



**working to advance road weather  
information systems technology**

RESEARCH PROJECT TITLE  
Road Weather Information Systems  
(RWIS) Communications Standards –  
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ABOUT AURORA  
Aurora is an international partnership of  
public agencies performing joint research,  
evaluation, and deployment initiatives  
related to road weather information systems  
(RWIS).

The opinions, findings, and conclusions  
expressed in this publication are those of  
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project partners.

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# Standards for Road Weather Information Systems Communication

project summary

## Problem Statement and Objective

Under this project, Aurora provided support and technical input to the ongoing standards development process for road weather information systems (RWIS) communications and protocols. Specifically, member agency representatives provided strategic input and technical expertise in many RWIS areas.

Consensus was reached within the group on particular issues, and input was provided at the appropriate standards development forum. Aurora worked with the Federal Highway Administration (FHWA), the American Association of State Highway and Transportation Officials (AASHTO), National Transportation Communications for ITS Protocol (NTCIP), and numerous other groups as a part of this initiative. Participants in this process reported back to Aurora, ensuring partners were kept up to date.

## Results

As a part of these activities, Aurora prepared and submitted an RWIS protocol white paper to the NTCIP Working Group. The white paper included information on a context and scope for communications standards, a vision for RWIS technology, the context for resulting information, compatibility needs, and existing standards.



*An RWIS site in Minnesota.*