

CITY OF LLOYDMINSTER



2008 TRAFFIC REPORT SUMMARY

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The 2008 Traffic Report contains traffic volume information and traffic accident statistics. The following is a summary of the information contained in the report. A copy of the report in its entirety is available on the Cities website - www.lloydminster.ca.

Traffic Volumes are summarized on the attached 2008 Traffic Volume Map.

2008 TOP TEN INTERSECTIONS

ADT – Average Daily Traffic is a value given to a roadway that represents the total volume of vehicles in one day.

AADT – Average Annual Daily Traffic is the value that is most commonly used to rate traffic volumes because it gives a better representation throughout the entire year, rather than one day. The AADT of a roadway is calculated using a determined conversion factor that is multiplied by the ADT. These conversion factors vary throughout the year to account for the higher traffic volumes in the summer months and the lower volumes in the winter months.

The following table illustrates the top ten intersections by PM peak hour volume in 2008. PM peak hours range from 4:00 – 6:00 depending on the intersection. The AADT of the intersections are also illustrated.

2008 Top Ten Intersections by PM Peak Hour

2008 Ranking	Intersection Location	PM Peak Hour Volume	AADT
1	62 Ave 44 St	3940	41793
2	50 Ave 44 St	3280	37873
3	52 Ave 44 St	2890	30518
4	57 Ave 44 St	2390	28675
5	66 Ave 44 St	2340	28248
6	54 Ave 44 St	2300	28383
7	49 Ave 44 St	2270	21150
8	70 Ave 44 St	2160	21125
9	50 Ave 36 St	2080	26328
10	62 Ave 36 St	1840	19940

ACCIDENT RATES

The following accident rates are determined by dividing the number of accidents at an intersection by the average total number of vehicles that use the intersection per day (AADT) of that intersection. Rates are shown per 10,000 vehicles.

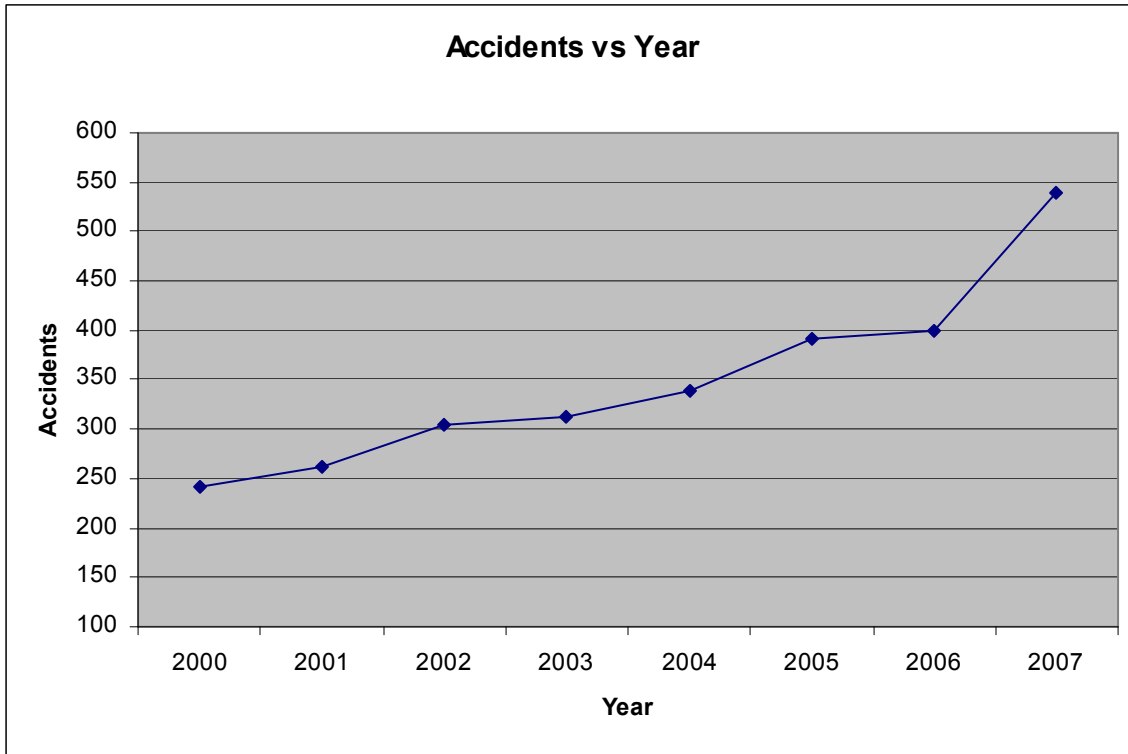
2008 Accident Rates (per 10,000)

