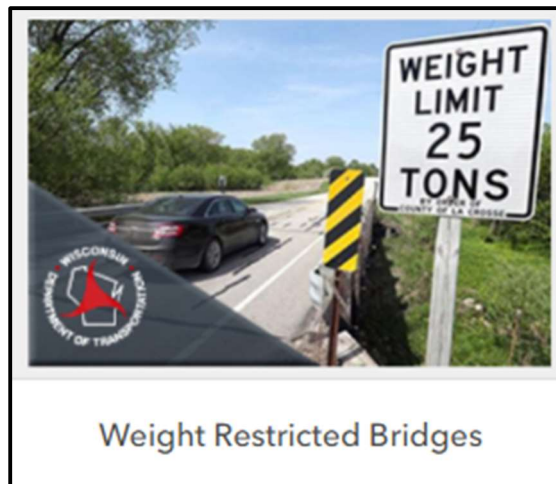# WEIGHT RESTRICTED BRIDGES MAP – USER GUIDE

WisDOT's Weight Restricted Bridges Map includes information on bridges that have standard weight limit postings (applicable to all vehicles), in addition to Emergency Vehicle (EV) weight limit restrictions. EV weight limits were determined in response to the 2015 Fixing America's Surface Transportation (FAST) Act. WisDOT and the Federal Highway Administration (FHWA) only require EV weight limits to be on posted signs for bridges on the Interstate and within one mile, while other bridges have their EV weight limits available to fire departments and other emergency response agencies through an online list or map. More information on bridge weight limits for emergency vehicles can be found in WisDOT Bureau of Structures' Emergency Vehicles Weight Limits Bulletin.

Posted signs at any bridge are subject to change, and bridge owners may occasionally post or close bridges without immediately informing WisDOT Bureau of Structures. A lag time may exist before the map is updated. Any posted weight limit sign supersedes information available in the map. The bridge weight limits in the map reflect information pulled from the Highway Structures Information System (HSIS) on the second day of every month.
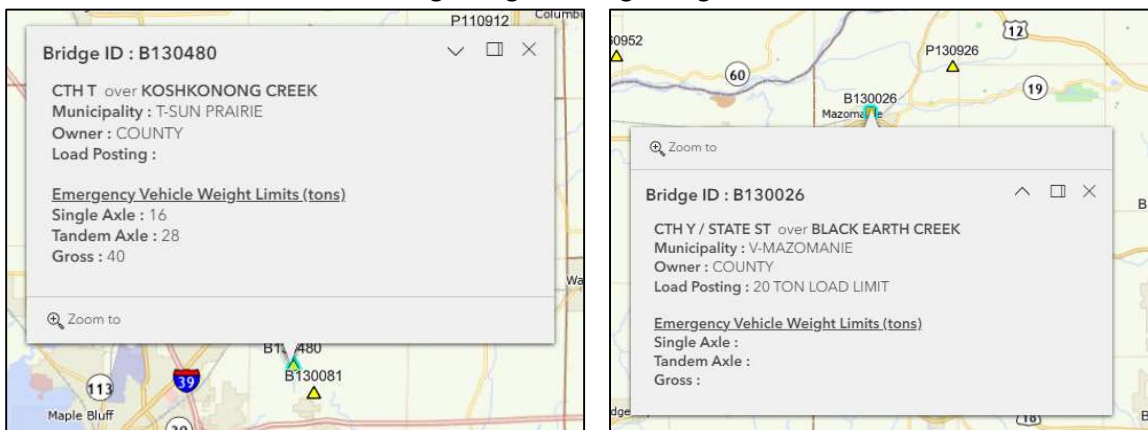

Weight Restricted Bridges

Using the Weight Restricted Bridges Map:

1. For best functionality, it is recommended to maximize the window to be full screen when viewing on a desktop or laptop computer

2. Zoom in on the map to the area (e.g., County, City, Route, etc.) to be reviewed.

3. Identify bridges with weight limit restrictions for either emergency vehicles or all vehicles.

    🟧 Bridges with posted weight limits for all vehicles, including emergency vehicles

    🔺 Bridges with weight limit restrictions only applicable to emergency vehicles

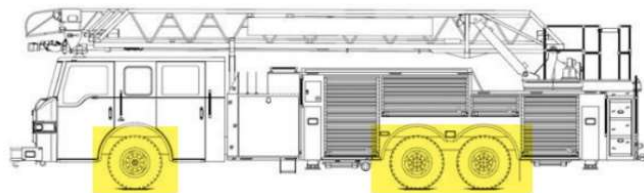4. Click a marker to see information regarding the bridge weight limit.

