

Review of City of Vaughan Response to April 14-15, 2018 Ice Storm

Finance, Audit and Administration Committee
June 6, 2018

Presented by:
Public Works
Corporate and Strategic Communications



Winter Maintenance in Vaughan



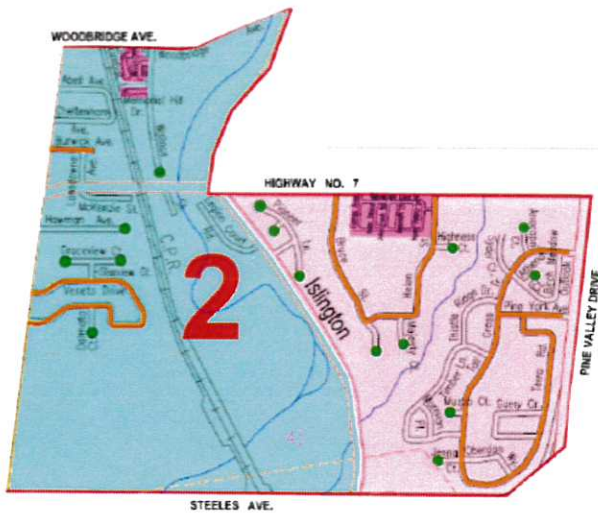
51 routes

48 routes

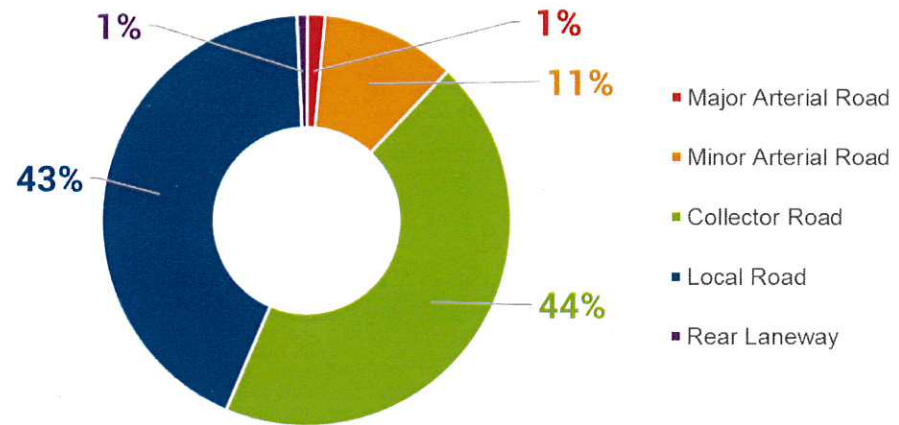
being completed by contractors

3 routes

being completed internally by the City



Vaughan has various types of roads



Shared Responsibility for Performance



City Staff

- Monitor weather forecasts & adjust strategy
- Hold regular coordination meetings before, during and after event
- Deploy contractor to execute response strategy
- Inspect and manage performance
- Keep public informed



Contractors

- Execute response strategy
- Conduct quality assurance protocol
- Receive & respond to deficiency reports
- Share feedback with City staff

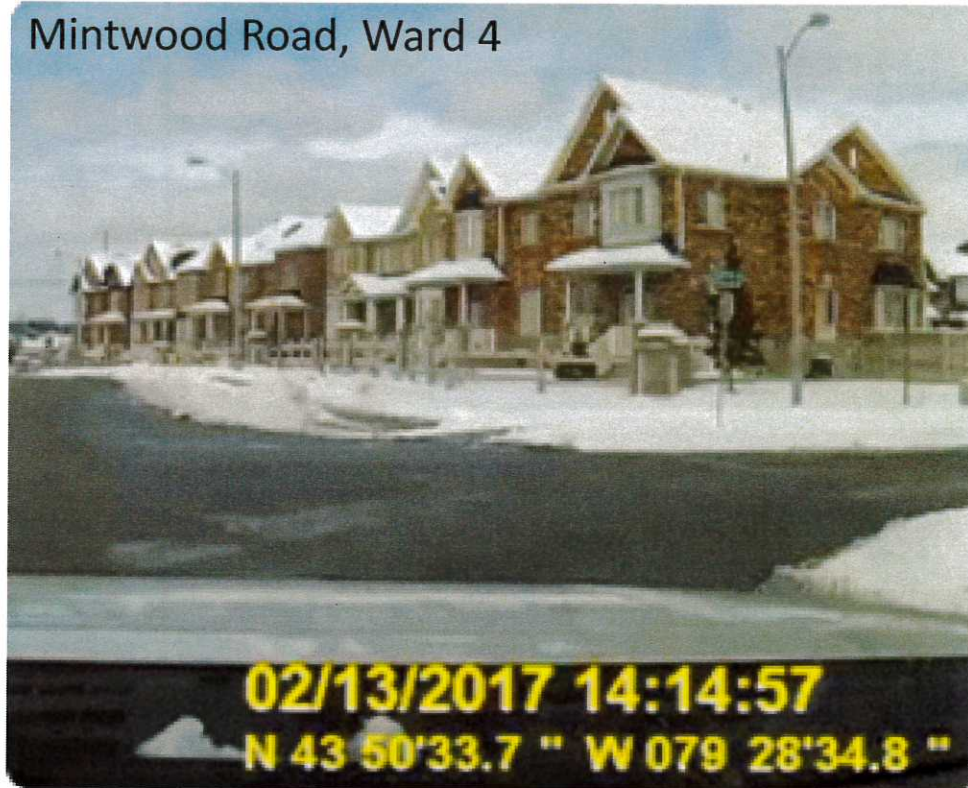
Quality Assurance



City staff collect the following data after each event:

