Local Municipal Forecast
Municipal Asphalt Paving

• 2017 Municipal Asphalt Paving Tonnage Survey
  – Circulated to all Ontario municipalities (444)
  – 54 responses (12%)
    • North, 8
    • South-East, 11
    • South-West, 14
    • Central, 8
  – Survey was active for 16 days
    • 2017-03-27 to 2017-04-11
Survey - Question 1

What is your municipality's expected 2017 asphalt tonnages?

Northern 87,400 T

All Respondents 1,562,925 T

401 ONTARIO

x 0.28  x 3,973  x 5.1  x 71,042
Survey - Question 2a

What type of mix design (Marshall or Superpave)?

Northern:
- Marshall: 3 (37.5%)
- Superpave: 3 (37.5%)
- Not Defined: 1 (12.5%)

All Respondents:
- Marshall: 31 (57.4%)
- Superpave: 14 (25.9%)
- Not Defined: 3 (5.6%)
Survey - Question 2b

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

Zone 1: PGAC 52-34
- 58-40  58-34
- 58-28  52-34

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

Zone 3: PGAC 58-28
- 70-28  64-28
- 58-28

* The ABCs of PGAC
Will your municipality be following the current version (November 2016) of OPSS.MUNI 1101?

**Northern**

- As Written: 4 (57.1%)
- With Mod: 2 (28.6%)
- No: 1 (14.3%)

**All Respondents**

- As Written: 28 (54.9%)
- With Mod: 15 (29.4%)
- No: 1 (15.7%)
Survey - Question 4a

Does your municipality utilize reclaimed asphalt pavement (RAP) in hot mix asphalt (HMA)?

Northern

- No: 63%
- Yes: 37%

All Respondents

- No: 28%
- Yes: 72%
Survey - Question 4b

If yes, what is the percentage?

**Northern**
- 30% (base)
- 20% (base)

**All Respondents**
- 20% (base), 15% (surface)
- 25% (base)
- 15% (base), 15% (surface)
- 30% (base), 30% (base)
- 20% (base)
- 10% (base)
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.
Municipal HMA Liaison

Committee Makeup

Associations:

- APC
- Working for Municipalities

Cities:

- Hamilton
- Oshawa

[Logo for Working for Municipalities]
Municipal HMA Liaison

Counties:

- County of Essex
- Middlesex County
- Niagara Region
- County of Peterborough
- York Region
- Region of Waterloo

Ontario Good Roads Association 2017
Municipal HMA Liaison

Industry: yellowline asphalt products ltd.
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 Initiatives

Quality Assurance Subcommittee

- Finalize - Payment Adjust for Borderline Material (OPSS 310).
- Develop - Contract Language for MGAC.

Draft OPS 310 Hot Mix - Acceptance and Price Adjustment Sheet

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<th>600 µm</th>
<th>75 µm</th>
<th>Air Voids (%)</th>
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Total Adjustment Points | Payment Reduction Factor | Total Price Adjustment Points | Payment Factor
------------------------|--------------------------|------------------------------|------------------|
Equal to 0              | N/A                      | 5.80                         | 97.1%            |
Less than or equal to 20| P 0.025                  |                              |                  |
Greater than 20         | (0.03") - 0.5           |                              |                  |
Greater than 30         | Rejectable               |                              |                  |
2017 Initiatives

Contractor Work Subcommittee

• Finalize - Contractor Prequalification Document.
  • Undergoing review by ORBA.
• Develop - Project Evaluation/Performance Sheet.
Education/Innovation Subcommittee

• Develop - Technical information to help municipalities deal with HMA Quality.
  • Asphalt Paving.
  • Asphalt Plants.
  • Asphalt Sampling/Testing.
  • Asphalt Plant/Paving Inspection (April 24th).
  • Asphalt Cement (May 15th).
• Creation - Municipal Paving Project of the Year.
  • Joint submission by municipality and contractor.
Thank you

Alan Korell, P.Eng.
Executive Director
Municipal Engineers Association (MEA)
alan.korell@municipalengineers.on.ca