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Intelligent Transportation Systems : The Maine Way to the Twenty-First Century, 2003

Maine Department of Transportation

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The new keys to the highway

The prospect of interconnecting Maine's ITS initiatives is very exciting. Imagine a network providing continual feedback on traffic flow, road conditions, driver information and more. In an arena where success is tied to highly efficient transportation and delivery services, the power of this extensive integrated system will offer a whole new set of tools to transportation professionals and businesses:

- Local, state, and national government agencies
- Local, state, and national transportation professionals
- Economic development professionals
- Tourism industry professionals
- Emergency service professionals
- Law enforcement professionals
- Transit professionals from freight, port and airport industries
- Municipal officials
- Local chambers of commerce
- Citizen and advocacy groups interested in transportation issues



16 State House Station
Augusta, ME 04333
1-800-380-7822
www.maine.gov/mdot

MaineDOT is grateful
for the support of the
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Intelligent
Transportation
Systems

The Maine Way
To The
Twenty-First
Century

The importance of Maine's transportation infrastructure goes without saying. But in this new century, we're confronted with the task of making this vital network run more smoothly. More efficiently. More effectively.

Maine's Department of Transportation (MaineDOT) is pursuing a number of technological innovations designed to streamline the movement of people and goods, strengthen the capabilities of our public safety systems and point the way to more improvements tomorrow.

Intelligent Transportation Systems (ITS)

MaineDOT has begun to coordinate and integrate existing and anticipated computer and communication technologies within Maine's total transportation network. These Intelligent Transportation Systems or ITS will speed the transfer of information to a broad audience, bringing improved mobility, safety, air quality and productivity.

The elements of ITS

Today, Maine has many systems at work to ensure the safety and efficiency of the state's roadways. These are the elements that will be woven together to form robust Intelligent Transportation Systems — information technology and real-time

data that will help keep Maine people and businesses on the move.

••• **I-295 and Route One:** Highway advisory radio, variable message signs, and incident management are being considered for these corridors.

••• **511 System:** Travel information via telephone about highway traffic, weather forecasts, road conditions, construction delays, tourism information and more.

••• **Roadway Weather Information Stations:** A system designed to inform highway crews and the public about road conditions as well as snow and ice control data.

••• **Intersection Collision Avoidance Systems:** A dynamic sign system warning drivers of approaching cross traffic at points of limited visibility.

••• **Commercial Vehicles:** A new data base system that allows Maine State Police to access commercial vehicle credential information on a 24-hour basis in the field. Another system will allow more efficient routing of oversized vehicles.

••• **Multi-Modal Electronic Payments System Feasibility Study:** Exploring the opportunities presented by an integrated electronic payment system comprising several modes of transportation.

••• **Acadia National Park USDOT Field Operational Test:** A joint project

demonstrating ITS technologies to relieve traffic on Mount Desert Island and encourage public transportation use of the Island Explorer Shuttle.

••• **GPCOG ITS Early Deployment Plan:** Along with an architectural plan for public transportation, the Greater Portland Council of Governments has completed a business plan giving automated transit systems a top priority.

••• **On the Maine Turnpike:** Electronic toll collection, highway advisory radio, and variable message signs to announce Amber Alerts, weather updates, or traffic delays.

An open road of opportunity

Each step toward a smarter, more reliable and more efficient transportation system is a step toward a more prosperous future for Maine. All of Maine's citizens, Maine's visitors, and the millions of people who buy Maine's products have a valuable stake in that future.

A comprehensive ITS program is an essential part of your future.

For more information on MaineDOT's ITS initiative and how you can access this new info-tech resource or get involved in its growth, contact MaineDOT at 1-800-380-7822 or visit our website at www.maine.gov/mdot.