

# Overweight and Oversize Truck Permitting On Local Roadways

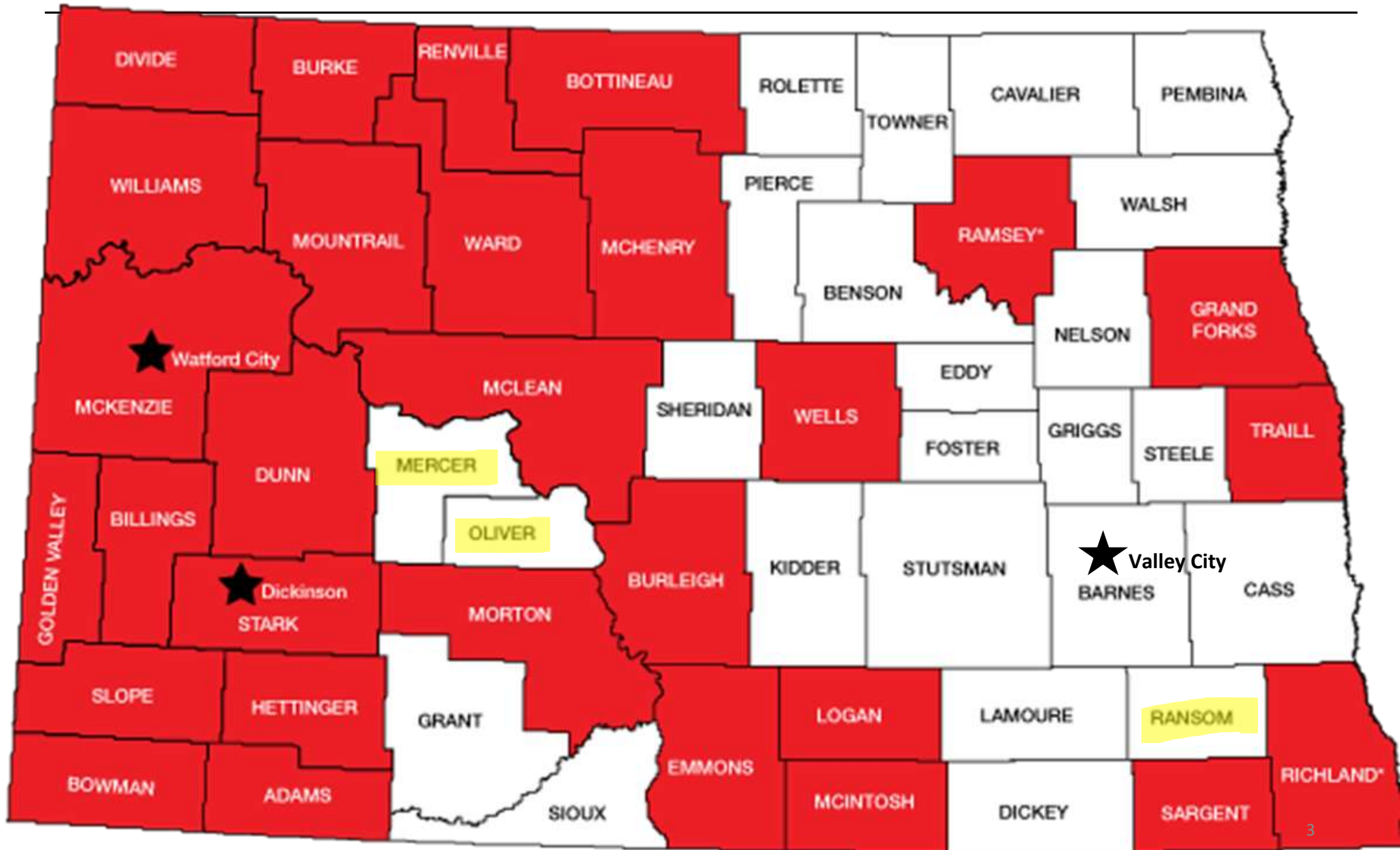


Western Dakota Energy Association  
Annual Meeting  
October 13 - 14



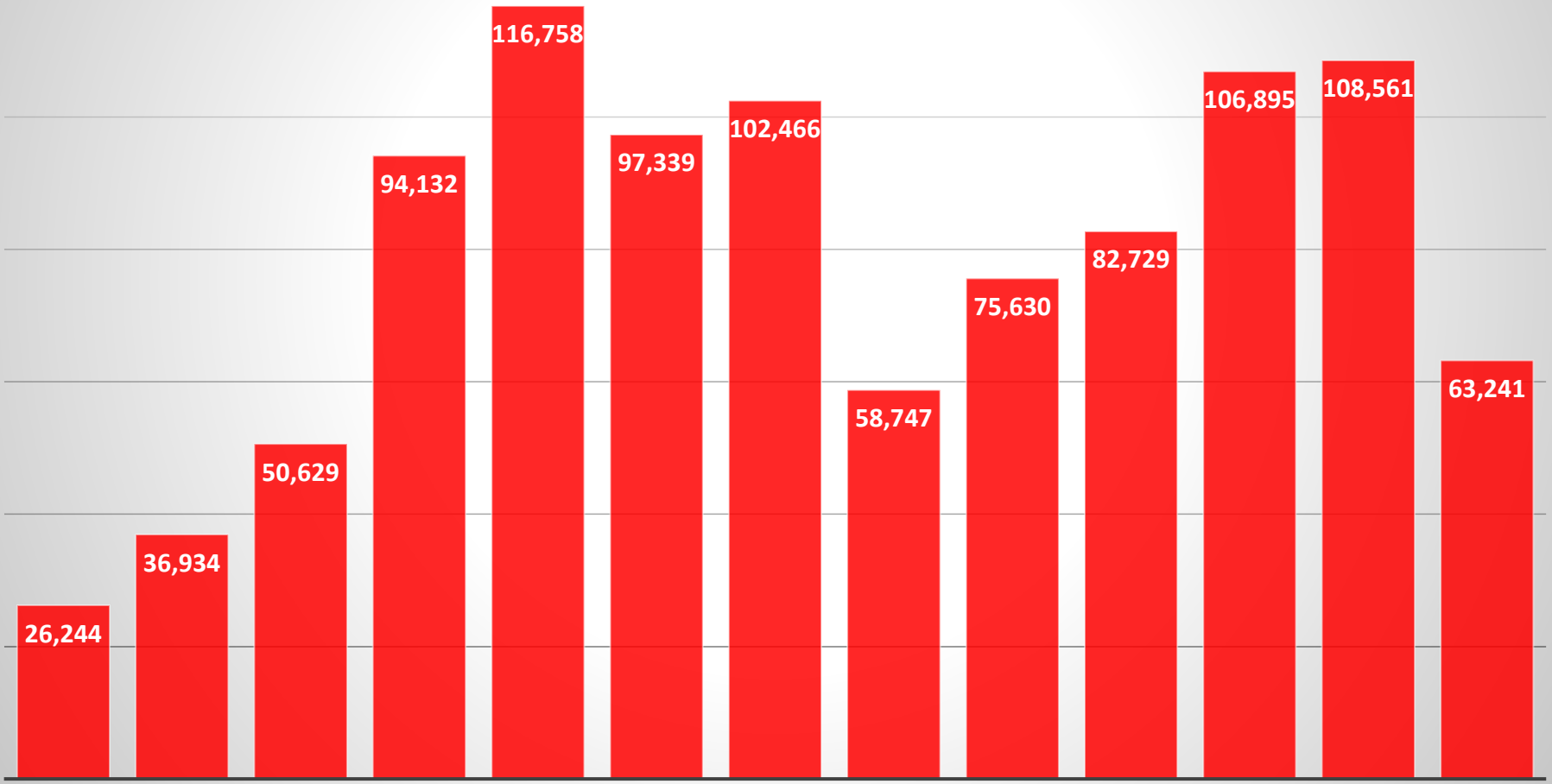
**Members: 29 Counties / 3 Cities****ADAMS****MCHENRY****BILLINGS****MCINTOSH****BOTTINEAU****MCKENZIE****BOWMAN****MCLEAN****BURKE****MORTON****BURLEIGH****MOUNTRAIL****CITY OF DICKINSON****RAMSEY****CITY OF VALLEY CITY** (Effective March 2021)**RENVILLE****CITY OF WATFORD CITY****RICHLAND****DIVIDE****SARGENT****DUNN****SLOPE****EMMONS****STARK****GOLDEN VALLEY****TRAILL****GRAND FORKS****WARD****HETTINGER****WELLS****LOGAN****WILLIAMS**