	Intersection	Accidents	AADT	Accidents per 10000 Vehicles
1	50Ave & 44St	45	37873	12
2	50Ave & 36St	21	26328	8
3	50Ave & 48St	10	13720	7
4	49Ave & 44St	14	21150	7
5	50Ave & 46St	8	13365	6
6	47Ave & 44St	7	13280	5
7	57Ave & 44St	15	28675	5
8	50Ave & 48St	7	13720	5
9	62Ave & 36St	10	19940	5
10	52Ave & 44St	15	30518	5
11	40Ave & 44St	7	14678	5
12	52Ave & 36St	5	10723	5
13	50Ave & 25St	7	17060	4
14	62Ave & 44St	17	41793	4
15	50Ave & 29St	6	17370	3
16	56Ave & 44St	8	23438	3
17	70Ave & 44St	7	21125	3
19	66Ave & 44St	7	28248	2
20	54Ave & 44St	7	28383	2

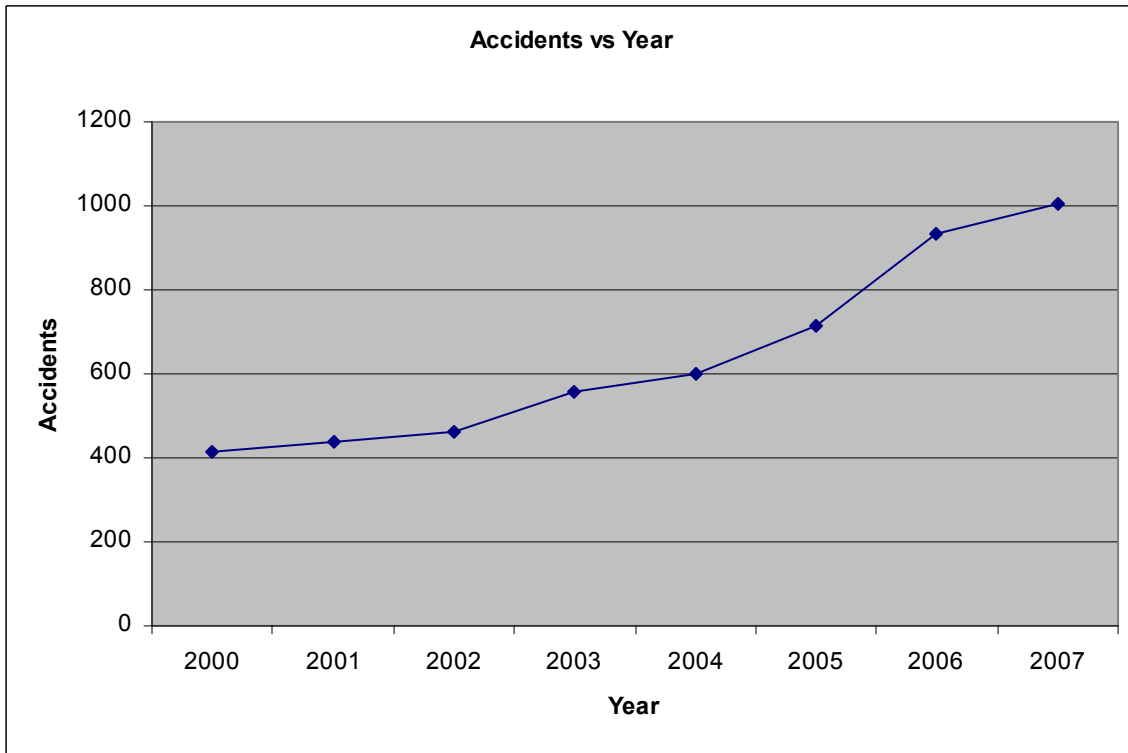
ACCIDENTS VS. YEAR

The following two charts represent the total accidents that occurred from 2000 to 2007 on both the Saskatchewan and Alberta sides of the City. A constant increase in accidents is observed due to population growth and more vehicles using the roadways within the City of Lloydminster.

