

# Memorandum

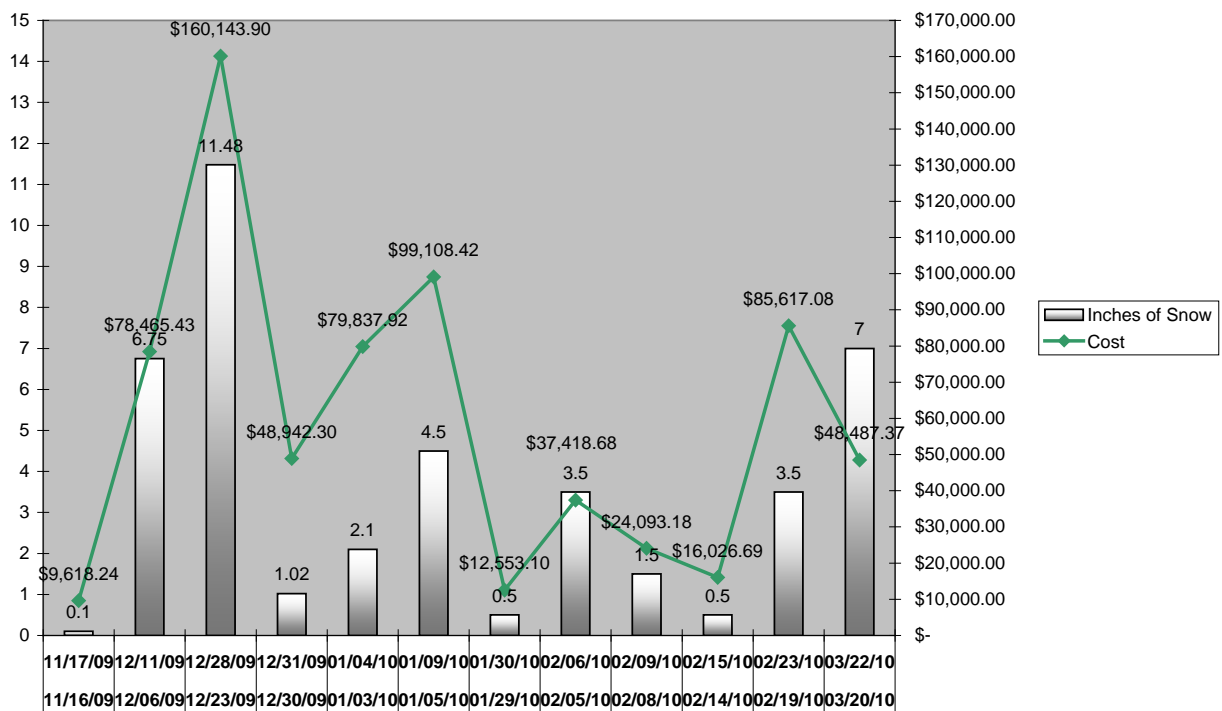
## City of Lawrence

### Public Works

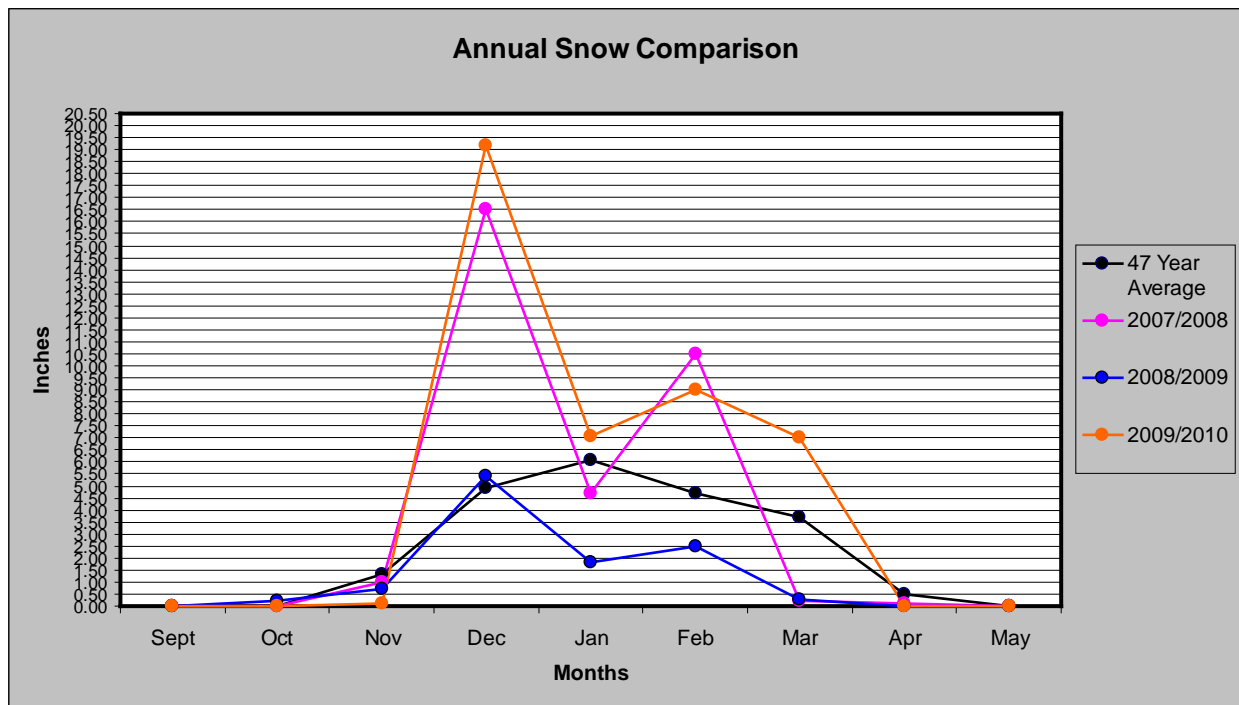
**TO:** David L. Corliss, City Manager  
**FROM:** Mark Thiel  
**CC:** Chuck Soules, Tom Orzulak  
**Date:** 4/14/2010  
**RE:** **Snow Operations – Season Summary 2009 / 2010 Season**

The 2009 / 2010 snow season was one of the worst in Lawrence's history. We had a total of 12 events that dumped a staggering 42.45 inches of snow breaking many state and local weather related records. Crews worked a total of 37 days managing these storms at a total cost of \$700,312.94 for manpower, material and equipment. Last year we had a total of 10 events with a snow total of 10.6 inches at a cost of \$300,062.84.

**Cost Comparison Vs. Snow Event  
2009 /2010 Season**



It is not an easy analysis to compare event cost to budget since this is not a program type item. The primary comparisons we use are for material consumption which has a direct correlation to a budget line item. Equipment and manpower has to be evaluated for standard time and overtime and whether an employee chooses to receive comp-time or overtime pay. The equipment rate charged is a per piece predetermined cost and, with the exception of additional fuel consumption and depreciation, these are pieces of equipment we have on hand for year round operations. The only equipment cost that is directly proportional to an actual event is contractor hired and rented.



We began the year with 4,000 tons of salt, 1,000 tons of sand and 4,500 ton of sand/salt mix. We have used 4,907 tons of salt and 3,714 tons of sand. We were able to manage resupply of materials as the winter progressed, and at no time during the season were we at risk of not having enough materials on hand. On an average winter season we would use about 3,000 tons of salt. We are in the process of resupplying our materials and equipment.

We put our equipment to the test this year and were able to keep up with each storm. The ingenuity of our maintenance staff and crews gave testament to their ability to perform, even in the most extreme conditions. Street Division crews worked 9,243 hours this year providing prompt, efficient snow / ice treatment services to our community. A sure sign of their dedication and loyalty to the city.

In summary, we have incurred a large amount of cost associated with the snow season. As the year progresses we will adjust our budgets accordingly. Potential reductions would come in street maintenance projects. Crews have performed professionally and we are ready to continue the same level of outstanding services to the residents of Lawrence.