# LoadPass Permit Counties



\*Effective 1/1/2021

# Total Number of Permits Sold on Behalf of All Members Annually



FY 2008 - 2009   FY 2009 - 2010   FY 2010 - 2011   FY 2011 - 2012   FY 2012 - 2013   FY 2013 - 2014   FY 2014 - 2015   FY 2015 - 2016   FY 2016 - 2017   FY 2017 - 2018   FY 2018 - 2019   FY 2019 - 2020   FY 2020 - 2021

# **LoadPass Permits**

## **2020 - 2021 Fiscal Year End Totals**

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- Number of permits sold on behalf of the County/City Members – **63,241**
- Fees Collected and Distributed to the County/City Members - **\$9,549,408.66**
- Special Projects Fund - **\$145,420.94**

# LoadPass Notification System

## loadpasspermits.com

- **Notification System – Member Counties/Cities send out notifications of**
  - Load Restrictions
  - Closures
  - Planned Construction Project
- **FY 2020 -2021 LoadPass Notification System sent out**
  - Over 7,000 individuals registered to receive notices
  - 1,203,641 texts sent
  - 4,925,647 emails sent
- **Enhanced Notification System was released in August 2021**
  - Better reporting
  - More Details

# LoadPass Notification System

loadpasspermits.com

**Notifications** Details SAVE PUBLISH VOID RETURN TO LIST

Draft

Preview Notification: DISPLAY EMAIL SMS

Test **Draft**

Version: **v1** Created: 10/7/21 2:38pm (CST)

**Details**

**Title/Road**  \*

**Category** Select Type ... \*

Select Category ... \*

**Recipients** Select Groups ... \*

**Display Publicly** No : Private

**Owner** Admin

**Publishing Details**

**Effective Start**   CST

**Effective End**   CST

**Publish Date**   CST

**Send Reminder**   days prior to Effective Date

**Message Content**

B I U ... Format

(inherited size)

Notification / Message History

COMPARE MESSAGES

Version: v1 - Draft COPY TO NEW NOTIFICATION

# LoadPass Future Enhancements

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- Axle Weight Conversion
- Adding Low Rated Structures to the GIS
- Mobile Friendly Enhancements



Unit(s)\*  
  
 License Weight\*

**Power Unit**

VIN  
  
 Unit Number  
  
 Year  
  
 Make

State Registered  
  
 License Number  
  
 Registered Vehicle Weight

**Axle Information**

Axle Number	Weight	Number of Tires	Tire Width <sup>1</sup>	Measure Unit:	Track Width: <sup>1</sup>	Axle Center to Next Axle Center <sup>1</sup>
↓ 1	<input type="text" value="22750"/>	<input type="text" value="2"/>	<input type="text" value="445"/>	<input type="radio"/> in <input checked="" type="radio"/> mm	<input type="text" value="10"/> * <input type="text" value="0"/> in	<input type="text" value="4"/> * <input type="text" value="5"/> in <input checked="" type="radio"/>
↓ 2	<input type="text" value="22750"/>	<input type="text" value="2"/>	<input type="text" value="445"/>	<input type="radio"/> in <input checked="" type="radio"/> mm	<input type="text" value="10"/> * <input type="text" value="0"/> in	<input type="text" value="18"/> * <input type="text" value="5"/> in <input checked="" type="radio"/>
↓ 3	<input type="text" value="20000"/>	<input type="text" value="2"/>	<input type="text" value="11"/>	<input checked="" type="radio"/> in <input type="radio"/> mm	<input type="text" value="10"/> * <input type="text" value="0"/> in	<input type="text" value="4"/> * <input type="text" value="5"/> in <input checked="" type="radio"/>
↓ 4	<input type="text" value="20000"/>	<input type="text" value="2"/>	<input type="text" value="11"/>	<input checked="" type="radio"/> in <input type="radio"/> mm	<input type="text" value="10"/> * <input type="text" value="0"/> in	<input type="text" value="4"/> * <input type="text" value="5"/> in <input checked="" type="radio"/>
↓ 5	<input type="text" value="20000"/>	<input type="text" value="2"/>	<input type="text" value="11"/>	<input checked="" type="radio"/> in <input type="radio"/> mm	<input type="text" value="10"/> * <input type="text" value="0"/> in	<input checked="" type="radio"/>

