

Using of Al-Bishri Asphalt in Bituminous mixtures¹

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Abstract

The research tries to cover the design of bitumen mixtures made from Al-Besherry natural asphalt by adding Euphrates gravels or lime stones found in the same area. This is done in order to achieve a good quality regarding stability and flow and to be used in vital low-cost roads in the eastern areas of Syria. This can also be applied to third grade and fourth grade roads as they are immensely economic because of the use of cheap, local material that is found in ample quantities.

¹ For the paper in Arabic see pages (95 –117).

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