



October 6, 2023

National Conference on Weights & Measures (NCWM)  
Specifications and Tolerances (S&T) Committee  
1135 M Street, Suite 110  
Lincoln, Nebraska 68508

**RE: Form 15 Support Memo – NIST Handbook 44, Section 2.25 Amendments, Weigh-In-Motion Systems Code**

Dear Specifications and Tolerances (S&T) Committee,

Rekor Systems, a trusted global authority in developing and delivering roadway intelligence using state-of-the-art artificial intelligence and machine learning (AI/ML), strongly advocates for the swift update of the NIST Handbook 44, permitting the deployment of WIM systems for automated enforcement.

A NASDAQ-listed company in Columbia, MD, Rekor Systems has been at the forefront of roadway intelligence, integrating advanced AI/ML to redefine traffic management solutions. With our cutting-edge technologies, we've championed smart roadway system development, implementation, and refinement. Committed to advancing the state-of-the-art in AI-driven roadway intelligence, we discern the transformative impact of contemporary technology on our roadways, ardently supporting the proposed amendments to the NIST Handbook 44.

By integrating Weigh-in-Motion (WIM) technology for automated enforcement, we can notably enhance roadway safety and infrastructure protection. The Brooklyn Queens Expressway (BQE), a vital regional freight corridor, is a testament to automated enforcement's efficacy. Its model holds immense promise for urban centers striving to streamline compliance through advanced monitoring systems.

There is an urgent need to address the widespread issue of overweight vehicles exceeding the FHWA legal load limits, which invariably contributes to road and bridges' accelerated wear and tear. With automated weight enforcement, we can foster heightened compliance, streamline enforcement operations, and allocate resources more effectively to address other safety concerns associated with Commercial Motor Vehicles.

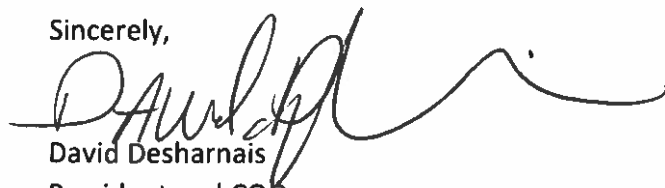
New York State's endorsement of automated WIM enforcement on the BQE triple cantilever, coupled with successful WIM technology validations in states such as Maryland, California, and North Carolina, exemplifies the timeliness and pertinence of updating Form 15, Section 2.25. This



would enable the U.S. to align with international counterparts, like China and Hungary, which have already successfully adopted automated weight enforcement.

Rekor Systems earnestly supports the proposed changes to the NIST Handbook 44, WIM systems code, viewing automated weight enforcement as a pivotal milestone in the evolution of efficient and safe goods and commuter transportation. We greatly appreciate your consideration of this crucial matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'David Desharnais', with a long, sweeping horizontal line extending to the right.

David Desharnais  
President and COO  
Rekor Systems, Inc.