

最小限のインフラで最大級の効果を発揮する雪害対策の確立 - 北陸新幹線、富山・石川県内-

Establishment of Snow Damage Measures to Show the Biggest Effect with Minimum Infrastructure

-The Hokuriku Shinkansen, Toyama, the Ishikawa prefecture-

(独) 鉄道建設·運輸施設整備支援機構 Japan Railway Construction, Transport and Technology Agency (JRTT)

概要

最小限のインフラで最大級の効果を発揮する 雪害対策の確立は、土木技術の発展に貢献し、 社会・経済の発展に寄与すると評価された。

Summary

The area with rare heavy snow and heavy snowfall along Hokuriku Shinkansen, the method was established with five types of newly designed snow storage viaducts and a snowplow car. It achieved to reduce construction cost and developed countermeasures against snow damage with low energy consumption.

After the opening of business, train services have kept normal without a transportation disorder caused by the snow damage.

The establishment of method was highly regarded with its contribution to the development of the civil engineering technology, as well as to the development of society and economy.