



LOCAL ROAD
RESEARCH BOARD

MN LRRB Update

What you've been searching for...

June 12, 2026

MCEA Summer Conference
Chris Sagsveen, P.E.
SRF Consulting



Agenda

New & Familiar Faces

Current Projects

Project Spotlight

County Law Book

Asphalt Patching Best Practices

Asset Management Tools for Local Governments

Quiz

15,000 hours,
which roughly equates
to 1,883 workdays,
377 weeks, 87 months,
or 7.25 years
of full-time work!



New (& Familiar) Faces....





2025-2026 RIC Projects in Progress

TOPIC TITLES

How to Minimize Reflective Cracking

Pavement Design – Tools and Resources for Cities and Counties

Traffic Calming Best Practices (Update 2022 Resource)

Development of a Minnesota County Transportation Law Book

Software Platforms for Sign Management

Managing Utility Congestion in and out of the Rights of Way

Identify/Develop Smartphone Wayfinding Applications for Work Zones on the Local System

Guardrail Replacement and Maintenance Guidelines (Update 2010 Resource)

Best Practices to Deter Beavers, Muskrats, and Other Animals from Obstructing Waterways

Guidance for Pavement Markings on Roadways with less than 6,000

Best Practices for Multimodal Expansion on Rural and Urbanized Roadways



Upcoming Research Projects

TOPIC TITLES

Stay Tuned...

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Projects Spotlight



County Law Book

Technical Liaison: Wayne Sandberg
In Progress...



Development of a County Law Resource

TAP Members

Development of a Law Resource for County Engineers

Last updated: 09/29/25

Name	Agency	Email
Wayne Sandberg ¹	Washington County	wayne.sandberg@co.washington.mn.us
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Wes Davis	Mille Lacs County	wesley.davis@millelacs.mn.gov
Mike Suska	Nicollet County	msuska@co.nicollet.mn.us
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Brian Giese	Pope County	brian.giese@popecountymn.gov
Emily Murray	Association of Minnesota Counties	emurray@mncounties.org
Mark Vizecky	MnDOT State Aid	mark.vizecky@state.mn.us

¹ Technical Liaison

² Administrative Liaison

18561.05

MCEA Law Resource

Highlights...

- AI Search
- Quick reference button with sort
- Look into statute, rule, key words
- Maintains chat history



Let's Test it Out!

Asphalt Patching Best Practices

Technical Liaison: Mike Cleveland
September 2025



Asphalt Patching Best Practices

TAP Members

Technical Advisory Panel

- Mike Cleveland, Chair
Lac Qui Parle County
- Aaron Holmbeck
Nobles County
- Andy Kraemer
Hennepin County
- Josh Peterson
City of Coon Rapids
- Shawn Anderson
City of Edina
- Clark Moe
MnDOT
- Daniel Whebbe
MnDOT
- David Glycer
MnDOT
- Joel Ulring
MnDOT
- Justin Swiers
MnDOT
- Roger Olmscheid
MnDOT
- Evan Sieben
City of Woodbury

