

INTERESTED IN GIVING RECYCLED ASPHALT PAVEMENT A TRY?

READ THIS TO LEARN MORE

The use of Recycled Asphalt Pavement (RAP) is allowed and encouraged in the construction of new roadways and pavements in Minnesota. Its use reduces cost and environmental impacts of road construction by reusing existing asphalt pavement. The document "Synopsis of Recycled Asphalt Pavement" was developed as a reference for local agencies that have minimal knowledge of incorporating RAP material into new asphalt and would like to understand more. This document helps new RAP users understand:

- Minnesota Specifications
- The Findings from RAP Use Surveys in MN and Nationwide
- National Trends
- Resources to learn more

Download the full document here:

http://www.lrrb.org/pdf/2016RIC08.pdf







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MINNESOTA SPECIFICATION

Minnesota Department of Transportation specifications for plant mixed asphalt pavement is intended to maximize the use of RAP material without compromising the performance and durability of the constructed asphalt pavement. MnDOT initially began incorporating RAP into plant mixed asphalt nearly 40 years ago and has maintaince



Transmissing subscription with an advance of the Card Minister count During production of asphalt mixtures, RAP material is introduced into heated virgin aggregate. MnDOT specification controls the amount of RAP that may be included in an asphalt mixture based on the ratio of new added agarbait binder to tatal asphalt tinder in the mixture. Ratios listed in Table 2380-8, excerpted below from the MADOT Specification 2380, represent the minimum proportion of binder in the asphalt mixture that must be wigrim material. (i.e. For PG 58-34) non-water course a minimum d180% of the total binder content must be from virgin material. (i.e. For PG 58-34) 23% of the total binder in the asphalt mixture to derive from the RAP material.)

Testing requirements to meet MnDOT construction specifications include extraction of the asphalt binder material to determine the total asphalt binder content telal asphilt content of the instance is compared to vir gran spatie binder added to the instance. An outcardout of the asphalt mixtures is required to determine the to tal asphilt binder added to is. Instance. The amount of virgin asphalt binder added is. Instance of the asphalt binder added to the mixture is divided by the total extracted asphalt binder content, the neulurated against the allowable percentages shown in Table 2380-8 of the MnDDT 2016 Edition of the Standard Specifications for Construction. Check for updated versions of this specification: http://www.check.com/ asphilt.com/ table added to the mixture is advised by the standard Specifications for Construction. Check for updated versions of this specification: http://www.check.com/ asphilt.com/ advised by the instance of table main advised by the specification table main advised in the specification is the standard Specification in table 2380-8 of the specification: http://www.check.com/ advised by the standard Specification in table 2380-8 of the specification is the specification table main advised by the specification is the specification table main advised by the specification of table main advised by the specification of table main advised by the specification table main advised by the specification of table main advised by the specification of table main advised by the specification advised by the specificati

Synopsis of Recycled Asphalt Pavement (RAP) Materia

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