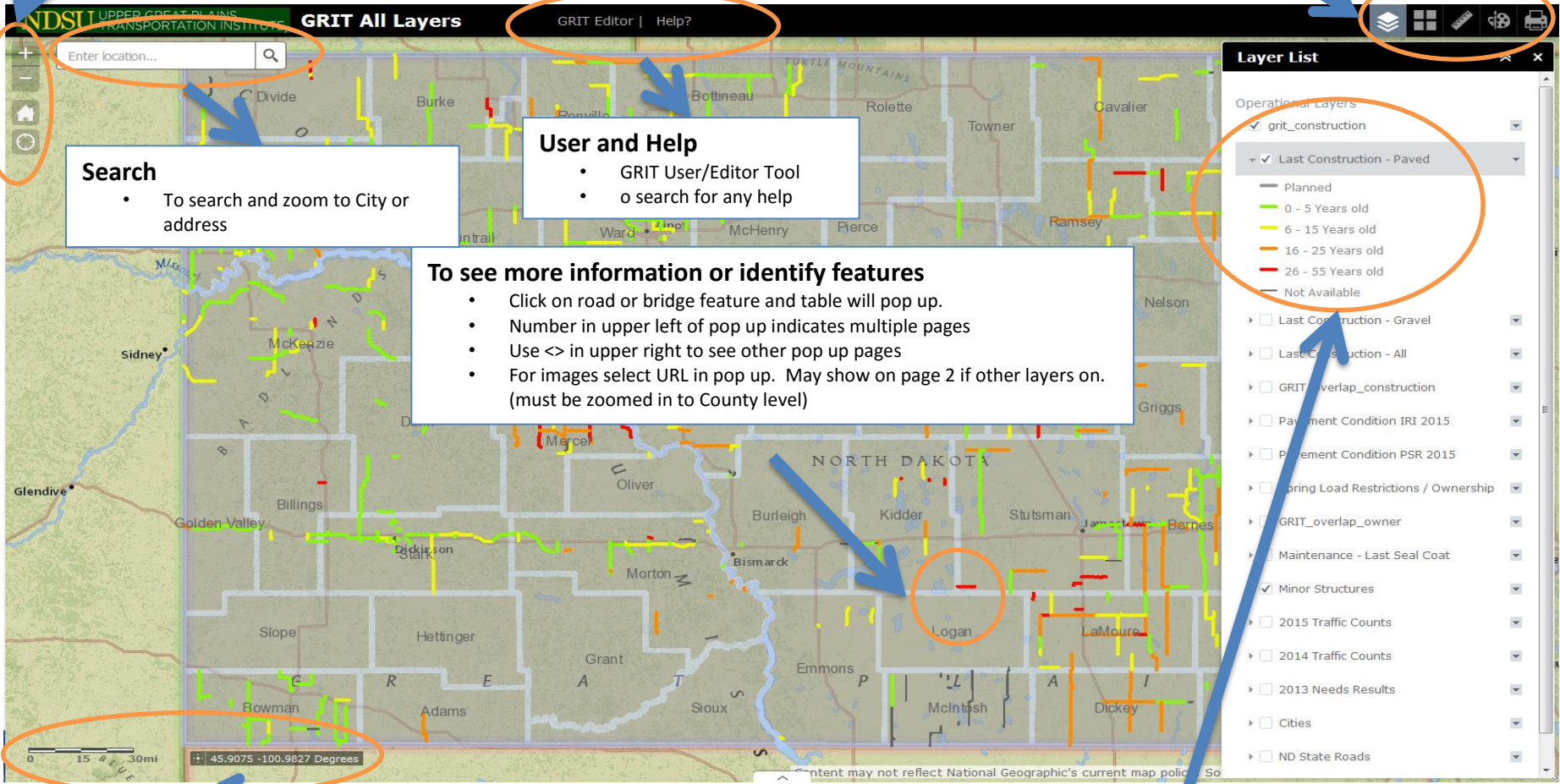


### Zoom and Pan Controls

- Use plus or minus to zoom in or out.
- Double click a location to zoom in.
- Use mouse wheel to zoom in or out.
- Hold mouse button and slide to pan.
- Click home button for default extent of the map.
- Click the clock symbol to indicate location when using mobile device.

