

## **Parking Prohibitions: Oakwood Avenue**

<b>Date:</b>	June 2, 2010
<b>To:</b>	Public Works and Infrastructure Committee
<b>From:</b>	General Manager, Transportation Services Division
<b>Wards:</b>	<b>Ward 15 Eglinton – Lawrence</b> <b>Ward 17 Davenport</b>
<b>Reference Number:</b>	<i>P:\2010\ClusterB\TRA\NorthYorkDistrict\pw10049</i>

### **SUMMARY**

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As the Toronto Transit Commission (TTC) operates a surface transit route on Oakwood Avenue, City Council approval of this report is required.

To obtain approval to rescind the current rush hour parking restrictions on Oakwood Avenue from Earlsdale Avenue to Vaughan Road and allow on-street Pay and Display Parking from 8:00 a.m. to 6:00 p.m., Monday to Saturday.

The removal of the existing rush hour restrictions will address the concerns of the Toronto Public Health Division and the area business owners, regarding the lack of on-street parking on this section of roadway during certain hours of the day.

### **RECOMMENDATIONS**

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Transportation Services Division North York District recommends that City Council:

1. Amend By-law Nos. 196-84 and 2958-94, of the former City of York, to delete the No Parking prohibitions on the east side of Oakwood Avenue from a point 55.4 metres north of St. Clair Avenue West and a point 75 metres south of Vaughan Road from 4:00 p.m. to 6:00 p.m., Monday to Friday, except public holidays;

2. Amend By-law Nos. 196-84 and 2958-94, of the former City of York, to delete the No Parking prohibitions on the west side of Oakwood Avenue from Earlsdale Avenue and a point 52.7 metres south of Hanson Road from 7:00 a.m. to 9:00 a.m., Monday to Friday, except public holidays;
3. Amend By-law Nos. 196-84 and 2958-94, of the former City of York, to delete the No Parking prohibitions on the west side of Oakwood Avenue from a point 39.6 metres south of Hanson Road and Eleanor Avenue from 7:00 a.m. to 9:00 a.m., Monday to Friday, except public holidays;
4. Amend By-law Nos. 196-84 and 2958-94, of the former City of York, to delete the 60 Minute Parking restriction on the east side of Oakwood Avenue from Earlsdale Avenue and a point 30 metres south of Jesmond Avenue from 8:00 a.m. to 4:00 p.m., Monday to Friday, and 8:00 a.m. to 6:00 p.m., Saturday, except public holidays;
5. Amend By-law Nos. 196-84 and 2958-94, of the former City of York, to delete the 60 Minute Parking restriction on the east side of Oakwood Avenue from a point 30 metres north of Jesmond Avenue and a point 75 metres south of Vaughan Road from 8:00 a.m. to 4:00 p.m., Monday to Friday, and 8:00 a.m. to 6:00 p.m., Saturday, except public holidays;
6. Amend By-law Nos. 196-84 and 2958-94, of the former City of York, to delete the 60 Minute Parking restriction on the west side of Oakwood Avenue from a point 39.6 metres south of Hanson Road and Eleanor Avenue from 9:00 a.m. to 6:00 p.m., Monday to Friday, and 8:00 a.m. to 6:00 p.m., Saturday, except public holidays;
7. Amend By-law Nos. 196-84 and 2958-94, of the former City of York, to delete the 60 Minute Parking restriction on the west side of Oakwood Avenue from Earlsdale Avenue and a point 52.7 metres south of Hanson Road from 9:00 a.m. to 6:00 p.m., Monday to Friday, and 8:00 a.m. to 6:00 p.m., Saturday, except public holidays;
8. Amend By-law Nos. 196-84 and 2958-94, of the former City of York, to install No Parking prohibitions on the east side of Oakwood Avenue from a point 55.4 metres north of St. Clair Avenue West and Earlsdale Avenue from 4:00 p.m. to 6:00 p.m., Monday to Friday, except public holidays;
9. Amend By-law Nos. 196-84 and 2958-94, of the former City of York, to install 3 Hour Parking restriction on the east side of Oakwood Avenue from Earlsdale Avenue and a point 30 metres south of Jesmond Avenue from 8:00 a.m. to 6:00 p.m., Monday to Saturday, except public holidays;