- ✓ Salt distribution on the roads based on the spread rate on the vehicle
- ✓ GPS tracking on vehicles
- ✓ Salt usage tracked by the Loader Operator
- ✓ Quality Assurance Inspections

Mintwood Road, Ward 4



Preparation for Winter throughout the Off-Season

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER



**Mobilization
Initiation**



Contractor to
submit plans and
manuals



City to review
Contractor's plans
and manuals



Service area to
begin route
development



Contractor to
provide personnel
information and to
deliver service
equipment to
locations



Contractor to
provide organization
chart and to
continue delivery of
equipment



**Start of
winter season**

Preparing for the April Storm

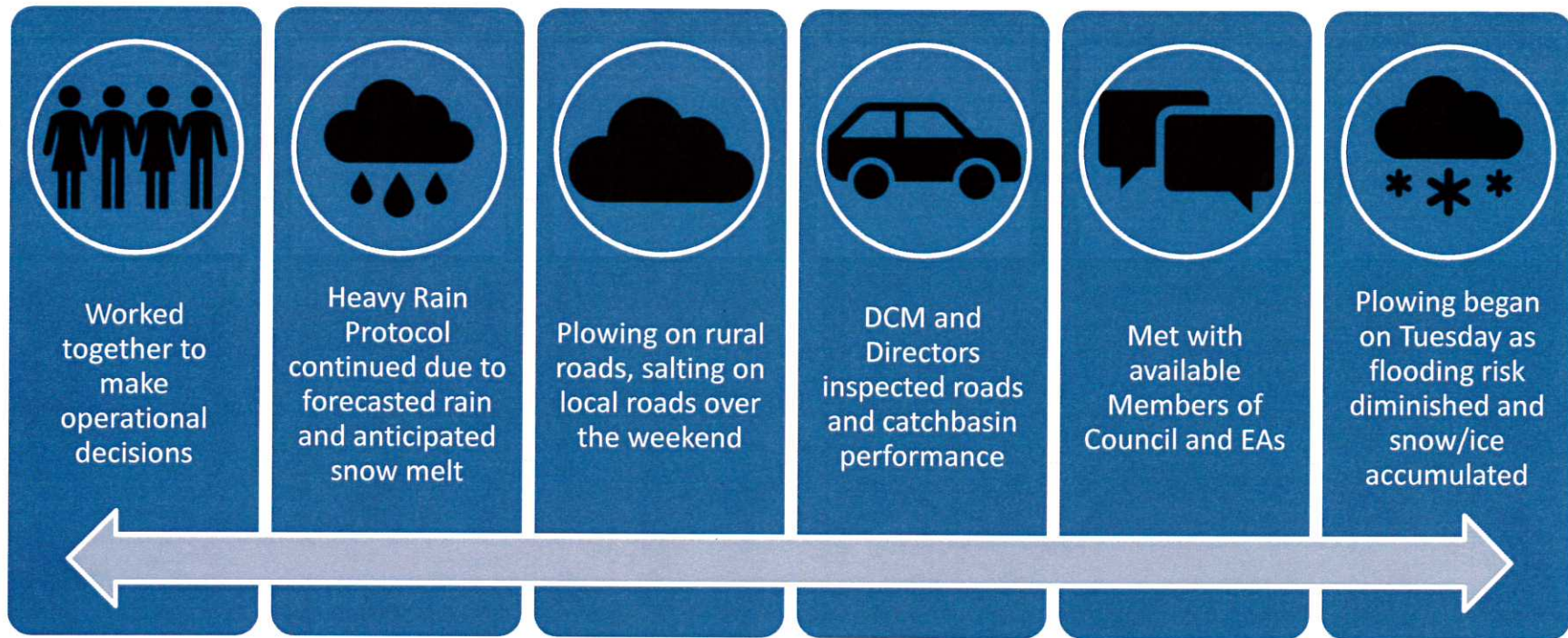
Freezing Rain

- Extend the winter maintenance contract for salting operations
- Check salt levels

Rain and Warm Temperatures

- Implemented the Heavy Rain Protocol
 - Clear catchbasins
 - Inspect water courses
 - Inspect ponds and inlets and outlets

Executing through the Unpredictable Storm



Corporate and Strategic Communications Support

 **10**
Council
communication
briefings

4
Visual
banners




132 NEW
Twitter
followers

61 NEW
 Facebook
page
likes



Continuous Improvement

1. Enhancing **communications** during extreme weather events.
2. Establishing **Public Works EOC**.
3. Consider updating the **Heavy Rain Protocol** to account for freezing rain.
4. Considering extending the winter maintenance **contract season**.
5. Reviewing **stand-by** procedures, roles & responsibilities.

