

**Resolution 2004-07**

**CITY OF GRANT  
WASHINGTON COUNTY, MINNESOTA**

**A RESOLUTION OF THE CITY OF GRANT ADOPTING A DUST CONTROL  
POLICY FOR THE YEAR OF 2004**

WHEREAS, the City of Grant wishes to control and limit gravel loss from its gravel roads where high traffic conditions exist and reduce dust in these areas; and

WHEREAS, the City of Grant has been tracking its expenditures for gravel and maintenance on the roads, with and without dust control measures in the City of Grant, in order to determine the cost and benefits of dust control over the last year; and

WHEREAS, the cost benefit of dust control increases based upon the amount of traffic on a gravel road and the City benefits by not having to grade the road as often as it would have if the dust control had not been applied; and

WHEREAS, the City of Grant has determined that roads with greater than 100 cars per day are high traffic gravel roads and that minimal cost benefits are received by the City for dust control on gravel roads with traffic counts lower than 100 cars per day; and

WHEREAS, the City of Grant has determined that City participation in the cost of dust control along with the contributions of residents is a cost effective use of City road maintenance funds. The cost savings are a result of reduced grading costs and reduced loss of the fine particles, which bind the gravel together.

NOW THEREFORE BE IT RESOLVED that the City of Grant hereby adopts the **Dust Control Policy for 2004**, which is attachment A to this document.

BE IT FURTHER RESOLVED that the City shall mail a copy of the Dust Control Policy for 2004 to the community contacts that have participated in this program in the past. Notice of the Dust Control Policy for 2004 shall also be published on the website.

WHEREUPON, a vote, being taken upon the proposed resolution moved by Mr. Vanzwol and seconded by Mr. Gangnon the following members voted in favor: All.

And the following voted against: None.

Adopted by the City Council of the City of Grant this 6th day of April 2004.

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Thomas Carr, Mayor

ATTEST:

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Barbara Bartholdi, City Clerk

## Attachment A

### City of Grant Dust Control Policy for 2004 Adopted in Resolution 2004-XX April 6, 2004

Dust control benefits both the residents living along the road and also the City when applied to with high traffic gravel roads. The Grant City Council has determined that gravel roads with greater than 100 cars per day are high traffic gravel roads. The City of Grant will have savings on high traffic gravel roads due to decreased grading and reduced loss of fine particles that hold the road surface together. In addition, dust control benefits the residents by suppressing the nuisance dust and reducing potholes and wash boarding. Grant will also apply dust control to low volume residential roads when requested by residents but will not participate in the cost.

More traffic – more dust. More traffic – more City benefit by controlling the dust. Dust suppression is usually done by applying calcium chloride or magnesium chloride solutions. Both materials are hygroscopic which means that they attract moisture from the air to help keep the road surface damp.

The Grant City Council has adopted the following policy for dust control on gravel roads in 2004.

1. Magnesium chloride will be applied since it is about 20% lower cost than calcium chloride.
2. The City will contribute 50% of the cost for treatment of roads we determined to have 300 or more cars per day. Residents must pay to the City the first 50% prior to control being applied.
3. The City will contribute 25% of the cost for treatment of roads determined to have 100 to 299 cars per day. Residents must pay to the City the first 75% prior to control being applied.
4. The City will not contribute to the cost of treatment on roads with less than 100 cars per day. Residents must pay to the City 100% of the dust control cost prior to control being applied.
5. Cost of treatment in 2004 is \$1,856 per mile assuming an 18-foot wide application. Wider application is also available.
6. A list of all gravel roads in Grant with determined traffic volumes is available on the City web site or from the City Office.
7. Treatment must be applied between June 27, 2004 and August 1, 2004 to qualify for City cost sharing.
8. At least one half mile of road must be treated to qualify for City cost sharing unless the total road is less than one half mile or unless the road segment is part of a connecting road that is also being treated.
9. For residents wishing to make two applications in 2004, the City will contribute one-half of the usual contribution for each application. The treatment application date constraints are from May 31 through August 29, 2004.

Contact Rick Vanzwol at 426-2378 or by email at [rvanzwol@aol.com](mailto:rvanzwol@aol.com) for more information or to sign up for control on your road.