10. Amend By-law Nos. 196-84 and 2958-94, of the former City of York, to install 3 Hour Parking restriction on the east side of Oakwood Avenue from a point 30 metres north of Jesmond Avenue and a point 75 metres south of Vaughan Road from 8:00 a.m. to 6:00 p.m., Monday to Saturday, except public holidays;
11. Amend By-law Nos. 196-84 and 2958-94, of the former City of York, to install 3 Hour Parking restriction on the west side of Oakwood Avenue from a point 39.6 metres south of Hanson Road to Eleanor Avenue from 8:00 a.m. to 6:00 p.m., Monday to Saturday, except public holidays;
12. Amend Chapter 910 of the City of Toronto Municipal Code, to delete the Pay and Display Parking on the east side of Oakwood Avenue from Earlsdale Avenue to a point 30 metres south of Jesmond Avenue in operation between the hours of 8:00 a.m. and 4:00 p.m., Monday to Friday and 8:00 a.m. to 6:00 p.m., Saturday, for a maximum period of 3 Hours at a rate of \$1.00 per Hour;
13. Amend Chapter 910 of the City of Toronto Municipal Code, to delete the Pay and Display Parking on the east side of Oakwood Avenue from a point 30 metres north of Jesmond Avenue to a point 75 metres south of Vaughan Road in operation between the hours of 8:00 a.m. and 4:00 p.m., Monday to Friday and 8:00 a.m. to 6:00 p.m., Saturday, for a maximum period of 3 Hours at a rate of \$1.00 per Hour;
14. Amend Chapter 910 of the City of Toronto Municipal Code, to delete the Pay and Display Parking on the west side of Oakwood Avenue from Earlsdale Avenue to a point 86.2 metres south of Hanson Road in operation between the hours of 9:00 a.m. and 6:00 p.m., Monday to Friday and 8:00 a.m. to 6:00 p.m., Saturday, for a maximum period of 3 Hours at a rate of \$1.00 per Hour;
15. Amend Chapter 910 of the City of Toronto Municipal Code, to delete the Pay and Display Parking on the west side of Oakwood Avenue from a point 39.6 metres south of Hanson Road to Eleanor Avenue in operation between the hours of 9:00 a.m. and 6:00 p.m., Monday to Friday and 8:00 a.m. to 6:00 p.m., Saturday, for a maximum period of 3 Hours at a rate of \$1.00 per Hour;
16. Amend Chapter 910 of the City of Toronto Municipal Code, to install Pay and Display Parking on the east side of Oakwood Avenue from Earlsdale Avenue to a point 30 metres south of Jesmond Avenue in operation between the hours of 8:00 a.m. and 6:00 p.m., Monday to Saturday, for a maximum period of 3 Hours at a rate of \$1.00 per Hour;
17. Amend Chapter 910 of the City of Toronto Municipal Code, to install Pay and Display Parking on the east side of Oakwood Avenue from a point 30 metres north of Jesmond Avenue to a point 75 metres south of Vaughan Road in operation between the hours of 8:00 a.m. and 6:00 p.m., Monday to Saturday, for a maximum period of 3 Hours at a rate of \$1.00 per Hour;

18. Amend Chapter 910 of the City of Toronto Municipal Code, to install Pay and Display Parking on the west side of Oakwood Avenue from Earlsdale Avenue to a point 86.2 metres south of Hanson Road in operation between the hours of 8:00 a.m. and 6:00 p.m., Monday to Saturday, for a maximum period of 3 Hours at a rate of \$1.00 per Hour; and
19. Amend Chapter 910 of the City of Toronto Municipal Code, to install Pay and Display Parking on the west side of Oakwood Avenue from a point 39.6 metres south of Hanson Road to Eleanor Avenue in operation between the hours of 8:00 a.m. and 6:00 p.m., Monday to Saturday, for a maximum period of 3 Hours at a rate of \$1.00 per Hour;

### **Financial impact**

All costs associated with the removal of the parking regulations are included within the Transportation Services Division, North York District's 2010 Operating Budget estimates. The Toronto Parking Authority has advised that the costs pertaining to the changes to the pay and display machines and appropriate signage changes on Oakwood Avenue is approximately \$5,000.00 and the funds will be available in The Toronto Parking Authority 2010 Pay and Display Machine Installation Program.

