

Township of Southgate
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Staff Report PW2022-048

Title of Report: PW2022-048 Public Works Recommendation to Pulverize Road Sections Back to Gravel
Department: Public Works
Branch: Transportation & Public Safety
Council Date: October 5, 2022

Recommendation:

Be it resolved that Council receive Staff Report PW2022-048 for information; and
That Council approve the Public Works recommendation to pulverize Road Sections 121, 344, 346, 343 & 345 back to gravel.

Background:

Due to deteriorating pavement conditions and frequent pothole filling maintenance, staff are recommending pulverizing some road sections back to gravel before the winter freeze/thaw season for 2022/2023.

The road sections are 121 – Southgate Road 26 from Highway 10 to Southgate Sideroad 75, sections 344 & 346 - Southgate Road 04 from Grey County Road 14 to Southgate Sideroad 11 and sections 343 & 345 - Southgate Sideroad 11 from Highway 89 to Southgate Road 08.

Staff Comments:

With a tough winter/spring weather conditions in 2022, these road sections have had continual pavement patching applications and numerous public complaints of pothole road conditions.

Staff recommends that pulverizing these road sections back to gravel will help alleviate the continual maintenance challenges with freeze/thaw temperatures popping out the pavement patching with more manageable grading operations for the season.

Staff will include in the 2023 Capital Budget process the paving of Road Section 121 in 2023 and Road Sections 343 & 345 in the 2024 budget unless more funds are available during budget deliberations. Road Sections 344 & 346 would remain in gravel.

Financial Implications:

Operational savings of labour-intensive operations and wasted materials due to fluctuating weather patterns will help offset the pulverizing costs. Pulverizing quotes received for Southgate Road 26 is \$4,034.24, Southgate Road 04 is \$8,658.56 and Southgate Sideroad 11 is \$8,864.96, plus HST. Total pulverizing is \$21,557.76 plus HST.

The Operational Budgets for 2022 for labour, benefits and materials for pavement patching are \$115,884.00 with an actual at \$163,749.00, over budget \$47,865.00.

The gravel/calcium budget is \$208,592.00, with an actual of 193,262.00, under budget \$15,330.00.

The gravel/grading budget is \$52,725.00, with an actual of \$18,121.00, under budget \$34,604.

The gravel/calcium/grading budgets combined surplus is \$49,934.00 covering the current pavement patching overage.

The tree trimming budget is \$101,381.00, with an actual of \$29,226.00. With Unit 114 excavator fire, out of commission, this budget will be under including rental of some equipment for this fall brushing operations and will offset the pulverizing requirement costs and other operations.

Communications & Community Action Plan Impact:

Goal 5 - Upgrading our "Hard Services"

Action 5:

The residents and businesses of Southgate recognize our linear services - roads, bridges, water and sewer works, for example - to be a fundamental purpose of municipal government. This infrastructure needs to be serviceable and sustainable so that our businesses and communities can thrive and grow.

Concluding Comments:

Staff recommends that Council receive Staff Report PW2022-048 for information, and that Council approve the Public Works recommendation to pulverize Road Sections 121,344, 346, 343 & 345 back to gravel.

Respectfully Submitted,

Dept. Head: *Original Signed By*
Jim Ellis, Public Works Manager

Treasurer Approval: *Original Signed By*
William Gott, CPA, CA Treasurer

CAO Approval: *Original Signed By*
Dave Milliner, CAO

Attachments: