Local Municipal Forecast

OPAC Partners in Quality Road Tour
Kitchener
April 10, 2018
2018 Tonnage Survey
Survey - Background

• 2018 Municipal Asphalt Paving Tonnage Survey
  – Circulated to all Ontario municipalities (444)
  – 36 responses (8.1%)
    • North, 3
    • Southeast, 12
    • Southwest, 11
    • Central, 10
  – Survey was active for 15 days
    • 2018-03-26 to 2018-04-09
What is your municipality's expected 2018 asphalt tonnages?

**Southwest Zone**
- 397,810 T

**All Respondents**
- 1,231,267 T

401 ONTARIO
- x 1.29
- x 18,082

401 ONTARIO
- x 3.99
- x 55,967
Survey – Question 1

- Windsor: 35,000 T ↑
- Elgin County: 37,000 T
- County of Essex: 42,070 T ↓
- Middlesex County: 62,560 T ↑
- Erin: 25,000 T
- Huron County: 12,100 T
- Ingersoll: 6,000 T ↑
- Guelph: 30,000 T
- Region of Waterloo: 97,080 T ↓
- Oxford County: 25,000 T ↑
Survey – Question 2

How are your municipality’s pavement depths designed?

Southwest Zone

- Standard / Template: 8 (72.3%)
- Consultant: 3 (27.3%)
- Contractor: 0

All Respondents

- Standard / Template: 24 (66.6%)
- Consultant: 11 (30.6%)
- Contractor: 1 (2.8%)
What type of mix design is your municipality using?

**Southwest Zone**
- Marshall: 8 (72.7%)
- Superpave: 1 (9.1%), 2 (18.2%)

**All Respondents**
- Marshall: 25 (69.4%)
- Superpave: 2 (5.6%), 9 (5.6%)
Survey – Question 3b

What type of asphalt cement (AC) grade is your municipality using?

Zone 1: PGAC 52-34
- 58-34
- 52-34

Zone 2: PGAC 58-34
- 58-34
- 58H-34

Zone 3: PGAC 58-28
- 64-28
- 58-34
- 58-28
- MGAC 58-28

* The ABCs of PGAC
Survey – Question 4

As part of your municipality’s asphalt paving program do you conduct material testing?

Southwest Zone

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<th>Staff</th>
<th>Consultant</th>
<th>Contractor</th>
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<td>1 (9.1%)</td>
<td>4 (36.4%)</td>
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<td>1 (9.1%)</td>
<td>3 (27.3%)</td>
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<td>2 (18.1%)</td>
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All Respondents

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<td>1 (2.8%)</td>
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As part of your municipality’s current budget how much money is allocated to each of the following?

**Southwest Zone**
- Asphalt resurfacing: 56%
- New construction: 44%

**All Respondents**
- Asphalt resurfacing: 64%
- New construction: 36%
OAPC/OGRA Municipal HMA Liaison Committee
Origin

- The Municipal HMA Liaison Committee was established in 2010 as a partnership between Ontario Hot Mix Producers Association (OHMPA) and OGRA in response to requests from municipal staff for a committee to discuss municipal issues surrounding HMA.
Committee Makeup

Associations:

Cities:

Hamilton

Oshawa
Municipal HMA Liaison

Counties:

York Region
Region of Waterloo
Middlesex County
County of Peterborough
The Corporation of the County of Wellington
Committee Mandate

• Facilitate the development of Best Practice Guides.
• Provide/develop educational materials and program.
• Recommend updates to asphalt related Ontario Provincial Standard Specifications (OPSS) and Ontario Provincial Standard Drawings (OPSD).
2017 Highlights
2018 Initiatives

**Quality Assurance Subcommittee**

- Guidance for municipalities and contractors
2018 Initiatives

Contractor Work Subcommittee

- Finalized - Contractor Prequalification Document.
- Develop - Project Evaluation/Performance Sheet.
Education/Innovation Subcommittee

• Oversee – 2\textsuperscript{nd} Annual Municipal Paving Award.

• Develop – 2\textsuperscript{nd} Lunch and Learn Webinar Series.
  • Interpreting test results.
  • Pavement smoothness.
  • Pavement design.
  • Asphalt segregation.
Thank you

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