

Priorities Committee ADDENDUM TO AGENDA

FOR THE **FORTIETH MEETING** OF THE PRIORITIES COMMITTEE
TO BE HELD ON **WEDNESDAY, FEBRUARY 1, 2006 AT 7:00 P.M.**
IN THE **COUNCIL CHAMBER, TOM DAVIES SQUARE**

ADDENDUM (RESOLUTION PREPARED)

(Two-thirds Majority Required to Deal with the Addendum)

1. Declarations of Pecuniary Interest

PRESENTATIONS/DELEGATIONS

PAGE NO.

AD-1 Report dated 2006-02-01 from the General Manager of Infrastructure & Emergency Services regarding Winter Storm Update - January 29 and 30, 2006. **AD1 - AD3**
(ELECTRONIC PRESENTATION) (FOR INFORMATION ONLY)

- A. Stephen, General Manager of Infrastructure & Emergency Services

2006-02-01

**ANGIE HACHÉ
CITY CLERK**

**CORRIE-JO CAPORALE
COUNCIL SECRETARY**

Request for Recommendation Priorities Committee



Type of Decision

Meeting Date	February 1 st , 2006				Report Date	February 1 st , 2006			
Decision Requested		Yes	x	No	Priority	x	High		Low
	Direction Only				Type of Meeting	x	Open		Closed

Report Title

Winter Storm Update - January 29 and 30, 2006

Policy Implication & Budget Impact

This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified.

Recommendation

For information only.

Background Attached

Recommendation Continued

Recommended by the Department

Alan Stephen, General Manager
Infrastructure & Emergency Services

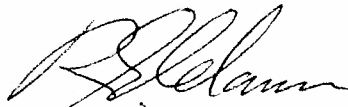
Recommended by the C.A.O.

Mark Mieto
Chief Administrative Officer

ADI

Date: February 1st, 2006

Report Prepared By



Greg Clausen
Director of Engineering

Division Review



Alan Stephen
General Manager, Infrastructure & Emergency Services

A storm was forecast to hit Sudbury on January 28 and 29, 2006 with an anticipated snowfall of approximately 15-20 cm falling over a 30 hour period.

The storm actually hit the city at 5:00 a.m. on Sunday, January 29, 2006. The storm finished approximately 6:00 a.m., Monday, January 30, 2006. A total accumulation of 37 cm was received. The storm hit in two waves, with the largest accumulation of snow occurring from mid-afternoon on Sunday through to Monday morning.

At 5:30 a.m., on Sunday, January 29, with 2.5 cm of snow accumulation and in accordance with (IAW) our Winter Operations Service Standard, we mobilized all arterial and collector route personnel. All 21 multi-plow/salt units were mobilized to service the arterial/collector roads (Class 1 to 3). These units remained in operation for the duration of the storm.

At 12:30 p.m., on Sunday, January 29, with 8 cm of snow accumulation and IAW our Winter Operations Service Standard, we mobilized all of the contractors and a portion of our rural and residential plow/sand crews. A decision was made to deploy fifty percent of our rural residential roads (Class 4 to 6) crews. That decision was based on the forecast of steady snowfall over the next 30 hour period. The decision to split the rural/residential crews into two shifts was to ensure that there were fresh crews available for the full duration of the storm. The aim was to have as many rural and residential areas open as possible to allow school buses and people to get to work on Monday morning.

The rural/residential crews were instructed to service the priority rural and primary residential roads across the city. With this deployment, the storm could be fought consistently throughout its total duration.

During the entire storm event, crews experienced slow progress due to several factors including heavy snow accumulation, bad visibility and on-street parking in residential areas. As the storm progressed, crews, who were assigned residential routes in addition to their arterial routes, were not able to shift from their arterial and collector roads onto their rural/residential routes due to the continuous snowfall. This is a critical challenge.

Based on our Winter Operations Service Standards to have all arterial/collector roads cleaned within 8 hours of the storm's completion and residential/rural roads open within 24 hours of completion of the storm, we were able to achieve our standards on approximately 3,500 km of our 3,600 km of roads.

We were, however, not successful in achieving our standards on approximately 115 km of roads. The majority of these roads were in residential areas, especially in the south and southeast section of the city. This resulted in approximately 294 complaints regarding road conditions.

Date: February 1st, 2006

The post-storm debriefings identified areas requiring immediate review. As part of our post-storm debriefing, and in conjunction with complaints that were received from Councillors and citizens, roads which were missed during the snow operations were identified and crews were dispatched to these areas as quickly as possible to correct these omissions.

To correct the challenges identified during this major storm, the following operational procedures will be implemented:

1. To provide continued/uninterrupted response to rural and residential roads beyond a 13 hour event, we will create:
 - a) an expanded pool of city employees from multiple departments who would be available for call-out;
 - b) a pool of part-time driver/operators who would be available for call out when City employees are not available;
 - c) investigate the implementation of a Collective Bargaining Agreement recognized "stand-by" system for weekend operations for all current winter operations employees;
2. We will expand the use of contractor operated equipment;
3. We will examine all arterial and collector routes with assigned residential and rural secondary routes and, where required, design new routes;
4. We will install Automated Vehicle Locating and Global Positioning Tracking Systems onboard all of our plows;
5. We will re-distribute our spare vehicles to ensure that there is an immediate vehicle replacement for any vehicle which will be off the road for more than a two-hour period;
6. We will establish a 24/7 vehicle repair program to ensure that our operations are not effected by vehicles awaiting repair;
7. We will investigate the expansion of our Public Works Dispatch/Call Centre hours of operation to go from 8:00 a.m. to 8:00 p.m. during storm periods;
8. We will continue to refine our current command, control and reporting systems;
9. We will enhance our communication strategy to ensure public service announcements are provided to the public during significant events.