### Main Menu Button Bar

- Map Contents – select to turn on or off layer on right
- Background Map – select background image
- Ruler to measure distance and area
- Draw to drawing feature
- Print



### Search

- To search and zoom to City or address

### User and Help

- GRIT User/Editor Tool
- o search for any help

### To see more information or identify features

- Click on road or bridge feature and table will pop up.
- Number in upper left of pop up indicates multiple pages
- Use <> in upper right to see other pop up pages
- For images select URL in pop up. May show on page 2 if other layers on. (must be zoomed in to County level)

### Scale and Location

- Scale bar are dynamic depending on the zooming extent. Zoom in or out to see the dynamic scale.
- Current location of the mouse pointer are indicated in degrees (Latitude, Longitude) format in WGS 1984 coordinates system.
- Move your mouse to see the changes.

### Map Contents and Legend

- Check layers on to view
- Some layers will only turn on when you zoom into County level
- Layers draw from bottom to top. Top most layer may cover others
- Scroll down on right to see more layers

### Last Construction Paved

This layer indicates the age of the paved county roads as provided by the Counties through the GRIT application. The age is from the year of the last construction project. It has been classified into four classes, which is 1) 0-5 year's old paved road as green color, 2) 6-15 year's old paved road as yellow, 3) 16-25 year's old paved road as orange color, and 4) more than 25 years old paved road has been marked as red color. Gray thick color indicates the planned paved road for future. If data is unavailable a thin dark gray color is displayed (Figure 2).



Figure 2. Last Construction – Paved

### Last Construction Gravel

This layer indicates the age of the gravel county roads as provided by the Counties through the GRIT application. It has been classified into four classes, which is 1) 0-5 year's old gravel road as green color, 2) 6-15 year's old gravel road as yellow, 3) 16-25 year's old gravel road as orange color, and 4) more than 25 years old gravel road has been marked as red color. Gray thick color indicates the planned paved road for future. In the absence of data unavailability, thin dark gray color has been used (Figure 3)

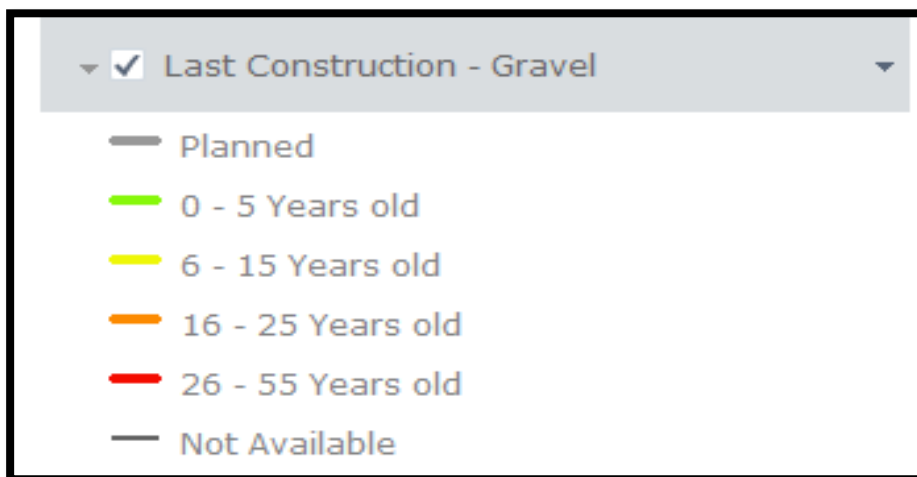


Figure 3. Last Construction – Gravel

## Pavement Condition (IRI)

Pavement Condition: IRI (International Roughness Index) measures the cumulative deviation from a smooth surface in inches per mile. This scores coded into four division: 1) 1-100 as green color, 2) 101-150 as yellow, 3) 151-200 as orange, and 4) 201-988 as red color (Figure 4). A highway indicated by red has a poor score with regard to roughness. Clicking on a road where this data is highlighted will pull up a box with information on the IRI- score as collected in the survey (see pop-up below). This data was collected in late summer and early fall of 2015.