SRF Consulting Group Research Team

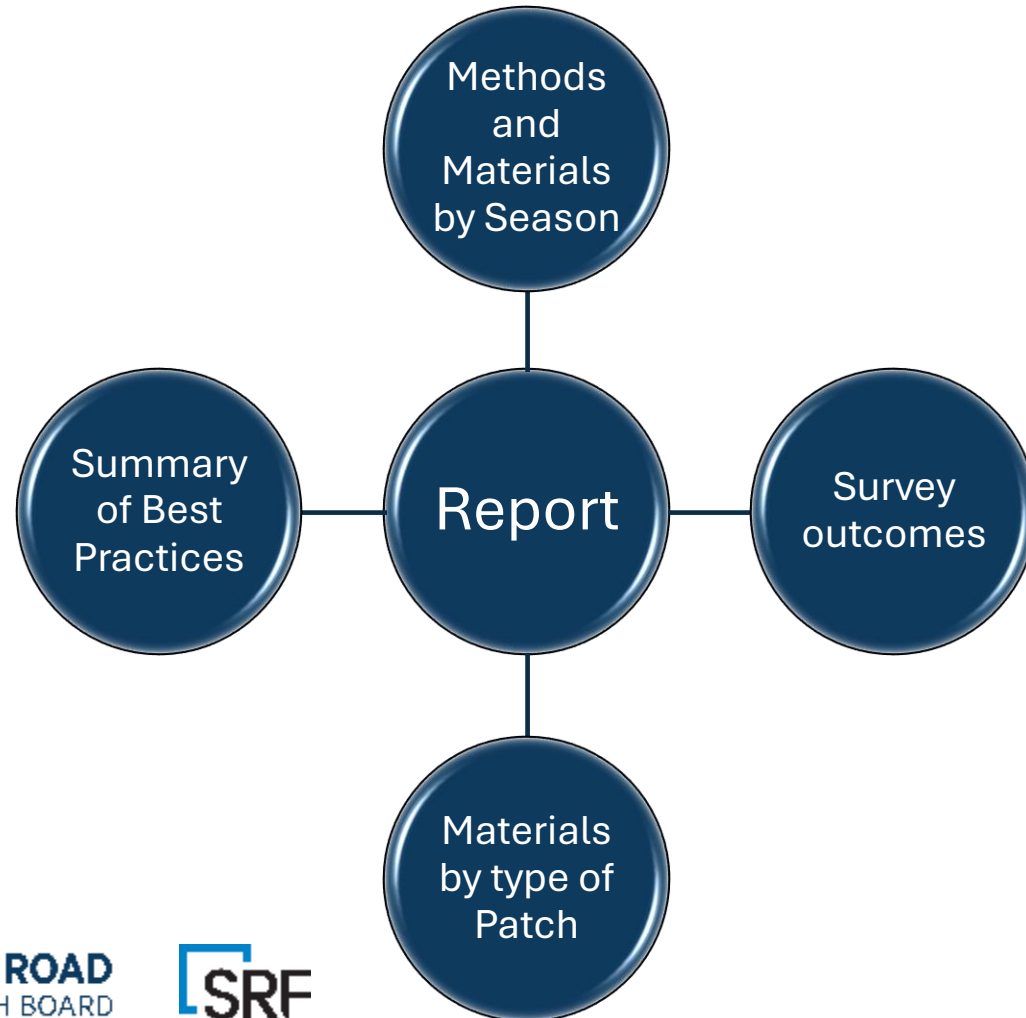
- Chris Sagsveen
- Michael Marti
- Jimoku Salum

Project Goals

- Guidance on asphalt patching
- Performance information on proprietary patching products
- A summary of best patching practices from Minnesota local agencies
- Training and education video



Project Outcomes!



Pothole Patching Proven Practices 2025



“Training Video”

Asset Management Tools for Local Governments

Technical Liaison: Lyndon Robjent
November 2025





Technical Advisory Panel (TAP)

Technical Advisory Panel

Lyndon Robjent, Co-Chair	Carver County
Bruce Hasbargen, Co-Chair	Beltrami County
Adam Nafstad	City of Albertville
Guy Kohlhofer	Dodge County
Todd Howard	Dakota County
Will Manchester	City of Minnetonka
Chris LaBounty	City of Maple Grove
Nick Peterson	City of St. Paul
Brad Wentz	NDSU-UGPTI
Mel Odens	Kandiyohi County
Lon Aune	Marshall County
John Brunkhorst	McLeod County

Technical Advisory Panel

Rich Sanders	Polk County
Brian Giese	Pope County
Kent Exner	City of Hutchinson
Steven Bot	City of St. Michael
Chad Hausmann	Wright County
Aaron Holmbeck	Nobles County
April Wellman	Faribault County
Jim Olson	Becker County

Research Team

Chris Sagsveen	SRF Consulting
Mike Marti	SRF Consulting
Becky Alper	SRF Consulting
Jimoku Salum	SRF Consulting

Recent APWA Asset Management 101

Scan the QR code or visit: <https://www.apwa-mn.org/events-education/asset-mgmt-best-practices-toolkit>



Pre-Screening Meetings
MnDOT Districts
Spring, 2026

Asset Management

For Public Agencies

Asset Management Committee
Minnesota Chapter
American Public Works Association

A photograph of a road construction site. In the foreground, there is a large, dark pile of soil or gravel. To the right, a line of orange traffic cones separates the work area from the road. In the background, there are trees and a clear sky.

m DEPARTMENT OF
TRANSPORTATION

An aerial photograph of a multi-lane highway interchange. A large, stylized circular graphic with concentric rings is overlaid on the image, partially obscuring it.