5. Determine the safe weight of an emergency vehicle that can be carried by the bridge.

Standard Load Posting:
The total allowable gross weight (in tons) of the vehicle, combining weights of all axles. This is applicable for emergency vehicles and all other vehicles.

Bridge ID : B130480

CTH T over **KOSHKONONG CREEK**
Municipality : T-SUN PRAIRIE
Owner : COUNTY
Load Posting :

Emergency Vehicle Weight Limits (tons)
Single Axle : 16
Tandem Axle : 28
Gross : 40

Emergency Vehicle - Single Axle:
Allowable weight (in tons) on any individual axle. If two axles are less than 40 inches apart, they are to be considered a single axle with their combined weight subject to the single axle weight limit.

Bridge ID : B130480

CTH T over **KOSHKONONG CREEK**
Municipality : T-SUN PRAIRIE
Owner : COUNTY
Load Posting :

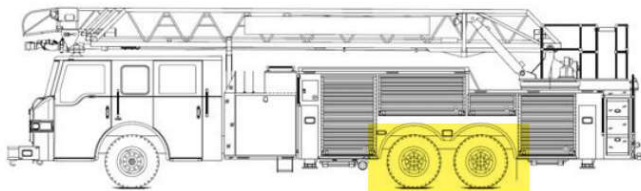Emergency Vehicle Weight Limits (tons)
Single Axle : 16
Tandem Axle : 28
Gross : 40

Emergency Vehicle - Tandem:
Allowable total weight (in tons) on two or more consecutive axles over 40 inches apart but not over 96 inches apart. If there are three axles within that distance, they are also to be considered a tandem.

Bridge ID : B130480

CTH T over **KOSHKONONG CREEK**
Municipality : T-SUN PRAIRIE
Owner : COUNTY
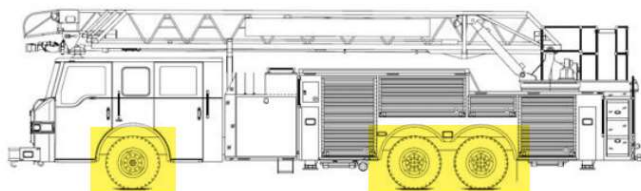Load Posting :

Emergency Vehicle Weight Limits (tons)
Single Axle : 16
Tandem Axle : 28
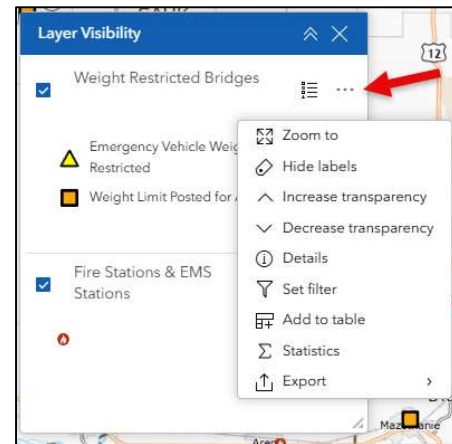Gross : 40

Emergency Vehicle - Gross:
The total allowable weight (in tons) of the vehicle, combining weights of all axles.

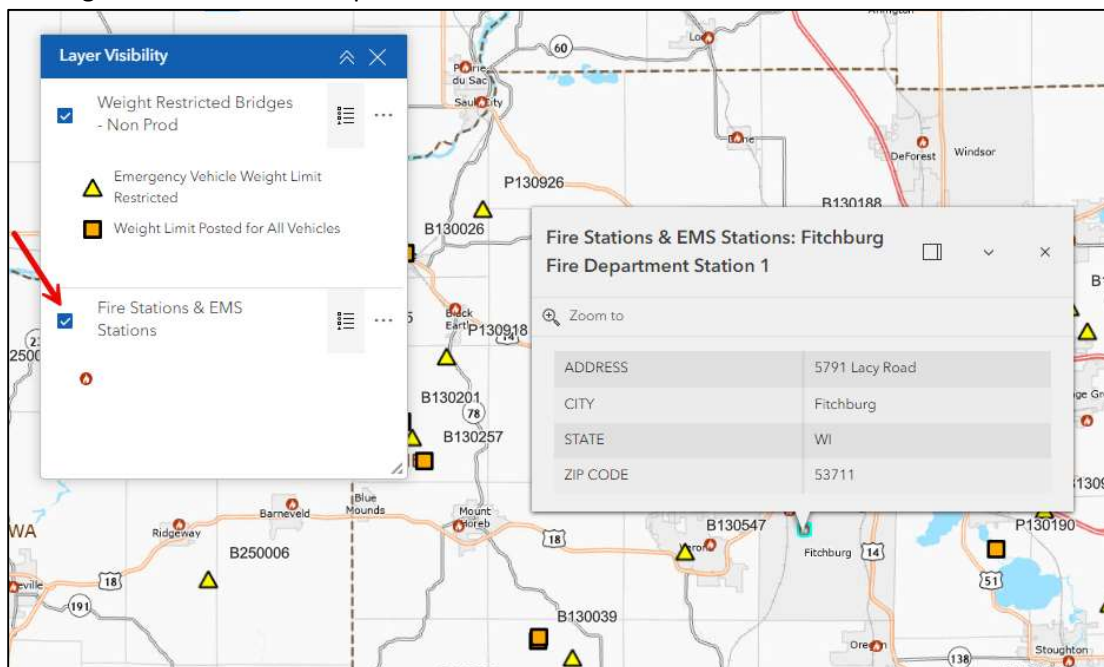6. Icons on the left allow the user to set various viewing preferences.

