

Test survey about wintertime road surface control level formulation

[Point]

In the case with winter road in snowy cold region, there is no clear winter road management standard that corresponded to weather as well as traffic condition. There are cases in which road surface conditions are different in each management region, regardless of the same line. Therefore, it is necessary to set up management standard in common and create management index, in order to ensure safe and smooth winter road traffic.

In this report, index of winter road management was studied from the existing information and the route selection condition at the time of snow-cover, and slippage friction coefficient of snow ice road surface was paid attention. Necessary factors of observation upon conducting road management, and prediction method of road surface slippage friction coefficient, were studied from the road surface conditions, the weather conditions, and the on-site measurement results of snow ice road surface slippage friction coefficient.

Keywords: snow ice road surface, management index, road surface classification, slippage friction coefficient