



REPORT TO: Mayor and Members of Council

PREPARED BY: Jonathon Graham, Deputy CAO/Director of Operations

DEPARTMENT: Infrastructure & Operations

DIVISION: Water, Wastewater, Drainage & Roads

MEETING DATE: Wednesday, February-06-19

SUBJECT: Infrastructure & Operations Monthly Report

RECOMMENDATION

That Council receives this report as information only.

EXECUTIVE SUMMARY

Infrastructure and Operations highlights to date include but are not limited to the following: Winter Operations defining Levels of Service, a secondary Building 2018 Year End Report, etc...

LINK TO STRATEGIC PRIORITIES

Leadership: To Create a Positive, Open Organizational Culture By Providing High Quality Public Services

Plans: To Support Robust Industrial, Commercial and Residential Growth By Developing A Safe And Secure Municipality

BACKGROUND

Municipal staff has prepared the following report to illustrate due diligence and transparency in regards to departmental highlights and achievements within the Infrastructure and Operations Division. Staff is prepared to discuss any and all identified projects if so desired.

DISCUSSION

1. Water & Drainage:

- Staff has been focusing on the 2018 work in progress installation of DrainTracker with significant undertakings completed in the last month.
- The Lauren’s Drain has been issued for tendering.
- Baseline water consumption/loss continues to be tabulated with a focus of correction pending the 2019 construction season and budget.
- In terms of the non-functioning water meters:
 - Out of roughly 2,300 meters, 113 or 5% have been determined to not be functioning correctly.
 - **60%** of this task has been completed to date with more scheduled in the near future.

2. Operations:

- Staff have assisted in two (2) water leak in this period.
- Two (2) burials have been completed in this period.
- Repairs to the Parkhill Shop have been completed.
- Generally Operations staff is invested primarily to “winter tasks.”
 - To this effect and for Council consideration please see the attached Winter Maintenance – Levels of Services below.

3. Building:

Please see February 6th 2018 Year End Building Report as presented for information

FINANCIAL

Not Applicable

ATTACHMENT

Winter Maintenance – Levels of Services



Prepared By: Jonathon Graham, Deputy CAO/Director of Operations

Reviewed By: Jonathon Graham, Deputy CAO/Director of Operations

Approved By: Nandini Syed, CAO/Director of Finance (Treasurer)


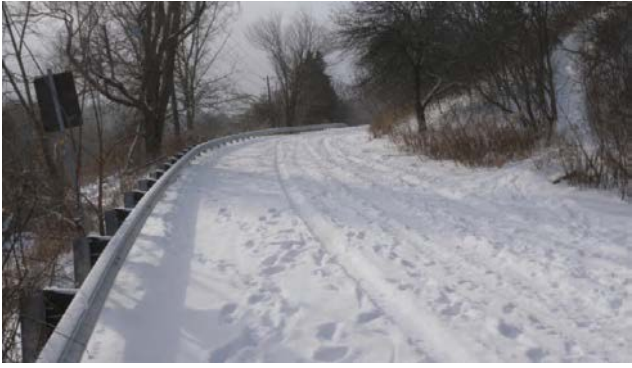


Snow Patrol/Snow Removal Levels of Services

Level of Service Statement	Condition Description	Road Performance			Performance Measurement As per O.REG 239/02		North Middlesex Standard
		Road Classification	Inspection Target	Call Condition	Action Item	Target	Performance
	<p>Road: small snow fall, possible or with ice accumulation.</p> <p>-</p> <p>Weather: overcast, below zero, light winds...</p>	Rural Gravel Road Low to high traffic Class 4 & 5	Every 3 days	<p>Outside Regular Hours</p> <p>1) Excessive ice accumulation</p> <p>2) Black Ice</p> <p>3) Large than usual Windrows</p>	Plow, Ice blade	<p>Snow CL4: 8cm within 16hr</p> <p>-</p> <p>Snow CL5: 10cm within 24hr</p> <p>-</p> <p>Ice Treatment CL4: Within 12hr</p> <p>-</p> <p>Ice Treatment CL5: Within 16hr</p> <p>-</p> <p>Ice Prevention CL4 & 5: Within 24hr</p>	Performance is to match the Target ; however, conditions are subject to change at any moment, as the Snow Patrol you are expected to use sound judgment and when in doubt send the call out.
	<p>Road: medium to large snow fall, no ice accumulation.</p> <p>-</p> <p>Weather: clear skies, below zero, light winds...</p>	Rural Gravel Road Low to high traffic Class 4 & 5	Every 3 days	<p>Outside Regular Hours</p> <p>1) Excessive snow above 8-10cm</p> <p>2) Large than usual Windrows</p>	Plow, Ice blade	<p>Snow CL4: 8cm within 16hr</p> <p>-</p> <p>Snow CL5: 10cm within 24hr</p>	Performance is to match the Target ; however, conditions are subject to change at any moment, as the Snow Patrol you are expected to use sound judgment and when in doubt send the call out.





