

# **SANDING**

According to the steps outlined in Appendix B, the Streets Operations & Maintenance Division is limited to sanding in areas specified in the Air Pollution Control Board regulations for controlling ice and snow conditions as a means of reducing sanding material. The area in which sanding is limited includes all streets within the city limits lying outside the deicing zone, which is between and including I-90 on the north and SW Higgins and 39<sup>th</sup> Street on the south.

Sand application will begin as the streets begin to get slippery and vehicles have difficulty getting traction.

Sanding will begin with the Priority 1 streets unless an emergency request from the Police Desk is received. When such a request is made, the employees assigned to that area will proceed to sand/deice the location requested according to this section of the plan and then return to the priority system upon which they were working.

## **Curved Streets**

Sanding of curved streets will be limited to curves with advanced warning signs of the curve.

## **Intersections**

Sanding will be limited to intersections and approaches to intersections, approaches to school crosswalks, in front of schools and middle turning lanes, unless specifically requested to do otherwise by a Superintendent or the Police Department.

Intersections at traffic signals, major traveled intersections and school crosswalks will be done on the approach for a minimum of 200 feet.

Sanding at intersections of residential and non-major traveled intersections will be 50 to 100 feet of that approach depending on traffic volumes.

## **Hills**

1. Streets with steeper grades, such as Winter Assignment Areas A, B, H, I and J, will be effectively sanded and given greater attention.
2. Set sanders (adjustable sand baffle meter) at the Number 5 setting. A Superintendent must approve any changes to this setting.

## **Sanding in Deicing Zone**

If a Street Superintendent authorizes sanding of the designated City deicing zone per the requirements specified under Chapter 8, Rule 8.301(1) and 8.101(7) of the Fugitive Particulate regulation (Appendix B), the following procedures will be adhered to:

1. In all cases, the Street Superintendent on-call must be contacted prior to sanding the designated City deicing zone. If Superintendents are not available, the Deputy Director of Public Works-Streets must be contacted first.
2. Sand will be used only when the temperature is below 10° F.

3. Sanding will only be done on Priority 1 streets and intersections or in response to police officer requests.
4. Sand will be used on Railroad Street and N. 1<sup>st</sup> Street over the Orange Street underpass as well as the *Sx<sup>w</sup>ix<sup>w</sup>uytis Smxe*/Beartracks, Russell Street and Scott Street bridges.
5. East Broadway may be sanded from the 1300 block to Easy Street. This portion of East Broadway may be sanded without authorization from the Superintendent. The operator assigned to Area D may request sanding from the nearest sander unit when conditions are such that liquid deicer is ineffective. Conditions when sand use is merited may include one or a combination of the following:
  - a. excessive wind chill
  - b. heavy snow accumulation
  - c. excessive moisture on roadway and/or
  - d. ice accumulation