

ICS 07.060
CCS A 47



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 46252-2025

**Specification for identification of high-impact sections of road
icing**

道路结冰高影响路段排查规范

Issued on: October 5, 2025

Implemented on: May 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents". Drafting.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the China Meteorological Administration.

This document is under the jurisdiction of the National Meteorological Disaster Prevention and Mitigation Standardization Technical Committee (SAC/TC345).

This document was drafted by: Nanjing Meteorological Science and Technology Innovation Research Institute, Road Traffic Safety Research Center of the Ministry of Public Security, and Road Network Monitoring Center of the Ministry of Transport.

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Road Icing High-Impact Section Investigation Standards

1 Scope

This document specifies the procedures for identifying high-impact road sections due to road icing, including the required data collection, direct assessment, comprehensive assessment, and result summarization.

The question describes the corresponding verification method.

This document applies to the investigation of high-impact road sections caused by road icing on highways; ordinary roads can refer to it for reference.

2 Normative references

GB/T 46251-2025

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Road icing

The road surface is in a state of ice, frost, snow, or a mixture of ice and snow.

3.2 Number of freezing days

Using 20.00 Beijing time as the day boundary, a day with an average daily temperature of 1°C or less, a minimum daily temperature of 0°C or less, and precipitation is considered a valid day. Number of days.

3.3 Number of frost days

The number of days with frost observed is determined by taking 20.00 Beijing time as the dividing line.

3.4 Traffic volume

The number of vehicles or pedestrians passing through a certain section of a road per unit of time.

[Source. GB/T 31418-2015, 2.2.3]

4 Investigation Process

The investigation of road sections highly affected by road icing should begin with data collection, followed by direct or comprehensive assessment, and finally, a summary of the investigation results.

The determination should be based on the results of road icing risk assessment and disaster prevention and mitigation capacity assessment to identify high-impact road sections due to road icing. Figure 1 specifies...

Procedure for identifying road sections with high impact from road icing.