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Main flexible pavement and mix design methods in Europe and challenges for the development of an European method

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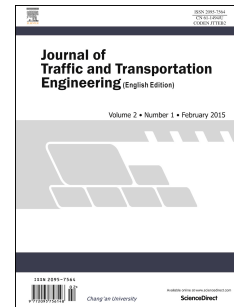
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1 Reviews

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4 **methods in Europe and challenges for the**
5 **development of an European method**

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11 **Highlights**

- 12 • This article analyzes the main flexible pavement design methods in use in Europe.
- 13 • This article analyzes the main asphalt mix design methods in use in Europe.
- 14 • This article presents the recent developments related with pavement design.
- 15 • This article discusses the main challenges for the development of a pavement design method.

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18 **Abstract**

19 Pavement and mix design represent one of the key components within the life cycle of a
20 road infrastructure, with links to political, economic, technical, societal and environmental
21 issues. Recent researches related to the characteristics of materials and associated
22 behavior models both for materials and pavement, made it appropriate to consider
23 updating current pavement design methods, and especially in the USA this has already
24 been in process while in Europe uses of the methods developed in the early 1970s. Thus,

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