7. The **Layer Visibility** window is open by default when first viewing the map. Layers may be turned on or off with the checkbox. Clicking the button with three dots next to each layer provides additional visibility options.

8. When the Fire & EMS Stations layer is selected, they are shown on the map with an icon:
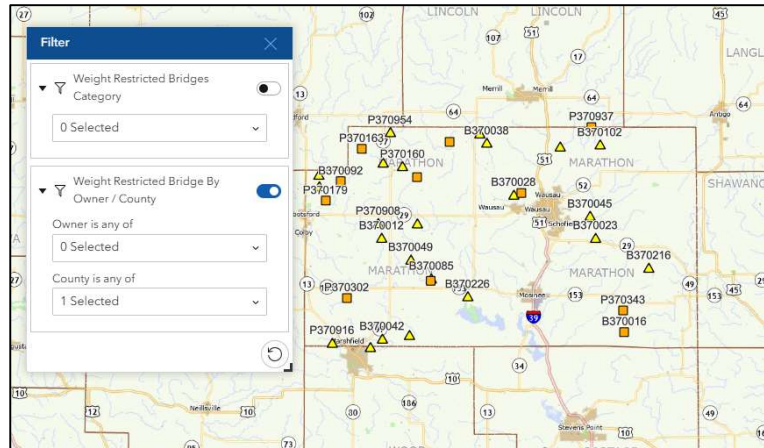

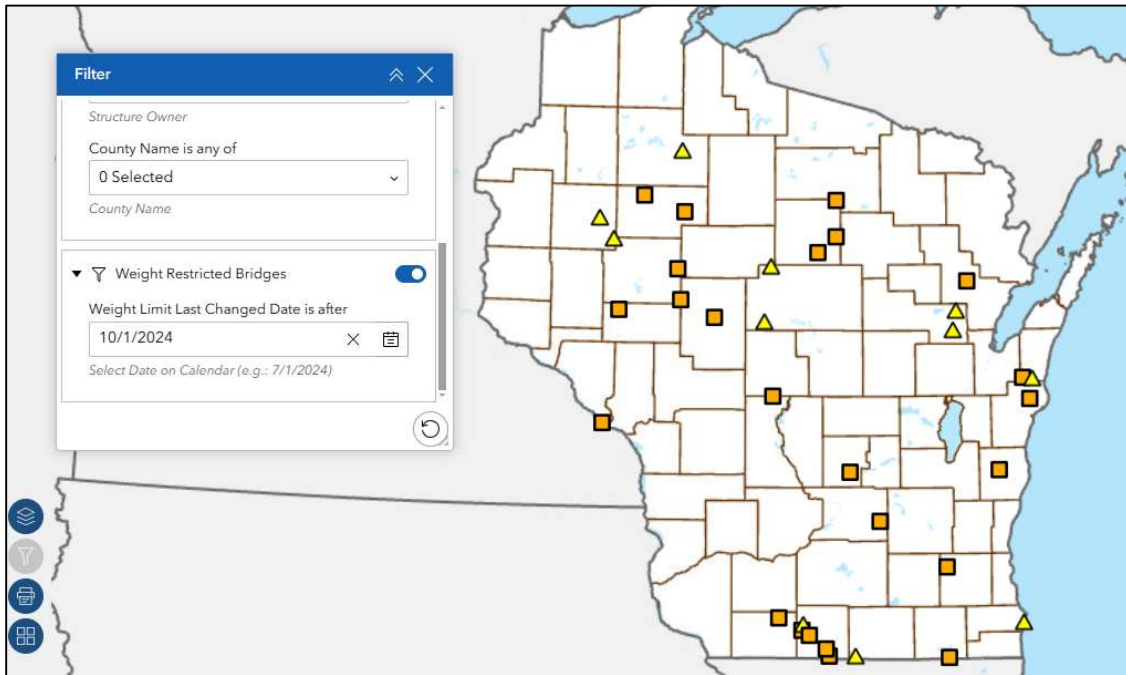Clicking on a fire station icon provides its name and location.

