

**VILLAGE OF DOWNERS GROVE**  
**REPORT FOR THE VILLAGE COUNCIL WORKSHOP**  
**APRIL 22, 2008 AGENDA**

SUBJECT:	TYPE:	SUBMITTED BY:
Change Order: Rock Salt	Resolution Ordinance ✓ Motion Discussion Only	Robin A. Weaver Interim Director of Public Works

**SYNOPSIS**

A motion is requested to authorize a change order for the purchase of rock salt for the 2007-08 winter season in the amount of \$19,677.65 for additional deicing materials needed in response to this year's extraordinary snowfall and adverse icy road conditions.

**STRATEGIC PLAN ALIGNMENT**

The Village's Strategic Plan identified the *Provision of Emergency Response* as one of the primary businesses of the Village of Downers Grove.

**FISCAL IMPACT**

The FY08 Municipal Budget includes \$170,000 for rock salt in the General Fund. The awarded amount of rock salt for the 2007-08 winter season was \$240,988.80. This change order will increase the contract amount \$19,677.65 to \$260,666.45 (8.17%). A budget amendment will be required as part of the year end budget process to reflect this change order by increasing expenditures thereby reducing the general fund cash reserve.

**RECOMMENDATION**

Approval on the May 6, 2008, consent agenda.

**BACKGROUND**

The Village's snow and ice control program relies upon rock salt for highway deicing, and during an average winter in which 36 inches of snow falls, approximately 4,800 tons of rock salt is used. This winter, 60 inches of snow fell. This is more than any winter in the past 20 years and two feet more than average. As a result, salt use was greater than average as well. In total, the Village purchased 6,749.52 tons of salt at the State Contract price of \$38.62 per ton representing the fourth highest amount of salt purchased over the last 20 years.

The winter of 1988-89 was the only other winter in the last 20 that the Village exceeded its 130% contract maximum with the State of Illinois. In that case, the Village was assessed a \$7,112.15 penalty for exceeding the contract maximum. There has been no indication of such a penalty this year. The proposed change order reflects purchases already made and received under this year's contract.

Historical Road Salt and Enhanced <sup>5</sup> Road Salt Usage (1987-2008)									
Winter Season	Rock Salt Purchased (Tons)	Rock Salt Unit Price	Rock Salt Price Extension	Enhanced Rock Salt Purchased (Tons)	Enhanced Rock Salt Unit Price	Enhanced Rock Salt Price Extension	Total Cost	Total Purchased (Tons)	Snow (Inches) <sup>1</sup>
1987/88	6,885.63	\$ 17.09	\$ 117,675.41	0.00	\$ -	\$ -	\$ 117,675.41	6,885.63	43.90
1988/89 <sup>2</sup>	7,150.35	\$ 20.72	\$ 155,267.44	0.00	\$ -	\$ -	\$ 155,267.44	7,150.35	34.20
1989/90	5,999.11	\$ 20.89	\$ 125,321.39	0.00	\$ -	\$ -	\$ 125,321.39	5,999.11	30.40
1990/91	5,669.69	\$ 21.22	\$ 120,310.84	0.00	\$ -	\$ -	\$ 120,310.84	5,669.69	26.90
1991/92	3,636.98	\$ 21.72	\$ 78,995.31	0.00	\$ -	\$ -	\$ 78,995.31	3,636.98	24.10
1992/93	4,082.14	\$ 21.72	\$ 88,664.10	0.00	\$ -	\$ -	\$ 88,664.10	4,082.14	48.30
1993/94	5,130.20	\$ 23.60	\$ 121,072.79	0.00	\$ -	\$ -	\$ 121,072.79	5,130.20	41.40
1994/95	3,034.35	\$ 23.35	\$ 70,852.07	0.00	\$ -	\$ -	\$ 70,852.07	3,034.35	17.30
1995/96	2,777.29	\$ 26.60	\$ 73,875.91	0.00	\$ -	\$ -	\$ 73,875.91	2,777.29	29.40
1996/97 <sup>3</sup>	4,126.90	\$ 26.94	\$ 110,982.76	0.00	\$ -	\$ -	\$ 110,982.76	4,126.90	39.60
1997/98	4,044.00	\$ 26.76	\$ 108,217.44	0.00	\$ -	\$ -	\$ 108,217.44	4,044.00	34.70
1998/99 <sup>4</sup>	3,832.81	\$ 26.65	\$ 101,769.81	0.00	\$ -	\$ -	\$ 101,769.81	3,832.81	53.40
1999/2000	4,315.68	\$ 24.56	\$ 105,993.10	0.00	\$ -	\$ -	\$ 105,993.10	4,315.68	30.40
2000/01	6,803.88	\$ 25.21	\$ 171,525.81	0.00	\$ -	\$ -	\$ 171,525.81	6,803.88	41.50
2001/02	4,955.65	\$ 29.44	\$ 145,894.34	0.00	\$ -	\$ -	\$ 145,894.34	4,955.65	32.10
2002/03	4,566.87	\$ 29.16	\$ 133,169.93	68.68	\$ 38.56	\$ 2,648.30	\$ 135,818.23	4,635.55	36.50
2003/04	4,466.63	\$ 29.16	\$ 130,246.93	543.15	\$ 38.56	\$ 20,943.86	\$ 151,190.79	5,009.78	24.20
2004/05	4,637.89	\$ 29.91	\$ 138,719.29	165.00	\$ 39.54	\$ 6,524.10	\$ 145,243.39	4,802.89	34.50
2005/06	3,227.33	\$ 33.23	\$ 107,244.18	0.00	\$ -	\$ -	\$ 107,244.18	3,227.33	26.00
2006/07	4,767.61	\$ 35.21	\$ 167,867.55	0.00	\$ -	\$ -	\$ 167,867.55	4,767.61	35.60
2007/08	6,749.52	\$ 38.62	\$ 260,666.46	0.00	\$ -	\$ -	\$ 260,666.46	6,749.52	60.30
<b>MIN.</b>	<b>2,777.29</b>	<b>17.09</b>	<b>70,852.07</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>70,852.07</b>	<b>2,777.29</b>	<b>17.30</b>
<b>MAX.</b>	<b>7,150.35</b>	<b>38.62</b>	<b>260,666.46</b>	<b>543.15</b>	<b>39.54</b>	<b>20,943.86</b>	<b>260,666.46</b>	<b>7,150.35</b>	<b>60.30</b>
<b>AVG.</b>	<b>4,802.88</b>	<b>26.27</b>	<b>125,444.42</b>	<b>38.84</b>	<b>38.89</b>	<b>10,038.75</b>	<b>126,878.53</b>	<b>4,839.87</b>	<b>35.46</b>
1	Source: Illinois State Water Survey - O'Hare Reporting Station								
2	Includes a \$7,112.15 penalty charge for overage in FY1988/89								
3	Liquidated damages reduced the total purchase by \$195.93 in 1996/97								
4	Liquidated damages reduced the total purchase by \$374.58 in 1998/99								
5	Enhanced road salt is rock salt pre-mixed with liquid magnesium chloride and corrosion inhibitor.								