

Spreader Cart

PennDOT District 11 – Lawrence County

Problem/Challenge Addressed

Lawrence County only has one forklift, and it was a time-consuming process to install spreaders. Additionally, if a spreader needed to be taken off during the winter to pull a trailer or a broom, the truck had to be taken to the main yard first for the spreader to be removed.

Method/Process/Product to Resolve Challenge

By designing the spreader cart, it allows one or two employees to safely and efficiently put on or remove a spreader. By being able to build the cart in-house, Lawrence County was able to make carts for each of its stockpiles.

Results/Key Takeaways

- Use of the cart reduces pinch points by having independent adjustments on right and left sides.
- Spreaders can now be taken off at stockpiles.
- Less employees needed for installation.

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