

# STEPS TO SUCCESS

## Loadout Scale Installation

*For any aggregate operation that provides materials to external customers, a reliable method to weigh outbound materials is essential. This becomes even more critical when supplying MDOT projects throughout the state. Here are some key considerations when planning to install a scale at your operations:*

### Scale Length & Capacity

#### LOAD CAPACITY

Michigan has one of the highest maximum gross vehicle weights in the country. Ensure your scale has the appropriate load cells to handle your loading requirements.

#### SCALE LENGTH

When space permits, opt for a scale that can fully accommodate a loaded gravel train. This saves time compared to split weighing, which can prolong scale times due to slow travel and drivers ensuring correct axle positioning on the scale.

**Full-Length Scales** | These are particularly important for remote or unattended ticketing, as split weight trucks are usually incompatible with automated scale setups.

#### CATTLE GRATE (OPTIONAL)

These devices help knock mud and debris from the tires of loaded trucks before they hit the road, reducing track-out from your operation. Maintaining clean areas around your site is an important step in being a good neighbor.

### Digital Scale Head

#### FUNCTIONALITY

The scale head is the main interface with your ticketing system. It connects to the scale to receive truck weights and can also connect to other devices such as an outdoor weight display, status indicator lights (Red/Green light), computers, and, in some applications, internet cloud services. Each brand of scale head has its own features but will work with most ticketing systems.

**Certification** | MDOT typically does not accept weights that are not provided by a state-certified scale. Handwritten tickets with punch-style printers are also discouraged.



# Scale Ticket Printer

## REQUIREMENTS

MDOT projects require a printed ticket (with e-Ticketing on the horizon) for aggregates delivered to the jobsite. The ticket printer can reside in a scale house as a standard office printer or in outdoor heated enclosures at the end of the scale to keep drivers in their vehicles.



The Michigan Aggregate Association has many product partners who can assist you through this process. Please utilize these members when planning and installing your scale.

### Scale or Pricing Questions:

#### GREAT LAKES SCALE

Contact: Dave August *General Manager*

- Office: (888) 776-0517
- Mobile: (586) 744-3788
- Email: [daugust@greatlakesscale.com](mailto:daugust@greatlakesscale.com)

#### CECH SCALES

Contact: Hilde McDonald *Chief Strategy Officer*

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### Electrical Questions:

#### LJ INC

Contact: Tracy Slieff *Owner*

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- Email: [tracy.slieff@ljincorporated.com](mailto:tracy.slieff@ljincorporated.com)

Contact: Jeff Lauria *Director of Operations*

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**Contact  
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CONTACT