

March 4, 2019

## 2019 Construction Specification Bulletin

### RE: Hot Mix Asphaltic Concrete Paving

For the 2019 construction season, in addition to the current asphaltic concrete mix requirements laid out in Strathcona County's Design & Construction Standards, Strathcona County will allow the use of the City of Edmonton's Superpave Gyrotory Compactor (SGC) mixes (SGC 20mm-Base, SGC 10mm-HT, and SGC 10mm-LT), based on the following equivalency chart.

All City of Edmonton specifications relevant to SGC Hot Mix Asphalt Concrete including submittals, testing, and reporting protocols will apply. Refer to *Volume 2* of the [City of Edmonton's Design & Construction Standards](#) for more information.

Please note that this bulletin is subject to change.

#### ASPHALT THICKNESS EQUIVALENCY CHART

Road Classification	20mm Granular Base Course * <sup>1</sup>	SC Minimum Pavement Structure, as in 2011 Design Standards (mm) * <sup>2</sup>		COE SGC Equivalent (mm) * <sup>3</sup>	
		Base (Lower / Upper)	Surface	Base (Lower / Upper)	Surface
<b><u>LOCAL</u></b>					
Lane (Paved)	150	--	100 ACR or ACO	--	100 10mm-LT
Residential Cul-de-sac	150	75 Type III	40 ACR or ACO	75 10mm-LT	40 10mm-LT
Residential	150	75 Type III	40 ACR or ACO	75 10mm-LT	40 10mm-LT
Industrial/Business Commercial	200	100 Type III	50 ACO	100 10mm-LT	50 10mm-HT
<b><u>COLLECTOR</u></b>					
Minor Residential	150	100 Type III	50 ACO	100 10mm-LT	50 10mm-LT
Major Residential	200	100 Type III	50 ACO	100 10mm-LT	50 10mm-HT
Industrial/Business Commercial	280	200 Type III	50 ACO	150 20mm-B / 50mm-LT	50 10mm-HT
<b><u>ARTERIAL</u></b>					
New Minor Divided	300	95 ACB / 40 ACO	40 ACO	95 20mm-B / 40 10mm-HT	40 10mm-HT
New Major Divided	300	95 ACB / 40 ACO	40 ACO	95 20mm-B / 40 10mm-HT	40 10mm-HT

**NOTES:**

\*<sup>1</sup> 20mm Granular Base Course is required as specified, regardless of type of asphalt mix.

\*<sup>2</sup> Refer to [Volume 1, Section 4.1 of the Strathcona County Design & Construction Standards](#) for more information.

\*<sup>3</sup> Based on City of Edmonton Construction Specifications, Section 02066, SGC Hot-Mix Asphalt Concrete.

If you have any questions regarding this bulletin, please contact:

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