



## **Turn Restrictions: West Lansing Community, Sheppard Avenue West**

<b>Date:</b>	October 22, 2008
<b>To:</b>	North York Community Council
<b>From:</b>	Director, Transportation Services Division, North York District
<b>Wards:</b>	<b>Ward 23 - Willowdale</b>
<b>Reference Number:</b>	ny08113

### **SUMMARY**

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To obtain approval to amend and restrict certain traffic movements on Sheppard Avenue West intersecting at Easton Road, Senlac Road, Fennell Street, Pewter Road, and Beaman Road.

The amendments and additional turn restrictions will address the concerns of the West Lansing Community, with regards to transient traffic volumes through the community.

### **RECOMMENDATIONS**

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Transportation Services Division, North York District recommends that:

1. the existing eastbound right turn prohibition at Easton Road and Sheppard Avenue West, 7:00 a.m. to 9:00 a.m., Monday to Friday, except Public Holidays, buses and bicycles excepted, be deleted;
2. the existing eastbound right turn prohibition at Senlac Road and Sheppard Avenue West, 7:00 a.m. to 9:00 a.m., Monday to Friday, except Public Holidays, be deleted;
3. the existing eastbound right turn prohibition at Fennell Street and Sheppard Avenue West, 7:00 a.m. to 9:00 a.m., Monday to Friday, except Saturdays, Sundays and Public Holidays, be deleted;

4. the existing eastbound right turn prohibition at Beaman Road and Sheppard Avenue West, 7:00 a.m. to 9:00 a.m., except Saturdays, Sundays and Public Holidays, be deleted;
5. eastbound right turns be prohibited at Easton Road and Sheppard Avenue West, from 7:00 a.m. to 10:00 a.m. and 4:00 p.m. to 7:00 p.m., Monday to Friday, except Public Holidays, buses and bicycles excepted be implemented;
6. eastbound right turns be prohibited at Senlac Road and Sheppard Avenue West, from 7:00 a.m. to 10:00 a.m. and 4:00 p.m. to 7:00 p.m., Monday to Friday, except Public Holidays, bicycles excepted be implemented;
7. eastbound right turns be prohibited at Fennell Street and Sheppard Avenue West, from 7:00 a.m. to 10:00 a.m. and 4:00 p.m. to 7:00 p.m., Monday to Friday, except Public Holidays, bicycles excepted be implemented;
8. eastbound right turns be prohibited at Pewter Road and Sheppard Avenue West, from 7:00 a.m. to 10:00 a.m. and 4:00 p.m. to 7:00 p.m., Monday to Friday, except Public Holidays, bicycles excepted be implemented;
9. westbound left turns be prohibited at Pewter Road and Sheppard Avenue West, from 7:00 a.m. to 10:00 a.m. and 4:00 p.m. to 7:00 p.m., Monday to Friday, except Public Holidays, bicycles excepted, be implemented;
10. eastbound right turns be prohibited at Beaman Road and Sheppard Avenue West, from 7:00 a.m. to 10:00 a.m. and 4:00 p.m. and 7:00 p.m., Monday to Friday, except Public Holidays, bicycles excepted be implemented; and
11. westbound left turns be prohibited at Beaman Road and Sheppard Avenue West, from 7:00 a.m. to 10:00 a.m. and 4:00 p.m. to 7:00 p.m., Monday to Friday, except Public Holidays, bicycles excepted be implemented;

## **FINANCIAL IMPACT**

All costs associated with the turn restrictions are included within the Transportation Services Division's 2008 Operating Budget.

## **ISSUE BACKGROUND**

Councillor John Filion on behalf of the West Lansing Homeowners Association (WLHA) has requested that the Transportation Services Division, North York District review the concerns of the WLHA with regards to the feasibility of amending the existing turn restrictions along Sheppard Avenue West, between Yonge Street and Easton Road.

## COMMENTS

Currently, eastbound right-turns are restricted on Sheppard Avenue West at Easton Road, Senlac Road, Fennell Street, Pewter Road and Beaman Road, from 7:00 a.m. to 9:00 a.m., except Saturdays, Sundays and Public Holidays. On Poyntz Avenue at Botham Road, westbound left-turns are restricted, from 7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m., Monday to Friday. All of the roads within the study area are designated as local roads with the exception of Florence Avenue, which is a collector road.

