of the warranted roadways only.

The Ward Councillor has been advised of the recommendations of this staff report.

CONTACT

Ann S. Khan, P. Eng.
 Manager, Traffic Operations
 Transportation Services, North York District
 Tel: 416-395-7463 Fax: 416-395-7544
 Email: akhan5@toronto.ca

SIGNATURE

Myles Currie
 Director

ATTACHMENTS

Attachment 1: Map – Northwest Quadrant of Bathurst St/Wilson Av Community, 40 km/h speed limit