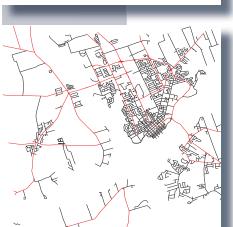# GeoBase

PEI Department of Transportation uses the NRN

The province of PEI is a keen GeoBase partner and user of the NRN.

The province of Prince Edward Island has adopted the GeoBase National Road Network (NRN), produced by NRCan's Geomatics for the Sustainable Development of Natural Resources program, as its official provincial road network. The advantages to PEI are many: by working within the national framework of GeoBase, PEI can share in the experience and technical expertise of other GeoBase partners; the province can immediately use the NRN data set for provincial projects such a winter snow removal and sanding operations; and the province can benefit from the other GeoBase data sets which are completely aligned with the NRN.

PEI GIS analyst Dan MacDonald says,

"The Prince Edward Island Department of Transportation and Public Works was an early partner in the National Road Network project. Being a small jurisdiction, the Department saw the benefit of participating in a nation wide initiative where we could share our experiences and gain from a wide range of technical and administrative expertise.

The Department has adopted the NRN as its GIS road centreline since January 2003. Asset and network data residing on a previous centreline are being transferred and new mapping projects are now under way. Winter maintenance mapping is one project that has been completed with much of the Department's snow removal and sanding information now mapped using the NRN.

The National Road Network is becoming an integral part of the Department's GIS mapping. The structure of the data combined with its accuracy and currency make it an ideal base on which we can manage and model our Department's assets and activities."

Dan MacDonald
GIS-T Manager
PEIDOT

Canadian Council on Geomatics

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