Asset Management Guide for Local Agencies

Report Number 2019R1C06
January 2020

Authors:
Lyndon Robbert, Carver County
Perry Clark, Carver County
Michael Marti, SRF Consulting Group
Richard Friesen, SRF Consulting Group
Ann Johnson, PE Services

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AM Tools for Local Governments

PROJECT PURPOSE:

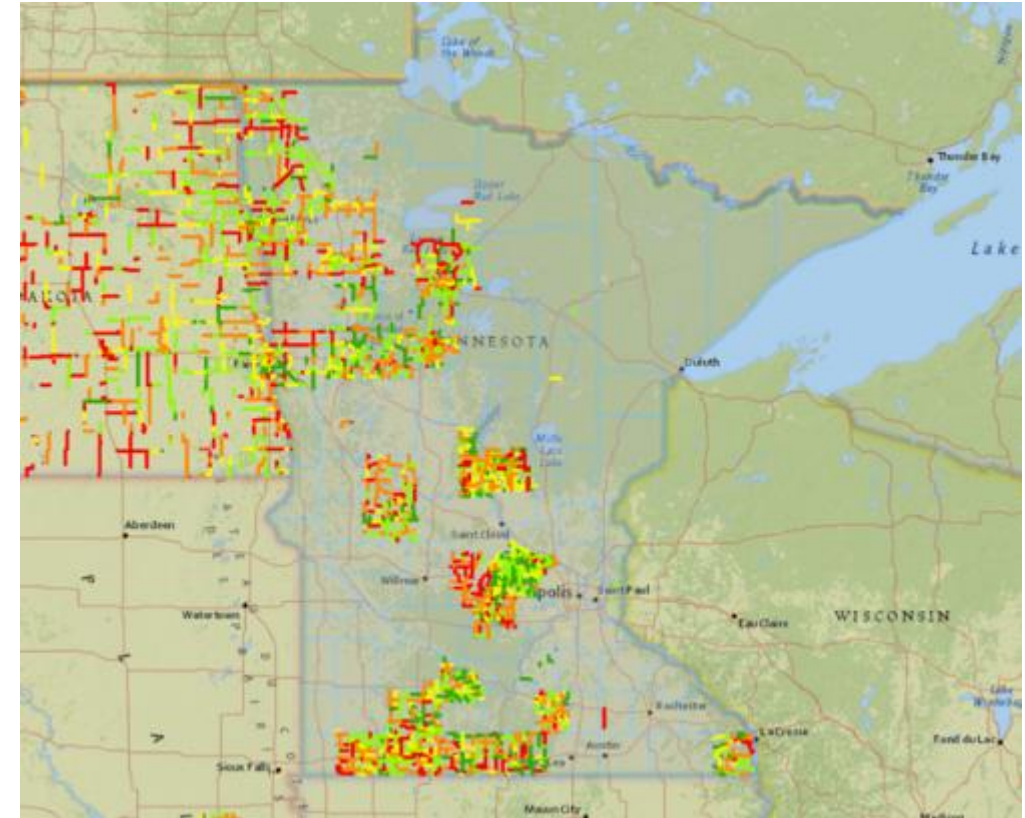
- Initial focus:
 - Calculate and communicate the cost of maintaining an average road (lifecycle cost tool)
 - Implement and update an earlier LRRB report on the Minnesota use of the Geographic Roadway Inventory Tool (GRIT)
- Modified focus:
 - Expand GRIT implementation through
 - FAQs
 - Videos





What is GRIT?

- ❖ A web-based roadway inventory tool designed to help counties manage their roadways, minor structures and signs.
- ❖ Developed by the Upper Great Plains Transportation Institute at North Dakota State University
- ❖ User-friendly asset management tool originally created for North Dakota Counties now used in over 20 MN counties
- ❖ Built with small, rural counties in mind
- ❖ Used primarily for inventory, planning and decision-making for transportation infrastructure



[GRIT Video Series: Overview](#)



Project Deliverables


[LRRB Homepage](#)

Asset Management Tools for Local Governments

Status: Complete

Report Date: 11/20/2025

Summary:

Local agencies need assistance with managing their assets and communicating to the public. The focus of this study will be to develop a consensus on the definition of Life Cycle Cost (LCC); how it is used and the purpose of communicating to residents. This project will further implement three previous related LRRB research studies and syntheses.

