

The Development of The Plan Support System to Decide A Position of The Road Traffic Information to Provide It Suitably

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1999 Fiscal Year Final Research Report Summary

The Development of The Plan Support System to Decide A Position of The Road Traffic Information to Provide It Suitably

Research Project

Project/Area Number

10555183

Research Category

Grant-in-Aid for Scientific Research (B)

Allocation Type

Single-year Grants

Section

展開研究

Research Field

交通工学・国土計画

Research Institution

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traffic closure information / travel time information / Drivers Parking Behavior / Parking Guidance and Information System. / PGI Message Board / offering points of traffic closure information / Dynamic Traffic Simulation Model / 駐車場案内システム

Research Abstract

The development of three basic systems and the application of each system were examined. The first system is the model which a position of the road traffic information to provide it suitably is decided as. The second system is the model which the line(link) to do the most suitable traffic restriction at the disaster is decided as. The third system is the model to predict what kind of corresponding behavior for a driver to take by the traffic information offer.

The continuation time of traffic regulation of the emergency at the expressway was investigated concretely, and how to predict the regulation time by the cause of the suspension of traffic was developed. The application of the traffic behavior prediction model that it is predicted what kind of corresponding behavior a driver takes by information on the traffic suspension, the traffic congestion and the guidance information of parking lot was examined. As for a position of the guidance information about the parking lot to provide it suitably, the system to decide the most suitable position of an offer with investigating the use conditions of the actual parking lot guidance system was developed.

On the other hand, how to select the line which should do traffic restriction from the running time reliability of the fire engine was developed.

Research Products (18 results)

All	Other
All	Publications

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