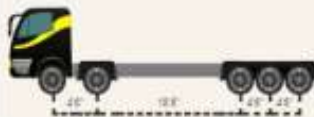
[+ Add Axle](#)

**Summary**

**Calculate Weights**

Gross Vehicle Weight: 103500  
 Axle Group 1(Axes 1-2): 45500  
 Axle Group 2(Axes 3-5): 60000

**Redisplay Vehicle**



# ADDING SMALL STRUCTURES TO THE GIS MAP

SELECT County  
All Counties

Type  
arch culvert, box culvert, bridge, bil...

Material  
All

Condition  
excellent, fair, good, poor, very poor

Age  
All

Span  
0 feet +

Number of Cells  
All

Cell Diameter  
0.0 feet +

Cell Length  
0 feet +

## Selected Structures - 5.6k

Average Age - 33.9

### Total Replacement Costs - 57.1M

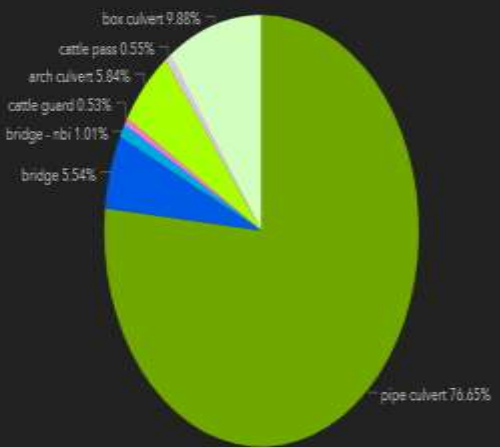
Age (1 to 10 Years) - 193 or 3%

Age (21 to 40 Years) - 203 or 4%

Age (41 to 100 Years) - 291 or 5%

Age (No Data) - 4.8k or 86%

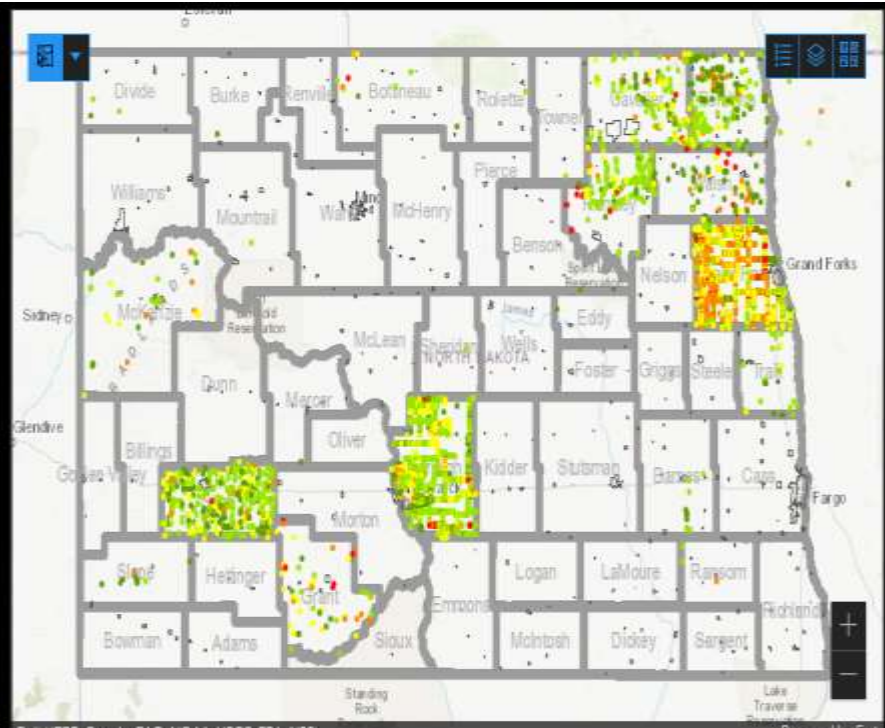
Replacement Cost (No Data) - 6.9k or 94%