9. The **Filter** button may be used to view bridges by type of Weight Restriction, Owner, or County.
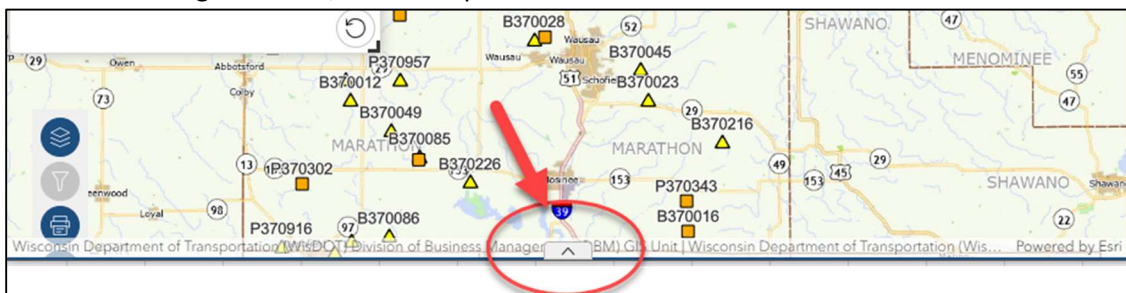
   The example shown used the Filter to only view bridges with weight limit restrictions in Marathon County.
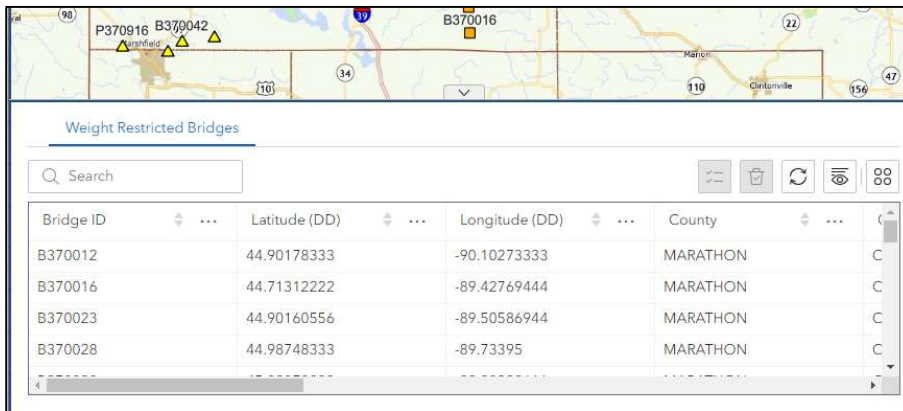

10. The Weight Limit Last Changed Date filter may be used to identify new bridges or bridges with modified weight limit values since a given date. For example, the image below shows bridges with changes since October 1, 2024.

11. To view the bridges as a list, click the up arrow at the bottom of the screen.
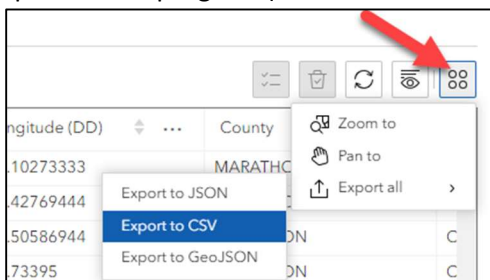
This will pull up a table featuring only the bridges currently visible in the map.

The list may be exported as a CSV file using the button on the right, and then opened in a spreadsheet program (like Microsoft Excel).

12. The **Print** button allows the user to create a map as a PNG file, and the **Basemap Gallery** allows the user to change the type of background map used.

13. The map header includes links to the **More Information** page, **WisDOT Terms of Use**, this **Help Guide**, and a link to **Subscribe for Changes**.

Subscribing for Changes

Because emergency vehicle weight limit signs are not placed on bridges located more than one mile from the Interstate, information is instead available via the map. Emergency responders operating heavy vehicles are encouraged to subscribe to email notifications and/or routinely check the map for updates in their service area. To subscribe for updates, click the button in the header and fill out the form.

Subscribe to email notifications when the Weight Restricted Bridges map is updated.	
Email:	
Name:	
Organization:	
subscribe	

Contacts

Bridge weight limit information: Alex Pence (WisDOT Bureau of Structures) - alex.pence@dot.wi.gov

Fire station locations: Alex Krebs (Wisconsin Emergency Management) – alex.krebs@widma.gov