Final Deliverables:

- [Geographic Roadway Inventory Tool \(GRIT\) FAQs](#) (Fact Sheet #2025RIC15FAQ)
- [Pavement Lifecycle Cost Tool Memorandum](#) (Staff Paper #2025RIC15)
- [GRIT Video Series: Overview](#) (Video #2025RIC15V1)
- [GRIT Video Series: Getting Started with GRIT](#) (Video #2025RIC15V2)
- [GRIT Video Series: Making Decisions with GRIT](#) (Video #2025RIC15V3)
- [Pavement Lifecycle Tool](#) (Spreadsheet #2025RIC15S)

Related Materials:

Related Research:

- [Development of Pavement Condition Forecasting for Web-based Asset Management for County Governments](#)
- [TRS: Life Cycle Cost of Local Roads](#)

Project Personnel:

Principal Investigator: [Michael Marli](#)

Technical Liaison: [Lyndon Robjent](#)

Project Coordinator: [David Glyer](#)

Panel Members:

Adam Nafstad - City of Albertville
 Bradley Wentz - North Dakota State University
 Chris LaBounty - City of Maple Grove
 Christopher Kufner - Braun Intertec
 Guy Kohlnhofer - Dodge County
 Jim Olson - Becker County Highway Department
 Matthew Shands - Commissioner's Staff
 Nick Peterson - City of St. Paul
 Perry Clark - Carver County
 Todd Howard - Dakota County
 William Manchester - City of Minnetonka



[Project Page](#)



[GRIT Page](#)

<https://www.ugpti.org/resources/grit/help.php>



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The benefits of LRRB (through trivia)!

By Chris Sagsveen

Q1: What's the primary funding source for LRRB Research Projects?

A. Federal Grants

B. State General Funds

C. SALT-related Funds **Correct!**

D. Private Partnerships

LRRB research for cities and counties is funded through a small set-aside—up to one-half of 1% of the previous year's state aid allocation.

Q2: How does a LRRB/RIC project get the “green light” to go forward?

A. Public Vote

B. Peer voting process with LRRB Board **Correct!**
Approval

C. Federal signoff with autopen

D. Legislative process

These projects don't just appear out of thin air. They're shaped by technical input, practitioner feedback, and review along the way before final approval.

Q3: Riddle

I don't swing a hammer or pour the concrete,
Nor do I crunch budgets or work in the heat.
I sit with the team and help steer the way, keeping
ideas useful and grounded along the way.
I review what's created and guide what's in sight –
making sure research stays practical and right.

Who am I?

I am a Technical Advisory Panel member!



Q4: What year was the LRRB established?

A.1949

B.1959

Correct!

C.1969

D.1979

The LRRB was created in 1959, under MN Rule 8821.3200 by the MN Legislature. This legislation gave the Commissioner authority to appoint nine board members.

Q5: Who is the current chair of the RIC board?

