TECHNICAL REPORT DOCUMENTATION PAGE

1. REPORT NO.	2. GOVERNMENT ACCESSION NO.	3. RECIPIENT=S CATALOG NO.
FHWA-OK-09-03		
4. TITLE AND SUBTITLE		5. REPORT DATE
Roadway Weather Information System and Automatic		September 2009
Vehicle Location (AVL) Coordination		6. PERFORMING ORGANIZATION CODE
7. AUTHOR(S)		8. PERFORMING ORGANIZATION REPORT
		6. PERFORMING ORGANIZATION REPORT
Dr. Ronald Barnes, Dr. Monte		
Dr. Joseph Havlicek, Dr. Moha		
Dr. James Sluss		
9. PERFORMING ORGANIZATION NAME AND ADDRESS		10. WORK UNIT NO.
School of Electrical and Computer Engineering		
The University of Oklahoma		11. CONTRACT OR GRANT NO.
Norman, OK 73019	ODOT Item Number 2212	
12. SPONSORING AGENCY NAME AND ADDRESS		13. TYPE OF REPORT AND PERIOD COVERED
Oklahoma Department of Transportation		Final
Planning and Research Division		October 1, 2008-September 30,
		2009
200 N.E. 21st Street, Room 3A7		14. SPONSORING AGENCY CODE
Oklahoma City, OK 73105		14. SPONSORING AGENCY CODE
15. SUPPLEMENTARY NOTES		

16. ABSTRACT

Roadway Weather Information System and Automatic Vehicle Location Coordination involves the development of an *Inclement Weather Console* that provides a new capability for the state of Oklahoma to monitor weather-related roadway conditions. The goal of this development is that motorist safety might be improved and the damage to highways and bridges caused by the application of deicing agents minimized through the use of the IWC and Decision Support Systems built upon it.

17. KEY WORDS	18. DISTRIBUTION STATEMENT		
Road Weather Information System,	No restrictions. This publication is available from		
Automatic Vehicle Location,	the Planning & Research Division, Oklahoma DOT.		
Intelligent Transportation			
19. SECURITY CLASSIF. (OF THIS REPORT)	20. SECURITY CLASSIF.	21. NO. OF PAGES	22. PRICE
Unclassified	(OF THIS PAGE) Unclassified	17	