

Minnesota
Department of
Transportation

# RESEARCH SERVICES

Office of Policy Analysis, Research & Innovation

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Research Project Final Report #2010RIC03





















#### **Technical Report Documentation Page**

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Toward Zero Deaths – Maintaining a Safer Roadway Workshop		April 2010
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395 John Ireland Boulevard Mail Sto	op 330	14. Sponsoring Agency Code
St. Paul, Minnesota 55155		

15. Supplementary Notes

http://www.lrrb.org/pdf/2010RIC03.pdf

16. Abstract (Limit: 200 words)

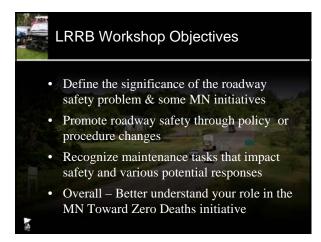
The Local Road Research Board has developed a workshop on "Maintaining a Safer Roadway" that provides education to maintenance staff on how they can make our roads safer. Local Agency maintenance forces are in the best position to be the "eyes and ears" for Local Agencies when it comes to identifying situations, that when addressed, could greatly improve safety for the traveling public. This workshop addresses safety topics such as:

- Obstructions in Roadway
- Shoulder Drop-Off
- Signs and Pavement Markings
- Work Zone Safety
- Vegetation Control
- Roadside Hazards Clear Zone
- Drainage
- Winter Maintenance

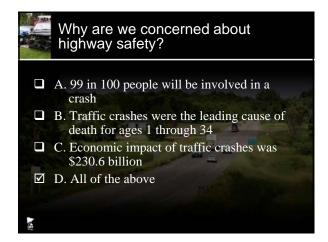
Contact the MN LTAP center for more information on when this workshop will be offered in the future. <a href="http://www.mnltap.umn.edu/">http://www.mnltap.umn.edu/</a>

17. Document Analysis/Descriptors		18.Availability Statement	
Maintenance safety Maintenance staff Roadway safety Traffic Safety Obstructions in Roadway Shoulder Drop-Off Signs and Pavement	Markings Work Zone Safety Vegetation Control Roadside Hazards - Clear Zone Drainage Winter Maintenance	No restrictions. Doo from: National Tecl Services, Springfiel	nnical Information
19. Security Class (this report)	20. Security Class (this page)	21. No. of Pages	22. Price
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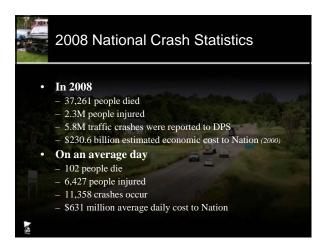




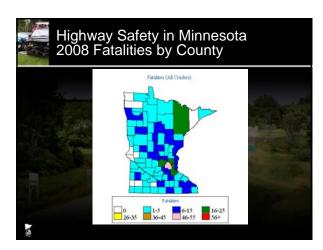












Cost of Motor Vehicle Crashes 2008 - State of Minnesota			
Incidence	Cost Per Incident	Total Cost	
455	\$1,130,000	\$514,150,000	
1,553	\$65,000	\$100,945,000	
8,334	\$21,000	\$175,014,000	
23,492	\$11,900	\$279,554,800	
54,761	\$7,500	\$410,707,500	
		\$1,480,371,300	
	of Min Incidence 455 1,553 8,334 23,492	Incidence         Cost Per Incident           455         \$1,130,000           1,553         \$65,000           8,334         \$21,000           23,492         \$11,900	