A. Wayne Sandberg

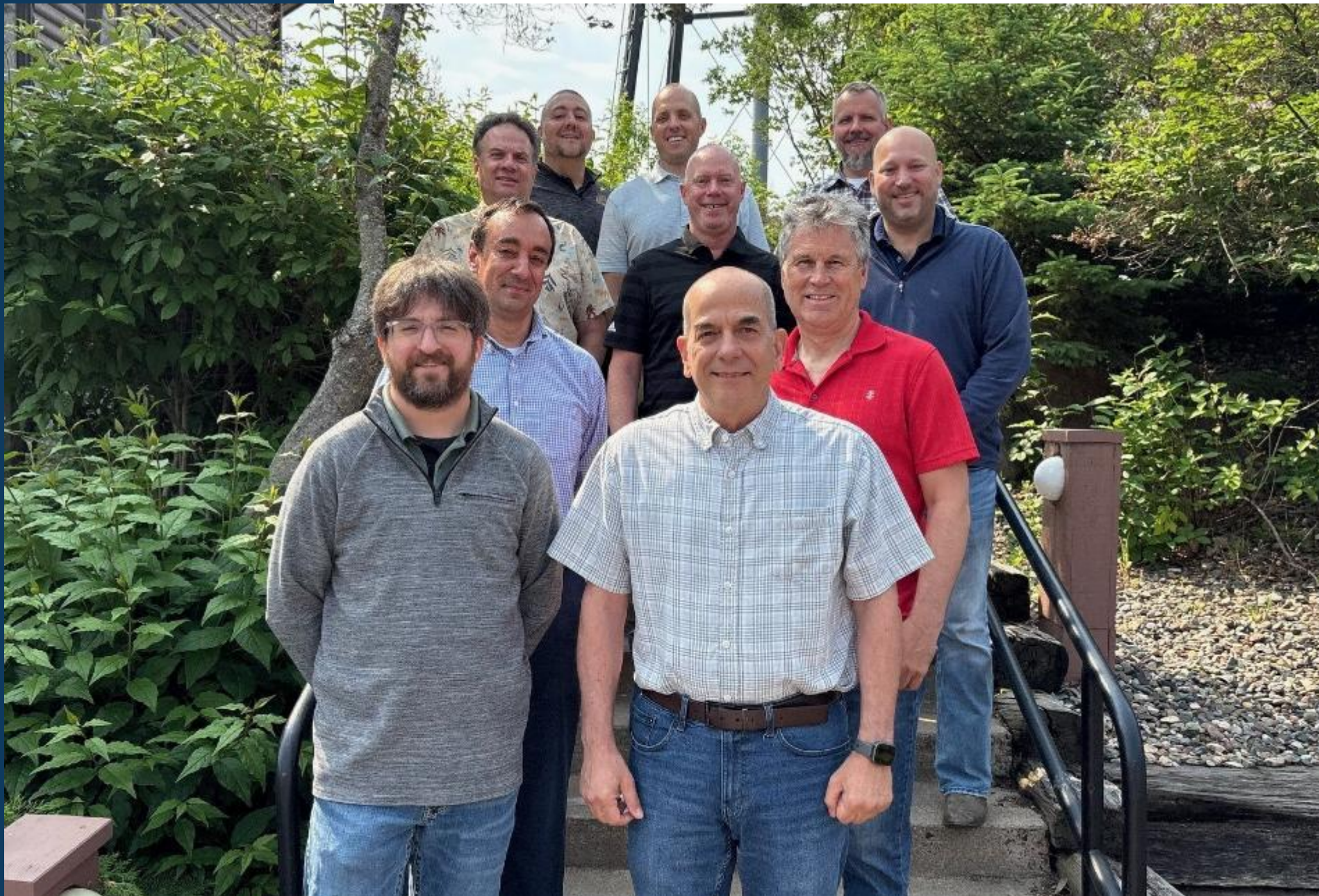
B. Lon Aune

C. Kristine Elwood

D. Will Manchester **Correct!**

Will is the Public Works Director for the City of Minnetonka. He's served for more than 8 years and his term is up at the end of the year.

Your RIC Board



Q5: Who is the current chair of the LRRB board?

A. Wayne Sandberg

B. Lon Aune

Correct!

C. Kristine Elwood

D. Will Manchester

Lon Aune is the Chair of LRRB and the County Engineer for Marshall County.

Your LRRB Board

Your
RIC
Board



Q6: Roughly what share of MN roadway miles are managed by local agencies (cities and counties combined?)

A. ~25%

B. ~50%

C. ~75%

D. ~85%

Correct!

Together, local agencies are responsible for about three-quarters of the roadway system

Q7: What does Minnesota statute 164, subdivision 4 actually do?

- A. Outlaws car sales on Sunday
- B. Declares Mosquitos to be a public nuisance
- C. Makes it illegal to participate in greased pig chases or turkey scrambles
- D. It establishes a capped amount of research funds from State Aid Distributions

Correct!

Together, local agencies are responsible for about three-quarters of the roadway system

BONUS: WHAT'S A TURKEY SCRAMBLE?



Q8: Which of these laws is actually true and enforced in the nation?

- A. If a frog dies during a frog-jumping contest, it can't be eaten**
- B. Singing in the bathtub is not allowed**
- C. No biting someone's leg**
- D. High heels over 2 inches require a permit**
- E. Bigfoot is legally protected**
- F. Fried chicken must be eaten with your hands**
- G. A pickle needs to bounce to meet quality food standards**

Going forward



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THANK YOU!



LRRB Website:
www.LRRB.org

Questions?

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