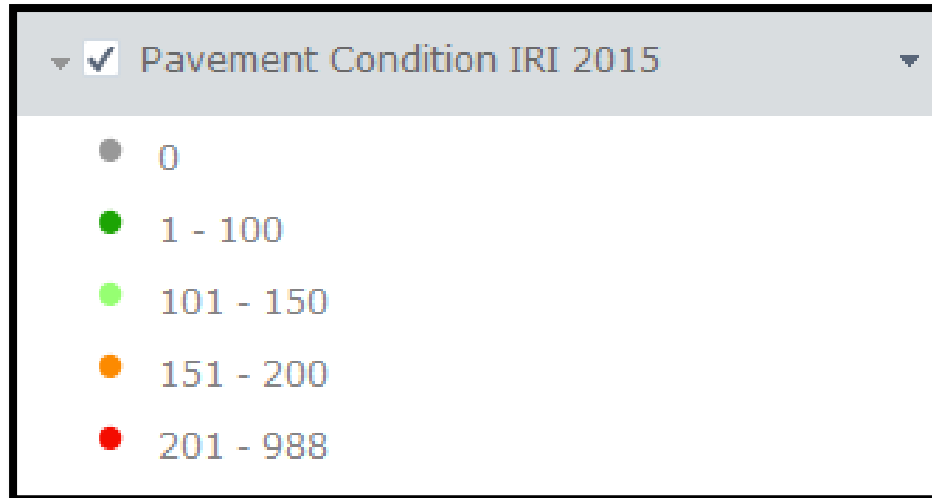


Figure 4. Pavement Condition (IRI)

## Pavement Condition (PSR)

Pavement Condition: PSR (Present Serviceability Rating) scores run from 0 to 5 with 5 being the best or like new. The score zero indicates the data is not available; zero to 2.5 indicates poor; 2.5 to 3.0 indicates Fair; 3.0 to 4.0 indicates Good; and 4.0 to 5.0 indicates very good (Figure 5). A highway indicated by red has a poor score with regard to ride and shows pavement distresses such as cracking or rutting. Clicking on a road where this data is highlighted will pull up a box with information on the PSR-ride score and a PSR-distress score and a PSR-combined score as collected in the survey (see pop-up below). This data was collected in late summer and early fall of 2015.

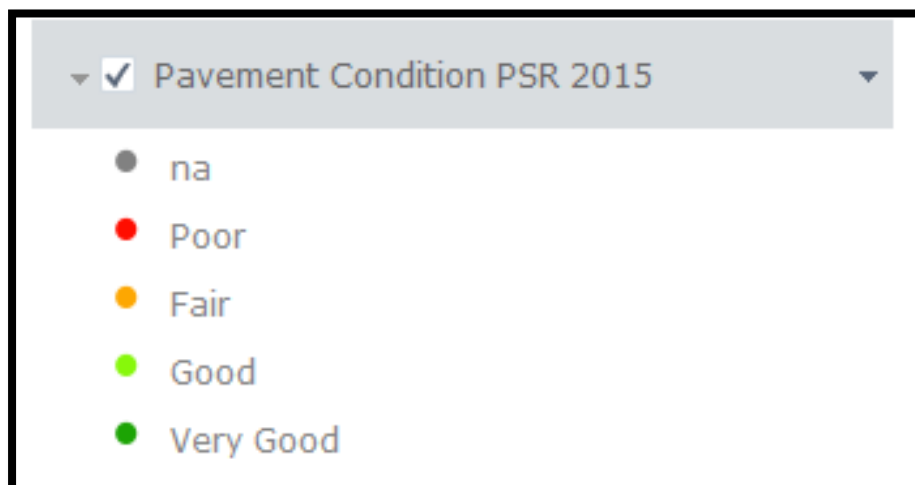


Figure 5. Pavement Condition (PSR)

## Spring Load Restrictions

This layer indicates the age of the seasonal load restrictions as provided by the Counties through the GRIT application. This represents the planned load restrictions. See county website or contact for information on when load restrictions are active. A range from 5 ton to 9 ton restrictions and legal weight has been presented in this layer as color coded (Figure 6).