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

Location	Dir	Vehicle Speeds		Traffic Volume		
		Operating	Average	AM Peak Hour	PM Peak Hour	24 Hr
Beaman Rd, Sheppard Ave to Bogert Ave	NB	36	26	48	44	436
	SB	36	29	55	59	353
Beaman Road, Bogert Ave and Poyntz Ave	NB	31	17	28	79	513
	SB	40	34	64	2	157
Pewter Rd, Sheppard Ave to Bogert Ave	NB	39	32	56	53	675
	SB	40	36	34	89	705
Pewter Rd, Bogert Ave and Poyntz Ave	NB	40	36	122	97	886
	SB	41	35	54	50	690
Botham Rd, Poyntz Ave to Johnston Ave	NB	38	27	3	10	75
	SB	37	26	9	9	99
Poyntz Ave, Beaman Rd to Botham Rd	WB	43	36	88	96	870
	EB	44	38	120	95	698
Poyntz Ave, Botham Rd to Frizzell Rd	WB	41	35	93	107	893
	EB	39	34	117	114	1124

The results of the vehicle speed studies confirmed that operating speeds, the speed at which 85% of the motorists are traveling at or below, are less than 44 km/h and average vehicle speeds are less than 38 km/h. Furthermore, our review has indicated that the vehicle volumes are not excessive for a roadway that has a designation as a local road. The typical traffic volume for a local road, as per the approved Road Classification System, is upwards of 2,500 vehicles per day. It should also be noted that local roads that have a direct connection to the arterial road network tend to carry higher traffic volumes.

In addition to the above data, staff has undertaken a comparison of data collected in the past. The table below illustrates the results of that comparison:

Location	Dir	October 2003		March 2006		November 2007	
		AM	PM	AM	PM	AM	PM
Beaman Rd, Sheppard Ave to Bogert Ave	NB	26	34	27	17	48	44
	SB	27	34	41	37	55	59
Pewter Rd, Sheppard Ave to Bogert Ave	NB	75	73	60	51	56	53
	SB	63	99	49	70	34	89
Poyntz Ave, Botham Rd to Frizzell Rd	WB	N/A	N/A	86	71	93	107
	EB	N/A	N/A	103	80	117	114

A comparison between the studies indicates that vehicle volumes have remained relatively constant within the area with the exception of a small increase on Beaman Road, south of Sheppard Avenue West.

It is important to recognize that although turn restrictions may reduce overall traffic volumes on Beaman Road and Poyntz Avenue, traffic volumes would be displaced elsewhere, thus concentrating the volumes to a smaller number of streets. Turn restrictions would also negatively impact the local residents as they would also be required to comply with the restrictions. The only amendment to an existing turn restrictions that would not have a negative impact on the neighbourhood would be to prohibit westbound left-turns at the intersection of Sheppard Avenue West and Beaman Road, from 7:00 a.m. to 9:00 a.m., Monday to Friday.

On September 16, 2008, staff of the North York Traffic Operations Section attended a Public Meeting to discuss the outcome of our analysis and to determine if any additional actions are required. At this meeting the West Lansing Homeowners Association unanimously supported the introduction of the following traffic restrictions on Sheppard Avenue West;

#### **Sheppard Avenue West at Beaman Road**

- Westbound left turns be prohibited from 7:00 am to 10:00 am, and 4:00 pm to 7:00 pm, Monday to Friday, except Public Holidays;
- Eastbound right turns be prohibited from 7:00 am to 10:00 am, and 4:00 pm to 7:00 pm, Monday to Friday, except Public Holidays;

#### **Sheppard Avenue West at Pewter Road**

- Westbound left turns be prohibited from 7:00 am to 10:00 am, and 4:00 pm to 7:00 pm, Monday to Friday, except Public Holidays;
- Eastbound right turns be prohibited from 7:00 am to 10:00 am, and 4:00 pm to 7:00 pm, Monday to Friday, except Public Holidays;

#### **Sheppard Avenue West at Easton Road**

- Eastbound right turns be prohibited from 7:00 am to 10:00 am, and 4:00 pm to 7:00 pm, Monday to Friday, except Public Holidays, buses and bicycles excepted.

### **Sheppard Avenue West at Senlac Road**

- Eastbound right turns be prohibited from 7:00 am to 10:00 am, and 4:00 pm to 7:00 pm, Monday to Friday, except Public Holidays.

### **Sheppard Avenue West at Fennel Street**

- Eastbound right turns be prohibited from 7:00 am to 10:00 am, and 4:00 pm to 7:00 pm, Monday to Friday, except Public Holidays.

Councillor John Filion has been advised of the recommendations contained in this report.

## **CONTACT**

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## **SIGNATURE**

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Myles Currie, B.A.  
Director

## **ATTACHMENTS**

Attachment 1: Map – Sheppard Avenue West; Turn Restrictions (*ny08113\_map*)