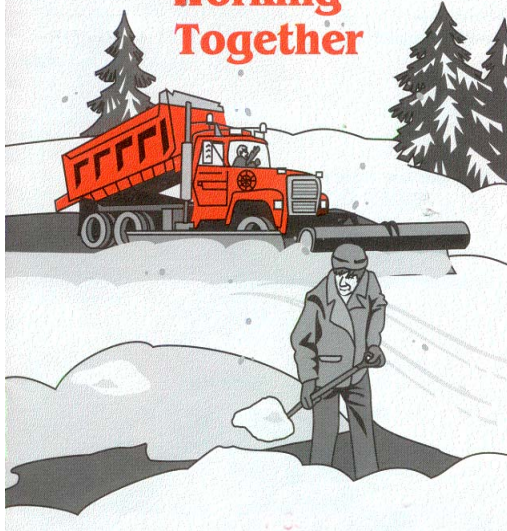


## CITY OF NEW ULM

### Snow and Ice Control

### City Employees and Residents Working Together



#### City Crews Need Your Help!

- ❖ Be prepared for winter driving and possible delays due to the weather.
- ❖ In the event of a significant snowfall, have your cars off the street if possible.
- ❖ Don't throw the snow from your driveway or sidewalk onto the street or alley, it's against the law.
- ❖ Don't crowd the plow, give them room to work.
- ❖ Be patient, plowing the whole City takes time.

## ICE CONTROL *A Continues Winter Battle*

Sanding trucks may work almost every day during a normal winter, sanding in force an average of 25 times per year. An ice control aggregate is spread on ice build-up and hard packed snow to increase traction and promote melting.

Ice Control Aggregate Mix	
Ingredient	Purpose
Sand	Provides traction on ice and hard packed snow.
Rock Salt 15% - 20%	Keeps sand from freezing in the stockpile and in the trucks. Promotes melting at intersections

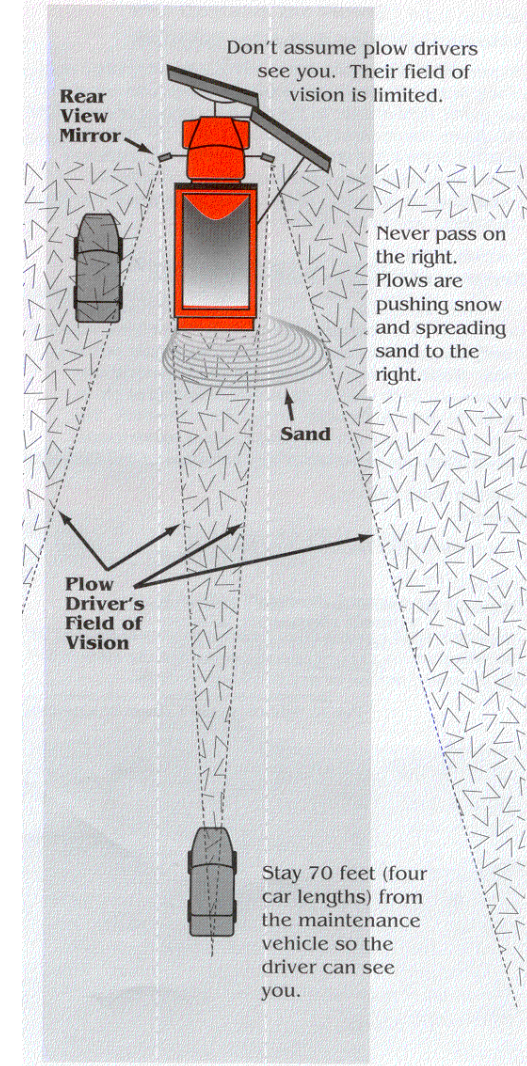
#### Why not use more salt if it works so well?

Salt is six times more expensive than sand. It's impact on the environment and automobiles keeps salt use to a minimum.

*The City uses an average of 2000 tons of Ice Control Aggregate Mix each year.*



## When You See a Snow Plow

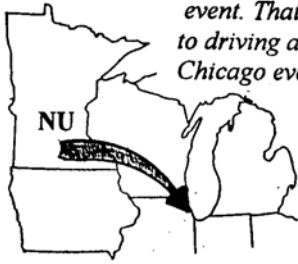


If you can't see the driver in the mirror, he can't see you!

Even though a street has been plowed and sanded, drive carefully, there still many be slippery spots.

Remember, plows back up frequently!

*Our crews push snow 360 miles during EVERY snow plowing event. That's equivalent to driving a snow plow to Chicago every time we plow.*



### **SNOW PLOWING** *A Monumental Effort*

Our City averages 42 inches of snow per year. City crews plow an average of 10 times each year.

- ❖ The Police Department monitors the weather during “off” hours and notifies the Street Department of snow or icy conditions.
- ❖ Operators are available 24 hours per day to handle snow, ice or other emergencies.
- ❖ Plowing generally begins at 4:00 a.m. to clear priority streets by morning rush hour.
- ❖ Plow routes are evenly distributed throughout the City to ensure the same level of service to everyone.

### **Who operates the plows?**

Street Department.....	14
Park Department.....	2
Equipment Maintenance.....	1
<b>TOTAL OPERATORS .....</b>	<b>17</b>

### **What equipment is used?**

Motor Graders (plows & wings) .....	2
Dump Trucks (plows & wings).....	3
Dump Trucks (plows only).....	3
Wheel Loader (plow & wing) .....	1
Wheel Loader (bucket).....	1
Hopper Sander (plow) .....	1
Skid Steer (bucket) .....	1
Sidewalk Snow Blowers.....	2
4x4 Pick-ups with Plows .....	3
<b>TOTAL EQUIPMENT.....</b>	<b>17</b>

### **PLOWING PROCEDURE**

- ❖ Priority streets are plowed first. When these are completed, no one is more than three blocks from a plowed street.
- ❖ East/West streets are done next (except on the hilltop, all streets are done simultaneously).
- ❖ North/South streets are plowed last. In most cases, the crews will have worked an 8 hour shift.

### **DOWNTOWN SNOW REMOVAL** *Cleaning up the Business District*

The day following City wide plowing, crews remove the snow from the downtown business district by loading and hauling it to a snow storage area. Following is a typical snow hauling schedule:

- ❖ 1:00 a.m. – Wheel loader and skid steer begin breaking apart snow piles and cleaning corners.
- ❖ 2:00 a.m. – Two motor graders begin to windrow snow into the center of the downtown streets.
- ❖ 4:00 a.m. – Snow blower and haul trucks begin loading and hauling snow out of downtown.
- ❖ 12:00 noon – Unless there was unusually heavy snow, downtown clean up is completed. All operators work an 8 hour shift.

### **DO**

- ❖ Watch for trucks hauling; there are many and may be coming from different directions.
- ❖ Drive carefully, the windrow may be gone but the icy surface may not be sanded yet.

### **DON'T**

- ❖ Don't park on a street until it has been completely cleaned up and the equipment has moved on. The crews and equipment need room to do their work.
- ❖ Don't try to “break through” a heavy windrow, it makes a mess to clean up and may damage your vehicle. Take an alternate route.

**DRIVE SAFELY THIS WINTER!**