Saskatchewan: Accidents vs. Year Graph



Alberta: Accidents vs. Year Graph



TRENDS IN TRAFFIC

The following three figures illustrate typical trends of traffic volumes by hour of day, day of week and by month respectively. Figure 1 – “Typical One-Hour Traffic” illustrates distinctive peak hours of 12:00 – 1:00 and 5:00-6:00. Figure 2 – “Typical Average Weekly Traffic” illustrates volumes are greater throughout the week than they are on the weekends (Saturday and Sunday). Figure 3 – “Typical Monthly ADT Volumes” illustrate that peak traffic volumes occur from May – June.

49 Avenue & 44 Street: TYPICAL ONE-HOUR TRAFFIC VOLUME BY HOUR OF DAY:

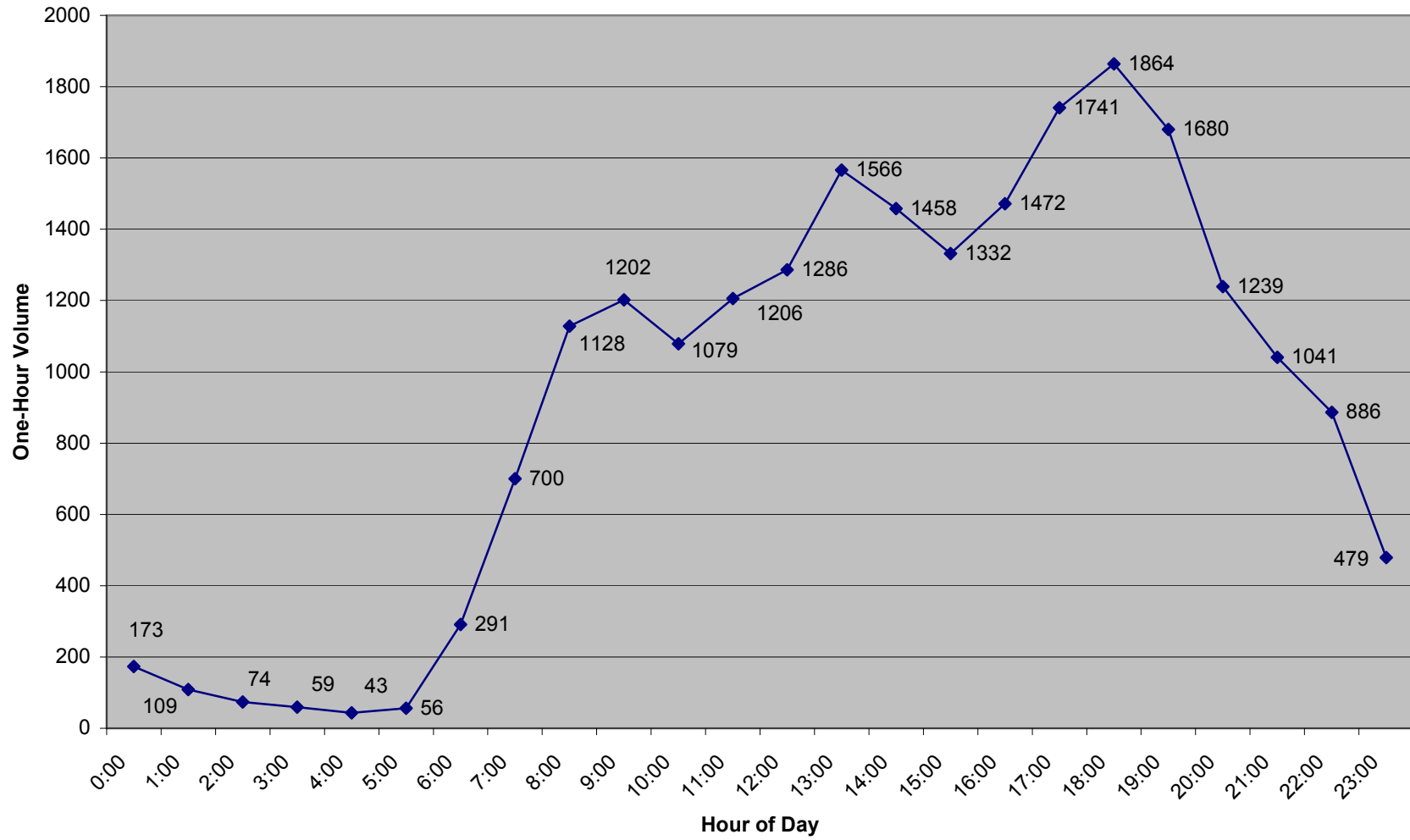


FIGURE 1: TYPICAL ONE-HOUR TRAFFIC

