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NATIONAL STANDARD OF THE
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GB/T 920-2023

Replacing GB/T 920-2002

Code for highway pavement classification and type

公路路面等级与面层类型代码

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Foreword

This document was drafted in accordance with the provisions of GB/T 1.1-2020 *Directives for standardization - Part 1: Rules for the structure and drafting of standardizing documents*.

This document replaces GB/T 920-2002 *Code for classification and type of highway pavement*. Compared with GB/T 920-2002, except for the structural adjustment and editorial revisions, the main technical changes are as follows:

- a) The terms and definitions, such as “pavement”, “surface course”, “hot mix asphalt surface course”, “cement concrete surface course”, “surface dressing”, “penetration macadam surface course”, “block surface course” and “gravel surface course”, are added (see 3.1~3.8);
- b) The classifications of pavement grades and surface course types are changed (see Chapter 4; see Chapter 3 of the 2002 edition);
- c) The code structure is changed (see Chapter 5; see Chapter 4 of the 2002 edition);
- d) The code of the pavement grade and the code of the surface course type are changed (see Chapter 6; see Chapter 5 of the 2002 edition).

Please note that some of the contents of this document may involve patents. The issuing agency of this document is not responsible for identifying patents.

This document was proposed by and shall be under the jurisdiction of the National Technical Committee on Traffic Engineering Facilities (Highway) of Standardization Administration of China (SAC/TC223).

Drafting organizations of this document: CCCC Highway Consultants Co., Ltd., Research Institute of Highway Ministry of Transport, Beijing Road Engineering Quality Supervision Station, Henan Communications Planning and Design Institute Co., Ltd.

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This document was first published in 1989 and revised for the first time in 2002; this is the second revision.

Code for highway pavement classification and type

1 Scope

This document specifies the division principles, coding methods, and codes of highway pavement grades and surface course types.

This document applies to the processing and exchange of information on highway pavement grades and surface course types.

2 Normative references

The following documents contain the provisions which, through normative reference in this document, constitute the essential provisions of this document. For the dated referenced documents, only the versions with the indicated dates are applicable to this document; for the undated referenced documents, only the latest version (including all the amendments) is applicable to this document.

GB/T 917 Mark rules of highway route and number of national trunk highway

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 pavement

It is a layered structure that is made by paving road construction materials on the roadbed and used for vehicles to drive directly on its surface, and directly bears the load of vehicles.

3.2 surface course

It is a pavement structural layer that directly bears the vehicle load and the influence of natural factors, and transmits the load to the roadbed.

3.3 hot mix asphalt surface course

A surface course that is paved with asphalt concrete mixture.

3.4 cement concrete surface course

A surface course that is paved with cement concrete (reinforced or unreinforced).

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