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Level of Service Statement	Condition Description	Road Performance			Performance Measurement As per O.REG 239/02		North Middlesex Standard
		Road Classification	Inspection Target	Call Condition	Action Item	Target	Performance
	<p>Road: snow drifts, ice accumulation -</p> <p>Weather: overcast, below zero, zero visibility with winds...</p>	<p>Local Road Low to high traffic Class 3 & 4</p>	<p>Once a day</p>	<p>Outside Regular Hours 1) Excessive ice accumulation 2) Black Ice</p>	<p>"Light plow", Salt & Sand</p>	<p>Ice Treatment CL3: Within 8hr -</p> <p>Ice Treatment CL4: Within 12hr -</p> <p>Ice Prevention CL3: Within 16hr CL4: Within 24hr</p>	<p>Performance is to match the Target; however, conditions are subject to change at any moment, as the Snow Patrol you are expected to use sound judgment and when in doubt send the call out.</p>
	<p>Road: large to medium snow fall, no ice accumulation. -</p> <p>Weather: clear skies, below zero, light winds...</p>	<p>Local Road Low to high traffic Class 3 & 4</p>	<p>Once a day</p>	<p>Outside Regular Hours 1) Excessive snow above 8-10cm 2) Large than usual Windrows</p>	<p>Plow and Sand</p>	<p>Snow CL3: 8cm within 12hr -</p> <p>Snow CL4: 8cm within 16hr</p>	<p>Performance is to match the Target; however, conditions are subject to change at any moment, as the Snow Patrol you are expected to use sound judgment and when in doubt send the call out.</p>




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		Road Classification	Inspection Target	Call Condition	Action Item	Target	Performance
	<p>Road: ice accumulation -</p> <p>Weather: clear, within the range of zero..</p>	<p>Secondary Collector Low to high traffic Class 3 & 4</p>	<p>Once a day</p>	<p>Outside Regular Hours 1) Excessive ice accumulation 2) Black Ice</p>	<p>Salt & Sand</p>	<p>Ice Treatment CL3: Within 8hr -</p> <p>Ice Treatment CL4: Within 12hr -</p> <p>Ice Prevention CL3: Within 16hr CL4: Within 24hr</p>	<p>Performance is to match the Target; however, conditions are subject to change at any moment, as the Snow Patrol you are expected to use sound judgment and when in doubt send the call out.</p>
	<p>Road: large to medium snow fall, possible ice accumulation. -</p> <p>Weather: clear or overcast skies, below zero, light winds...</p>	<p>Secondary Collector Low to high traffic Class 3 & 4</p>	<p>Once a day</p>	<p>Outside Regular Hours 1) Excessive snow above 8cm 2) Large than usual Windrows 3) Excessive ice accumulation</p>	<p>Plow and Sand</p>	<p>Snow CL3: 8cm within 12hr -</p> <p>Snow CL4: 8cm within 16hr -</p> <p>For ice treatment see above.</p>	<p>Performance is to match the Target; however, conditions are subject to change at any moment, as the Snow Patrol you are expected to use sound judgment and when in doubt send the call out.</p>



Snow Patrol/Snow Removal Levels of Services

Level of Service Statement	Condition Description	Road Performance			Performance Measurement As per O.REG 239/02		North Middlesex Standard
		Road Classification	Inspection Target	Call Condition	Action Item	Target	Performance
	<p>Sidewalks with medium to large snow fall and/or ice accumulation.</p> <p>-</p> <p>Weather: clear or overcast skies, below zero, light winds...</p>	N/A	Once a day	<p>Outside Regular Hours</p> <p>1) Excessive snow above 8-10cm</p> <p>2) Large than usual Windrows</p> <p>3) Ice accumulation</p>	Plow, Sand & Salt	<p>Snow: 8cm within 12hr</p> <p>-</p> <p>Ice Treatment: Within 12hr</p> <p>-</p> <p>Ice Prevention: Within 16hr</p>	<p>Performance is to match the Target; however, conditions are subject to change at any moment, as the Snow Patrol you are expected to use sound judgment and when in doubt send the <u>call out.</u></p>