PROPOSED SAFETY AND WEIGHT ENFORCEMENT FACILITY (SWEF)

WisDOT recently completed a study to identify a location for a new SWEF along the US 151 corridor between Dubuque, IA and Madison, WI. The current SWEF location in the area (SWEF 11-Dickeyville) is underutilized, outdated and operationally inefficient due to its location off of the US 151 corridor.

What is a SWEF?

A safety and weight enforcement facility (SWEF) is operated and staffed by the Wisconsin State Patrol. The facility includes an on-site scale as well as a series of cameras and weigh in motion systems to aid in enforcement. The SWEF's two primary objectives are:

- To ensure safety by enforcing equipment, carrier performance and driver fitness standards.
- To protect investment in highway infrastructure by enforcing state size and weight laws for Commercial Motor Vehicles (CMV).

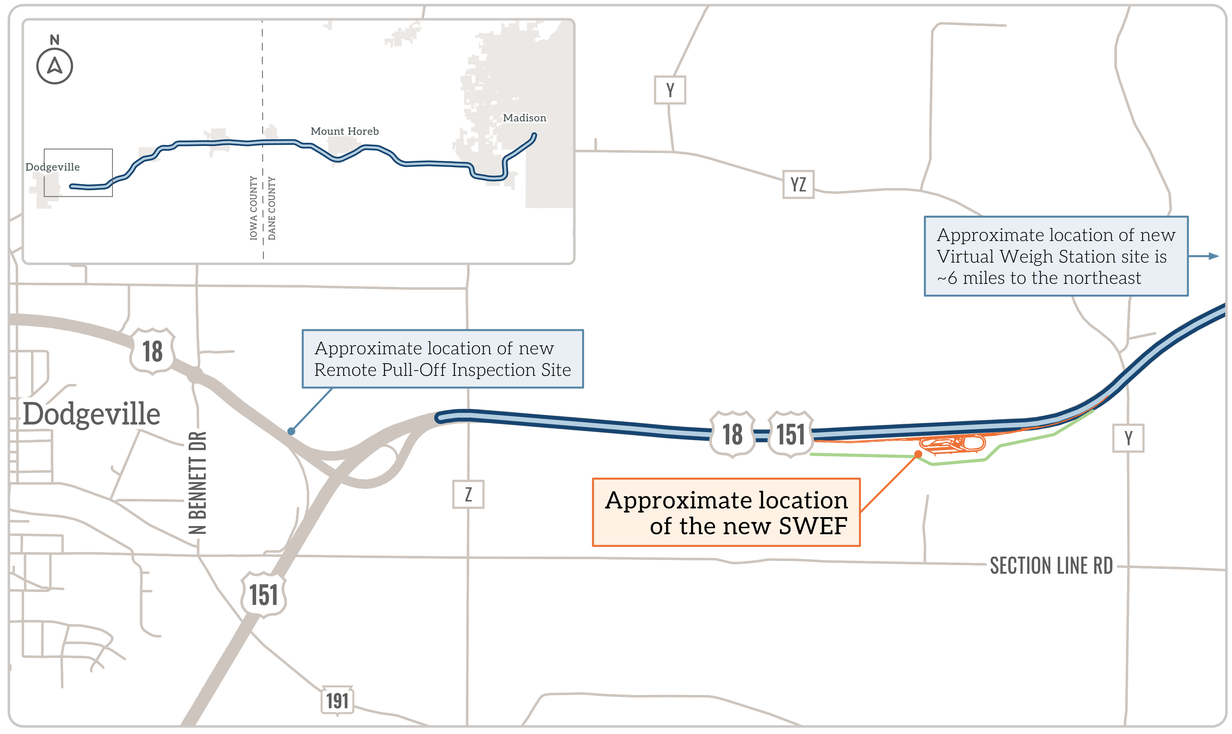
Evaluation Criteria

- **Maximizing CMV volume:** Locations with the highest truck volumes were prioritized.
- **Geometrics:** Steep and rugged terrain limited the number of feasible locations for a SWEF.
- **Impacts:** Environmental impacts, utility conflicts, right-of-way considerations and other impacts were considered.

Preferred SWEF Alternative Overview

The location just west of the County Y/YZ intersection was identified as the preferred alternative. This location had the highest CMV volume of all the alternatives and monitors northbound/eastbound truck and freight traffic from both US 18 and US 151.

The location approximately 6 miles northeast of the County Y/YZ intersection was identified as the preferred site for a Virtual Weigh Station to monitor southbound/westbound US 18/151 CMV and freight traffic. The preferred alternative improvements also include a remote pull-off inspection site along US 18, just west of the US 151 interchange.



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LEGEND

STUDY CORRIDOR — PROPOSED CONSTRUCTION — PROPOSED RIGHT OF WAY

WISCONSIN DEPARTMENT OF TRANSPORTATION

U.S. Department of Transportation Federal Highway Administration

US 18/151