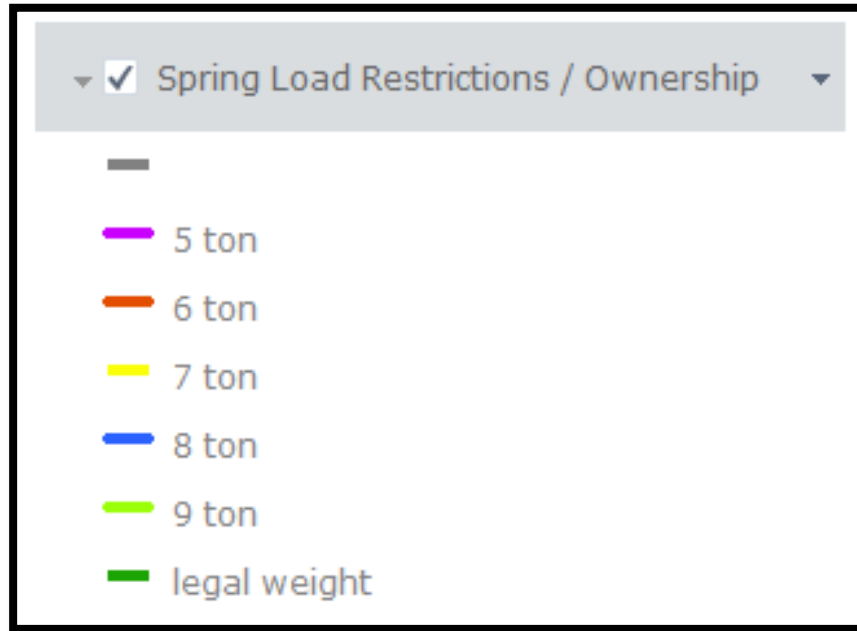


Figure 6. Spring Load Restrictions/Ownership

## Maintenance-Last Seal Coat

This layer indicates the year of the last seal coat as provided by the Counties through the GRIT application. Red color indicates the last seal coat is very old and green indicates new (Figure 7).



Figure 7. Maintenance-Last Seal Coat

## Minor Structure

This layer indicates the minor structures as provided by the Counties through the GRIT application. Indicates the type of structure (Figure 8).

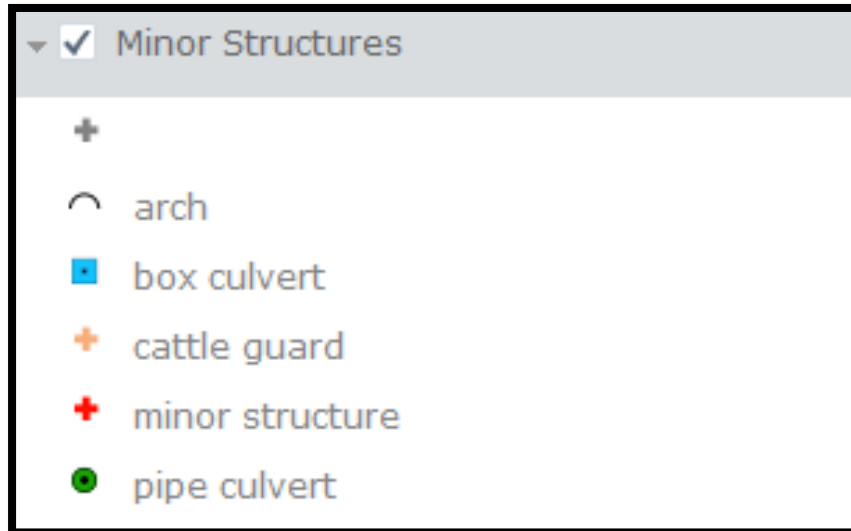


Figure 8. Minor Structure

## 2015 Traffic Counts

This categories indicate where traffic counts were taken on County and State roads. Some of the counts were taken with single-tube counters that record vehicles as a count – these do not differentiate a truck from a car. The class counts were performed with 2 rubber tubes and these counts classify the type of vehicle into 13 categories of cars, pickups, single unit trucks and combination trucks. Clicking on these counts will bring up more detailed information on the data collected during the count or class survey. Counts are classified as presented in Figure 9. This data was collected from early summer to early fall of 2015.

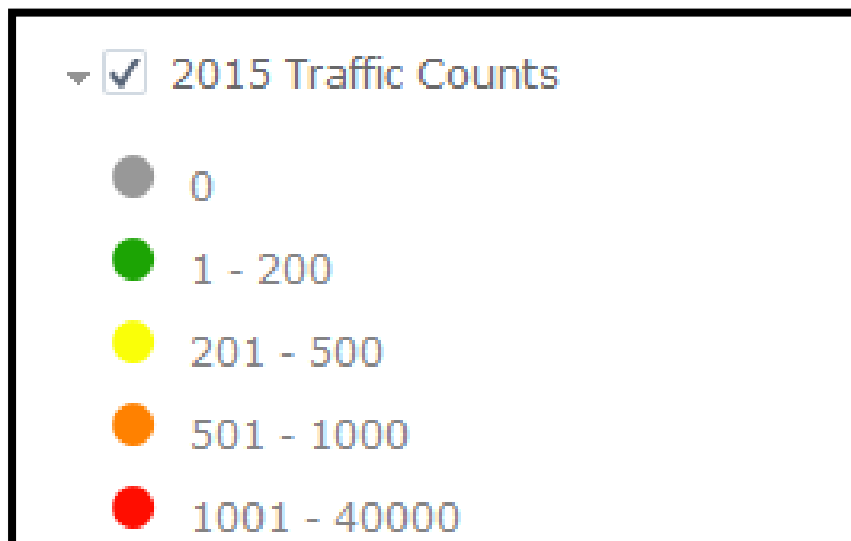


Figure 9. Traffic Counts