عنوان فارسی مقاله:
تاثیر اضافه کردن موی انسان بر روی مقاومت فشاری مخلوط بتن آسفالتی

عنوان انگلیسی مقاله:
Effects of Human Hair Additives in Compressive Strength of Asphalt Cement Mixture

توجه!
این فایل تنها قسمتی از ترجمه می‌باشد. برای تهیه مقاله ترجمه شده کامل
با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک نمایید.
5. Conclusions

It is also concluded that the varying condition on road pavements greatly affects the strength of asphalt mixture. Another thing is that the addition of hair to the asphalt cement mixture greatly improves its capability to bear more loads applied to it. Additional hair must range from 2% to 6% by mass of bitumen or else the mixture would have lesser bond and becomes unstable. Moreover, the properties of asphalt pavement with hair is suitable to road pavement, the hair becomes the additional binder, which exhibits superior resistance to both deformation and fatigue. The asphalt should be mixed and slightly cooled to avoid the awful odor of burnt hair. To meet the desired mixture, reduce the size of the hair waste into smaller one. It is also recommended to increase the percentage of asphalt content. The source of aggregates must be in good quality. It is recommended to use a good type of asphalt in terms of its size and shape. The required temperature must be strictly observed. Moreover, it should be tried not only to horizontal construction but also in vertical construction. Finally, the researcher recommend that further studies be made about this subject to better improve on the product.