● pipe 4.3k culvert  
 ● bridge 312  
 ● bridge 57 - nbi  
 ● cattle 30 guard  
 ● arch 329 culvert  
 ● cattle 31 pass  
 ● box 557 culvert

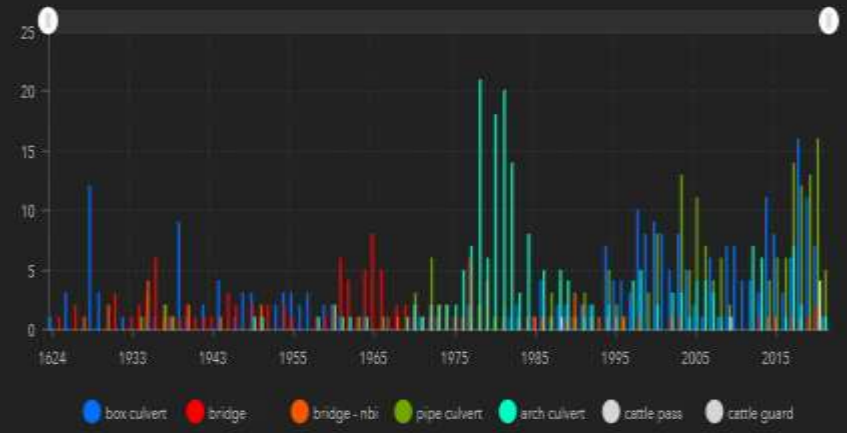
Select slice to see on map.

MS Condition   MS Material   **MS Type**



Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS   Powered by Esri

### Structures Installed by Year and Type



● box culvert  
 ● bridge  
 ● bridge - nbi  
 ● pipe culvert  
 ● arch culvert  
 ● cattle pass  
 ● cattle guard

# LoadPass Advisory Committee

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The LoadPass Advisory Committee is made up of representatives from

- Member Counties
  - Member Cites
- WDEA Executive Board
- ND Township Association

Group meets semi-annually in the spring and fall

# LoadPass Advisory Committee Officers

<b>*Chairman</b> (biennial appointment)	<b>Trudy Ruland</b> 2021-2023 <small>(second term)</small>	<b>Mountrail County</b> <b>Commissioner</b>
<b>Vice-Chairman</b> (biennial appointment)	<b>Pat Rummel</b> 2020-2022	<b>Billings County Sheriff</b>
<b>*Member at Large</b> (annual appointment)	<b>Matt Johansen</b> 2021-2022	<b>McKenzie County Sheriff</b>
<b>Member at Large</b> (annual appointment)	<b>Al Heiser</b> 2020-2021	<b>Stark County Road Supt.</b>
<b>Ex officio – WDEA Executive Board</b>	<b>Daryl Dukart</b>	<b>Dunn County Commissioner</b>
<b>Ex officio – ND Township Assn</b>	<b>Thomas Wheeler</b>	<b>ND Township Association</b>
<b>*Secretary</b> (annual appointment)	<b>Joelle</b> <b>VanderLinden</b>	<b>WDEA – LoadPass Operator</b>

# Contact Information

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[joelle@loadpasspermits.com](mailto:joelle@loadpasspermits.com)
- Brent Bogar – 701-770-3048  
[brent@loadpasspermits.com](mailto:brent@loadpasspermits.com)
- LoadPass Permits – 701-566-5576  
[www.loadpasspermits.com](http://www.loadpasspermits.com)

Notification System Registration – [loadpasspermits.com](http://loadpasspermits.com)