Local Municipal Forecast

OPAC Partners in Quality Road Tour
Mississauga
April 12, 2018
2018 Tonnage Survey
Survey - Background

- 2018 Municipal Asphalt Paving Tonnage Survey
  - Circulated to all Ontario municipalities (444)
  - 38 responses (8.6%)
    - North, 3
    - Southeast, 13
    - Southwest, 11
    - Central, 11
  - Survey was active for 15 days
    - 2018-03-26 to 2018-04-09
What is your municipality's expected 2018 asphalt tonnages?

Central Zone
532,810 T

All Respondents
1,248,267 T
Survey – Question 1

York Region: 170,000 T ↓

Niagara-on-the-Lake: 20,000 T

Oshawa: 550 T ↓

Town of Penetanguishene: 6,000 T ↑

Meaford: 7,800 T

TOWN OF THE BLUE MOUNTAINS: 2,000 T ↑

Municipality of Meaford: 7,800 T

Hamilton: 188,000 T ↑

Brock: 4,500 T ↑

Hamilton: 188,000 T ↑

Brampton.ca: 86,000 T

Southgate: 2,500 T
How are your municipality’s pavement depths designed?

**Central Zone**

- **Standard / Template**: 2 (18.2%)
- **Consultant**: 9 (81.8%)
- **Contractor**: 0

**All Respondents**

- **Standard / Template**: 26 (68.4%)
- **Consultant**: 11 (28.9%)
- **Contractor**: 1 (2.6%)
Survey – Question 3a

What type of mix design is your municipality using?

Central Zone
- Marshall: 9 (81.8%)
- Superpave: 1 (9.1%)

All Respondents
- Marshall: 25 (65.8%)
- Superpave: 9 (23.7%)
What type of asphalt cement (AC) grade is your municipality using?

Zone 1: PGAC 52-34
- 58-34
- 58-28
- 52-34

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

Zone 2: PGAC 58-34
- 58-34
- 58H-34
- 58-28

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

**Central Zone**

- **Staff**: 1 (9.1%)
- **Consultant**: 4 (36.3%)
- **Contractor**: 5 (45.5%)

**All Respondents**

- **Staff**: 1 (2.8%)
- **Consultant**: 17 (44.7%)
- **Contractor**: 14 (36.8%)
As part of your municipality’s current budget how much money is allocated to each of the following?

**Central Zone**
- Asphalt resurfacing: 58%
- New construction: 42%

**All Respondents**
- Asphalt resurfacing: 63%
- New construction: 37%
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
Counties:

York Region
Region of Waterloo
Middlesex County
County of Peterborough
The Corporation of the County of Wellington
Municipal HMA Liaison

Industry:

yellowline
asphalt products ltd.

DBA
Engineering Ltd.
Consulting Engineers

FERMAR
Paving Limited

CRH

The Miller Group
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
Contractor Work Subcommittee

- Finalized - Contractor Prequalification Document.
- Develop - Project Evaluation/Performance Sheet.
2018 Initiatives

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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