### **ISSUE BACKGROUND**

The Transportation Services Division, North York District, was requested by the City Councillor for Ward 15, on behalf of Toronto Public Health and the area business operators to review the current parking regulations on both sides of Oakwood Avenue from Vaughan Road to Earlsdale Avenue.

The Toronto Public Health (TPH) Staff at 524 Oakwood Avenue have indicated that the current on street parking regulations and Pay and Display parking limits are not conducive to their operation, as patrons typically arrive prior to 9:00 a.m., and are at this location for greater than one hour. In addition to the TPH's concerns, the area business operators have also requested that the existing rush hour parking restrictions be amended, as the current restrictions are limiting the available on-street parking during the a.m. and p.m. peak periods resulting in a negative impact on their business operations.

## COMMENTS

Oakwood Avenue between Vaughan Road and Earlsdale Avenue is a two lane, north/south minor arterial roadway, with a daily two-way traffic volume of approximately 22,000 vehicles. Oakwood Avenue, north of Rogers Road has a regulatory speed limit of 50 km/h and a speed limit of 40 km/h south of Rogers Road. The pavement width is approximately 12.8 metres and sidewalks are located on both sides of the roadway.

It should be noted that the sections of Oakwood Avenue that are being considered as part of this review are situated within Wards 15 and 17. The division line between these two Wards occurs at Rogers Road. Given that the requested parking amendments occur within both Wards, a single report must be submitted to Public Works and Infrastructure Committee and subsequently to City Council.

Currently on Oakwood Avenue, from Vaughan Road to Earlsdale Avenue, parking is prohibited on the west side from 7:00 a.m. to 9:00 a.m., Monday to Friday and on the east side from 4:00 p.m. to 6:00 p.m., Monday to Friday. During the off peak hours, Pay and Display Parking is permitted for a maximum of one Hour on the west side from 9:00 a.m. to 6:00 p.m., Monday to Friday and on the east side from 8:00 a.m. to 4:00 p.m., Monday to Friday, except public holidays.

In order to determine the impact of the proposed parking amendments, North York District Traffic Operations staff has undertaken a review of the existing parking condition, geometry of the roadway, and traffic flow and has consulted with the Toronto Parking Authority and Toronto Transit Commission.

A review and analysis of the most recent 24 hour and 8 hour vehicle volume counts was conducted along various sections of the roadway, so as to determine the existing traffic flow conditions, and Level of Service (LOS). The following table identifies the volume of traffic during the a.m. and p.m. peak hour and off peak hours:

<b>Oakwood Avenue</b>	<b>Direction</b>	<b>A.M. Peak Hr</b>	<b>P.M. Peak Hr</b>	<b>Off -Peak Hour Avg</b>
Vaughan Road	Northbound	544	764	493
	Southbound	764	606	535
Jesmond Road	Northbound	531	679	506
	Southbound	643	597	650
Rogers Road	Northbound	561	631	546
	Southbound	494	698	586

The study results revealed that the traffic volumes are in line with those of a minor arterial roadway as prescribed in the City of Toronto Road Classification System. Additionally, the traffic volumes during the a.m. and p.m. peak periods do not vary greatly from the traffic volumes during the off peak period.

In addition to the above studies, staff undertook a Level of Service review on Oakwood Avenue between Vaughan Road and Jesmond Road and Jesmond Road and Rogers Road. Our review has revealed the following:

Intersection	Overall LOS	Overall LOS	Overall LOS
Oakwood Ave at Vaughan Rd	F	D	F
Oakwood Ave at Jesmond Ave	B	B	B
Oakwood Ave at Rogers Rd	F	F	F

The LOS of a roadway takes into consideration several factors such as control delay, queue delay and the calculated volume-to-capacity ratio (v/c). A v/c ratio of greater than 1.0 indicates that the intersection is above capacity. Typically the LOS for any given movement or overall intersection is assigned a LOS of A to F, which can be explained as follows:

- A – B = Excellent to good operations, minimal delay
- C – D = Fair operations, moderate delay
- E – F = Poor to problematic operations, long delay

