



Vehicle Scale Installation on an Existing Foundation

BUREAU OF WEIGHTS AND MEASURES

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RESOURCES

Wis. Admin. Code ATCP 92
https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/92/IV/30

Form TR-WM-30
<https://datcp.wi.gov/Documents/TR-WM-30.pdf>

Form TR-WM-151
<https://datcp.wi.gov/Documents/TR-WM-151.pdf>

DATCP Vehicle Scale webpage
https://datcp.wi.gov/Pages/Programs_Services/VehicleScales.aspx

Directory of Professional Engineering Firms:
https://datcp.wi.gov/Pages/Programs_Services/VehicleScaleProfessionalEngineeringFirms.aspx

A vehicle scale variance request must be submitted for all applications to install a vehicle scale on an existing foundation due to the special circumstances involved per [Wisconsin Administrative Code § ATCP 92.30\(6\)](#).

Requirements for Requesting to Install a Vehicle Scale on an Existing Scale Foundation

All requests for vehicle scale installations on an existing foundation must include the following:

- A completed *Vehicle Scale Installation Permit Application*, form [TR-WM-30](#).
- A completed *Variance Request Form: Installation of a Vehicle Scale on an Existing Foundation*, form [TR-WM-151](#).
- On the TR-WM-151 form:
 - State the specific condition(s) or issue(s) for this variance request.
 - State reason/justification for request and proposed equivalency alternatives.
- Include the following with the form:
 1. Two sets of plans showing existing foundation construction (*approaches are part of the foundation*).
 2. Two sets of plans showing the new or used scale to be installed on the foundation, and details of proposed modifications and repairs.
 3. Scope of work detailing methods and materials for proposed repairs or modifications.
 4. Photographs of the existing foundation and approaches.
 5. Any existing variances or additional relevant information.
 6. A letter from the manager of the scale manufacturer's engineering department or an independent professional engineer approving the scale functionality/suitability for use on the existing or modified foundation.
 7. A letter from the manager of the scale manufacturer's engineering department or an independent professional engineer stating that by visiting the site they have evaluated and found the existing foundation and approaches acceptable in regard to the following:
 - a. Materials and condition of the structure, including any severe or excessive concrete deterioration, e.g. spalling, cracking, separation, settling...
 - b. proposed modifications or repairs and the methods to be used for load bearing surface reinforcement, for example, replacing or tying into the existing foundation,
 - c. justification for any item of non-compliance that is not being corrected,
 - d. the ability of the structure to bear anticipated loading,
 - e. site condition and other notable factors.

Note: The letter shall include a statement of qualifications of the engineer conducting the evaluation.

A directory of professional engineering firms can be found on our [website](#). Return completed materials, applications, and fees made payable to:

WDATCP • PO Box 93479 • Milwaukee, WI 53293-0479

Questions? Please contact us at 608-224-4942 or datcpweightsandmeasures@wi.gov