49 Avenue & 44 Street: TYPICAL AVERAGE WEEKLY TRAFFIC VOLUME
Average of June 3 - 30, 2008

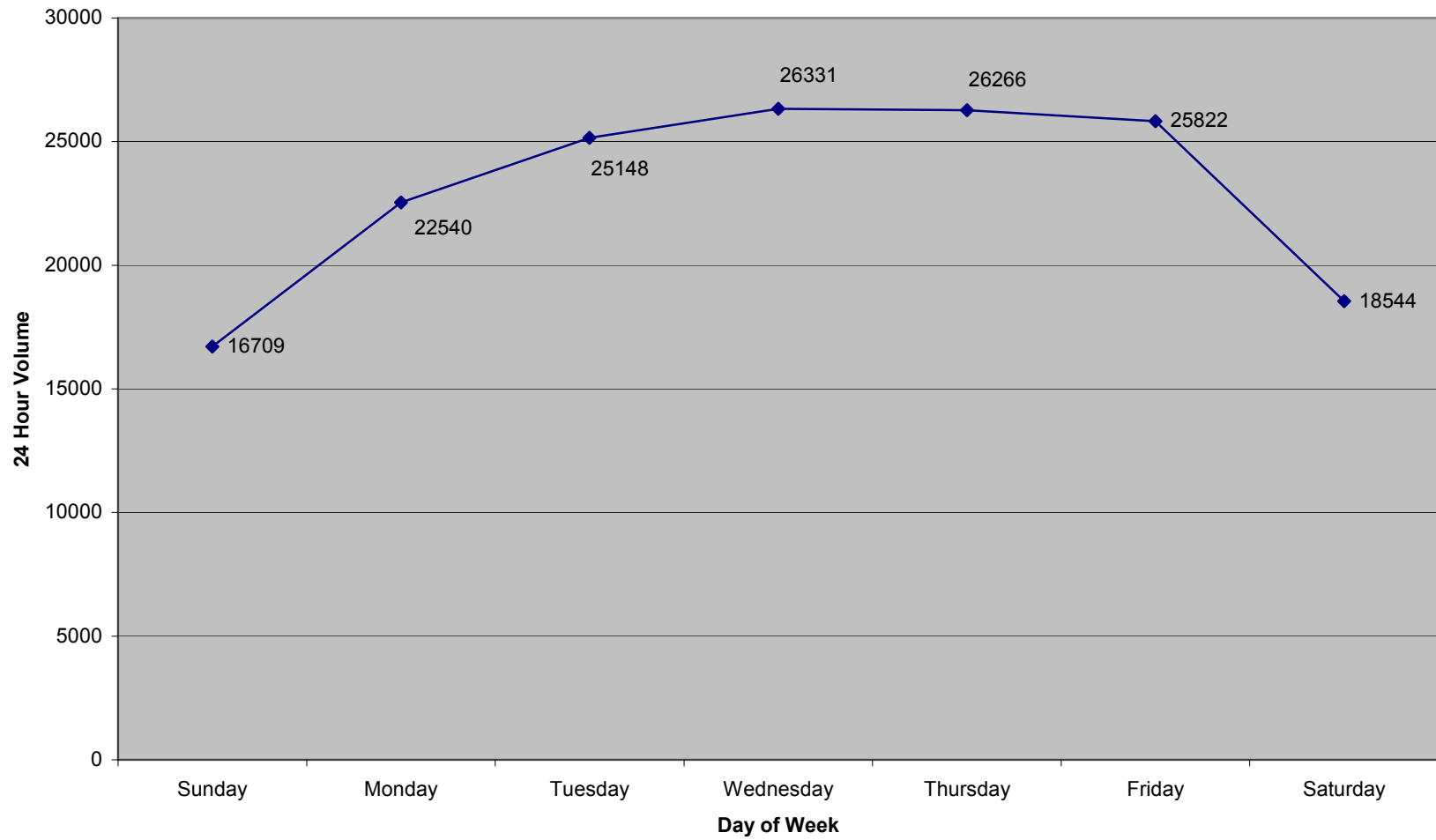


FIGURE 2: TYPICAL AVERAGE WEEKLY TRAFFIC

49 Avenue & 44 Street: TYPICAL MONTHLY ADT VOLUMES

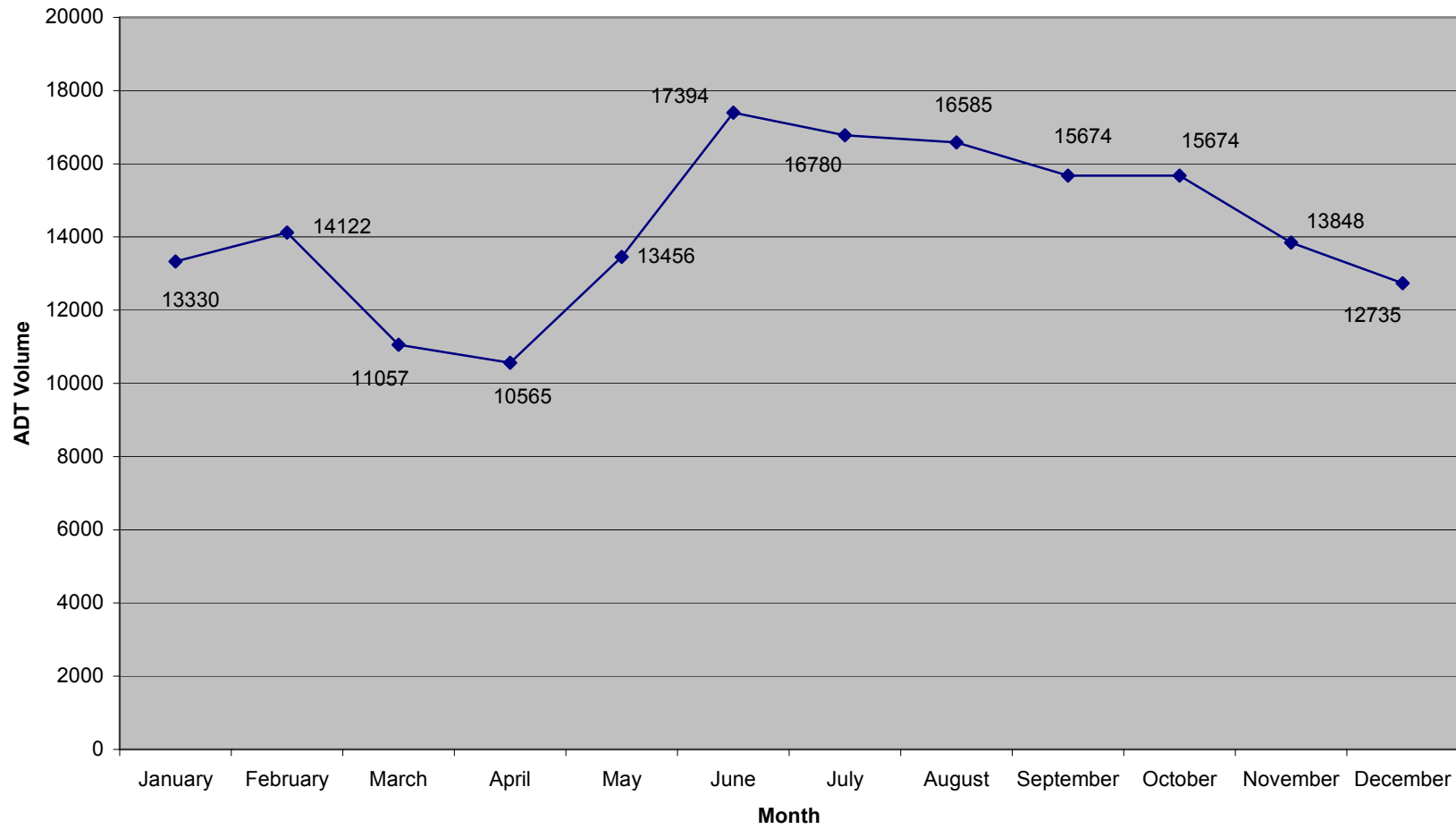


FIGURE 3: TYPICAL MONTHLY ADT VOLUMES – Determined by applying correction factors to ADT collected by 49 Avenue and 44 Street