The above analysis was completed under the current premise that Oakwood Avenue operates as a two-lane roadway, with lane widths of approximately 6.2 metres wide and minimal driveway access points along this section of roadway. The results of this analysis indicates that the LOS remains practically the same between the peak hours and the average off peak hour. As such, the removal of the rush hour restriction will not result in any operational difference. Given that the roadway does not have the capacity to be marked as a four-lane roadway, this excess pavement width of 4.0 metres (2.0 metres per side) should be utilized more efficiently. Therefore, implementing Pay and Display Parking on both sides of Oakwood Avenue from Vaughan Road to Earlsdale Avenue will satisfy both the requirements of the community and also utilize the existing roadway more efficiently.

The North York District Staff has consulted with the Toronto Parking Authority with regards to the above and have indicated that they are in concurrence with the elimination of the rush hour restriction on both sides of Oakwood Avenue from Vaughan Road to Earlsdale Avenue.

The TTC has also been consulted regarding the proposed parking amendments and have indicated that they have some concerns with the elimination of the rush hour parking restriction.

As such, and in conjunction with the TTC, this Division has conducted the appropriate studies along this section of roadway, to measure the conditions with regards to the following:

1. Are the TTC buses experiencing any delays at the existing traffic control signals?  
and
2. Will the proposed permitted parking result in an increase in delay to the transit operations on this section of roadway?

Two studies were conducted on this section of roadway to address the TTC concerns. Firstly, a study of the existing conditions was conducted, and secondly, staff undertook a field simulation on the roadway by placing construction barrels along the roadway to simulate parked vehicles during the peak periods.

Based on observations conducted during the existing conditions, TTC service did not experience any delay along this section of roadway as a result of parked vehicles. There were however, 5 instances where the TTC vehicles were delayed for an average time of 11 seconds due to the vehicle volumes during certain time periods. These delays can be expected, given that the LOS during off peak times ranges from B – F.

In regards to the simulation test, it essentially revealed similar results as existing conditions and that the delays that did occur for the northbound buses at Oakwood and Rogers Road was due to their arrival at a signalized intersection with a vehicle queue that extended to the proposed parking areas. No delays were experienced at the intersection of Oakwood Avenue and Jesmond Road. It should be noted that these two intersections were chosen as they are controlled by a traffic control signal.

Since the results of the analysis of existing and proposed conditions did not reveal any increased delay to the TTC due to parking during the peak hours, this division supports amending the current parking restrictions as follows:

- the rush hour restrictions on both sides of the roadway be removed and that the existing Pay and Display Parking hours be expanded to operate for a maximum period of 3Hours between the hours of 8:00 a.m. and 6:00 p.m., Monday to Friday, from Vaughan Road to Earlsdale Avenue. Parking will continue to be prohibited within 30 metres of the signalized intersections; and
- the appropriate corner parking restrictions be installed at the intersections of Oakwood Avenue with Ashbury Avenue and Hanson Road for the northbound direction, thus maintaining these areas free of any parked vehicles.

The above noted amendments to the parking regulations on Oakwood Avenue will address the concerns of the TPH and local businesses.

The City Councillors for Ward 15 and Ward 17 and the staff of the Etobicoke York District Traffic Operations have been advised and have indicated that they are in support of the recommendations contained in this staff report.

## **CONTACT**

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## **SIGNATURE**

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Gary Welsh, P.Eng.  
General Manager

## **ATTACHMENTS**

- Attachment 1: Map – Oakwood Av; Permitted Parking Overview (*pw10049\_att*)
- Attachment 2: Map – Oakwood Av; Earlsdale Av to Holland Park Av (*pw10049\_att*)
- Attachment 3: Map – Oakwood Av; Holland Av to 120m north of Rogers Rd (*pw10049\_att*)
- Attachment 4: Map – Oakwood Av; 120m north of Rogers Rd to Jesmond Av (*pw10049\_att*)
- Attachment 5: Map – Oakwood Av; Jesmond Av to Amherst Av (*pw10049\_att*)
- Attachment 6: Map – Oakwood Av; Amherst Av to Rogers Rd (*pw10049\_att*)