

CVSA-FHWA-ISWIM Webinar 2024

Summary

- **Title:** **WIM for Enforcement**
- **Format:** Zoom Webinar
- **Participation:** Free of charge
- **Registration:** Required, please use the QR-codes on the last page
- **Date:** **14 November 2024**
- **WIM 101** 1100 – 1200 EST
- **WIM for Enforcement:** 1300 – 1500 EST

Introduction

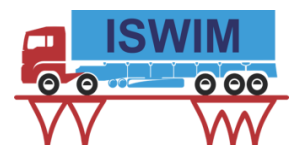
On November 30th last year, the Commercial Vehicle Safety Alliance (CVSA), Federal Highway Administration (FHWA) and the International Society for Weigh-In-Motion (ISWIM) held a successful webinar focused on the use of WIM systems for weight enforcement and traffic safety. During this webinar (inter-)national experts presented their experiences to more than 150 participants from the North American enforcement and traffic monitoring communities, and other end-users of WIM data from around the world. In evaluating the 2023 webinar, CVSA, FHWA and ISWIM expressed interest for a similar, follow-up webinar in 2024.

The 2-part program for the 2024 webinar will focus on the following topics:

Part 1: WIM 101. This part of the webinar is intended for new CVSA, AASTHO, and FHWA staff that are new to Weighing-In-Motion and its applications. It will start with a general introduction to the basics of WIM systems, followed by a review of the different WIM technologies, and a discussion on the application and advantages, and use of the data. Part 1 will also touch on the selection, installation, calibration, and operation of WIM systems.

Part 2: WIM for Enforcement. This part will focus on the use of WIM systems for size & weight enforcement in the US. Starting with the experiences from the state of Maine with the use of WIM as a screening tool for weigh stations, followed by an update on the results and experience from the pilot of WIM for direct weight enforcement in New York City. There will be a presentation on the possible extension of the NIST Handbook 44 to include High-Speed WIM systems for direct weight enforcement.

Part 2 will also cover new WIM technologies with a special focus on Bridge WIM (B-WIM) systems. The working principles will be explained along with the system components, installation, calibration, operation, and selection of suitable bridges for B-WIM systems. Like Part 1, there will be a discussion on the specific applications and advantages for weight enforcement, such as flexible deployment with short term measurements.



Program

Part 1: WIM 101

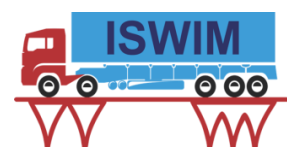
11:00 – 12:00 EST

- **Moderation** By: Mark Mills (CVSA) 5 min.
- Welcome and introduction to the 1st part of the webinar.
- **Introduction to WIM** By: Hans van Loo (ISWIM) 25 min.
- A brief introduction to the basics of WIM systems, WIM data and their main applications, intended for new staff who have elementary knowledge about WIM and its applications especially for weight enforcement.
- **US network of WIM systems** By: Steven Jessberger (FHWA) 25 min.
- An overview of the national US network of WIM systems, the WIM data that is collected and what are the main applications in North America.
- **Questions & Answers** By: All participants 10 min.

Part 2: WIM for Enforcement

13:00 – 15:00 EST

- **Moderation** By: Mark Mills (CVSA) 5 min.
- Welcome and introduction to the 2nd part of the webinar.
- **Use of WIM for enforcement** By: Chris Rogers, Maine (CVSA) 25 min.
- Experiences with the use of WIM systems for size & weight enforcement in the US. Specifically, the use of WIM in by-pass lanes as verification of vehicles in weigh stations in Maine.
- **Direct enforcement in NYC** By: Tanvi Pandya, (NYC) 25 min.
- An update on the experiences with the use of WIM systems for direct, automatic weight enforcement in New York City. The procedure for this type of weight enforcement is similar to that of automatic speed enforcement.
- **NIST Handbook 44** By: Jan Konijnenburg, (NIST) 25 min.
- An update on the possible extension of the NIST Handbook 44 with requirements for High-Speed WIM systems to be used for direct weight enforcement.
- **Bridge-Weigh-In-Motion** By: Matjaz Sokol, Cestel 25 min.
- An introduction to Bridge WIM, including its working principles, system components, installation, operation and specific applications and advantages for size & weight enforcement. Including experiences from the Slovenian Traffic Police in Europe.
- **Questions & Answers** By: All participants 20 min.



Registration for webinars



Weigh in Motion 101



THURSDAY, NOV. 14
11 A.M.-NOON EST

Or use link: https://us02web.zoom.us/webinar/register/WN_qjPdKh8uQj-V-eageas7aQ#/registration



Weigh in Motion for Enforcement



THURSDAY, NOV. 14
1-3 P.M. EST

Or use link: https://us02web.zoom.us/webinar/register/WN_eXFrpQpXQVylLatDnl8wbQ#/registration

